

Converting Colors

$Yxy(92.5262, 0.3021, 0.3500)$

Have a look what the booklet for
Yxy(92.5262, 0.3021, 0.3500)
contains.

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Color

Yxy(92.5782, 0.3020, 0.3496)

Conversions

Conversions Part 1

Format	Color
Hex	DBFFEB
RGB	219, 255, 235
RGB Percent	86%, 100%, 92%
CMY	0.1411, 0.0000, 0.0784
CMYK	0.14, 0.00, 0.08, 0.00
HSL	147°, 100%, 93%
HSV	147°, 14%, 100%
XYZ	79.9732, 92.5782, 92.2604
YIQ	241.9560, -15.0360, -13.8520

Conversions

Conversions Part 2

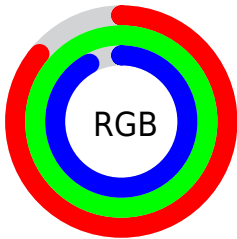
Format	Color
R _Y B	219, 244, 255
Decimal	14417899
CIE Lab	97.06, -15.28, 5.67
CIE LCh	97, 16.296, 159.643
Yxy	92.5782, 0.3020, 0.3496
Android (android.graphics.Color)	4292607979 (0xFFDBFFEB)
YUV	241.9560, -3.4293, -20.1324
Hunter-Lab	96.2176, -20.0169, 10.5007

Details

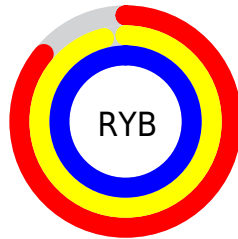
The Yxy color **92.5782, 0.3020, 0.3496** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **78.1631, 0.3251, 0.3093**, and the grayscale version is **88.7974, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **51.5354, 0.3000, 0.3543** is the 20% darker color. If you saturate the color by 10%, you get **88.1378, 0.2947, 0.3663**, and if you desaturate by 10%, it is **97.6960, 0.3096, 0.3347**.

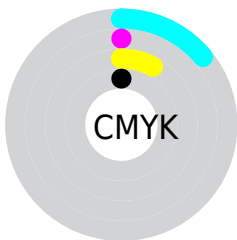
Distribution



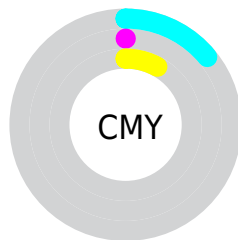
- Red (86%)
- Green (100%)
- Blue (92%)



- Red (86%)
- Yellow (96%)
- Blue (100%)



- Cyan (14%)
- Magenta (0%)
- Yellow (8%)
- Black (0%)





- Cyan (14%)
- Magenta (0%)
- Yellow (8%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 92.5782, 0.3020, 0.3496 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Yxy color 92.5782, 0.3020, 0.3496 by changing the saturation by 10% instead.


 92.5782, 0.3020,
0.3496

 92.5782, 0.3020,
0.3496


536.3824, 0.3068,
0.3403

 70.1210, 0.3009,
0.3517


150.9145, 0.3036,
0.3464

 51.6252, 0.2996,
0.3542


187.5624, 0.3043,
0.3452

 36.7064, 0.2980,
0.3573


229.7092, 0.3049,
0.3441

 24.9802, 0.2959,
0.3614

277.7395, 0.3054,
0.3432

 16.0623, 0.2931,
0.3668

332.0376, 0.3058,
0.3423

 9.5683, 0.2892,
0.3744

392.9878, 0.3062,

 5.1137, 0.2833,

0.3416

0.3857

460.9746, 0.3065,
0.3409

■ 2.3141, 0.2737,
0.4046

■ 0.7812, 0.2302,
0.4867

■ 92.5782, 0.3020,
0.3496

■ 92.5782, 0.3020,
0.3496

■ 88.1378, 0.2947,
0.3663

■ 97.6960, 0.3096,
0.3347

■ 84.3362, 0.2880,
0.3847

100.0000, 0.3127,
0.3290

■ 81.1455, 0.2821,
0.4046

■ 78.5318, 0.2774,
0.4257

■ 76.4579, 0.2743,
0.4476

■ 74.8819, 0.2730,
0.4697

■ 73.7554, 0.2736,
0.4912

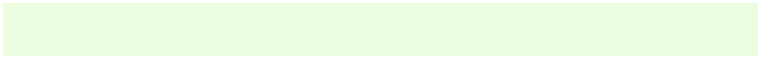
■ 73.0196, 0.2763,
0.5113

■ 72.7206, 0.2784,
0.5224

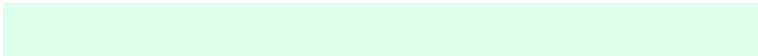
Harmonies

Analogous

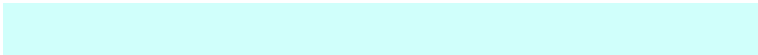
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



92.5782, 0.3202, 0.3594



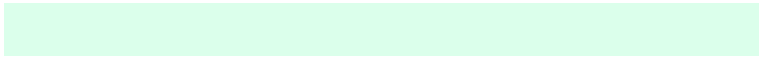
92.5782, 0.3020, 0.3496



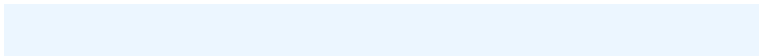
92.5782, 0.2870, 0.3339

Triad

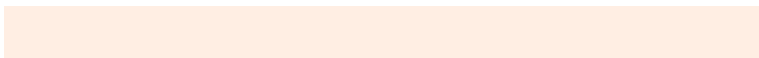
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



92.5782, 0.3020, 0.3496



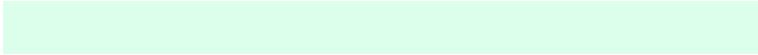
92.5782, 0.2887, 0.2987



92.5782, 0.3478, 0.3390

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



92.5782, 0.3020, 0.3496



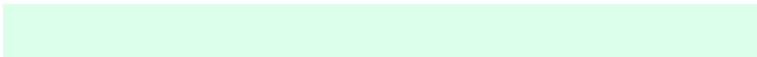
78.1631, 0.3251, 0.3093

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



92.5782, 0.3389, 0.3235



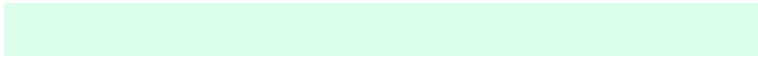
92.5782, 0.3020, 0.3496



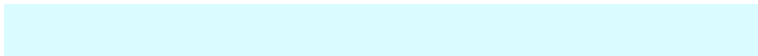
92.5782, 0.3045, 0.3007

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



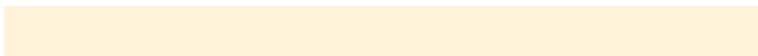
92.5782, 0.3020, 0.3496



92.5782, 0.2795, 0.3046



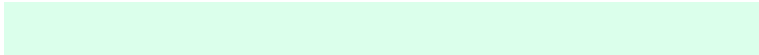
92.5782, 0.3229, 0.3097



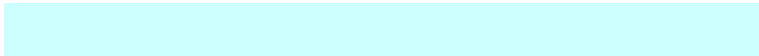
92.5782, 0.3469, 0.3526

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



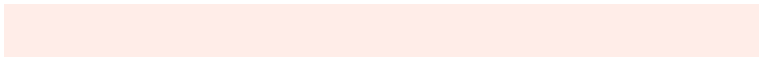
92.5782, 0.3020, 0.3496



92.5782, 0.2807, 0.3226



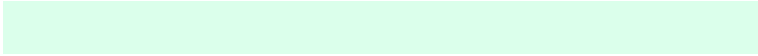
92.5782, 0.3229, 0.3097



92.5782, 0.3458, 0.3339

Sweetspot

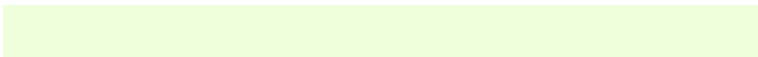
The Sweet Spot groups the original color and five complimentary colors.



92.5814, 0.3020, 0.3496



97.7570, 0.3097, 0.3345



95.0569, 0.3238, 0.3652



20.8364, 0.3091, 0.3356



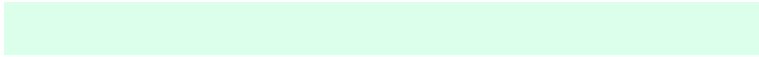
0.0000, 0.0000, 0.0000



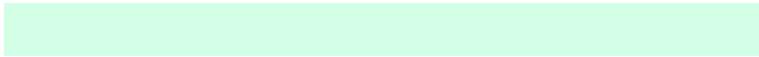
21.4041, 0.3127, 0.3290

Same Dimension

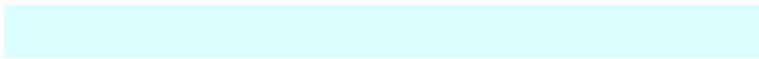
The Same Dimension uses a secret algorithm to generate beautiful new colors.



92.5814, 0.3020, 0.3496



91.2302, 0.2999, 0.3542



93.6489, 0.2924, 0.3314



20.3024, 0.3055, 0.3425



38.0270, 0.2776, 0.5193



3.7241, 0.2715, 0.4973

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



78.1631, 0.3251, 0.3093



74.2124, 0.3280, 0.3051



77.1736, 0.3373, 0.3267



18.1560, 0.3207, 0.3159



12.1541, 0.4730, 0.2379



1.2054, 0.4508, 0.2257

Previews

White Background



This preview shows how the Yxy color 92.5782, 0.3020, 0.3496 looks on a white background.

Color Contrast Check

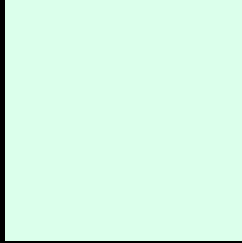
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Yxy color 92.5782, 0.3020, 0.3496 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

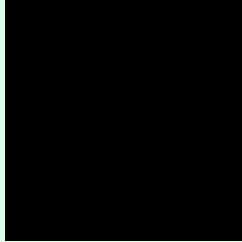
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

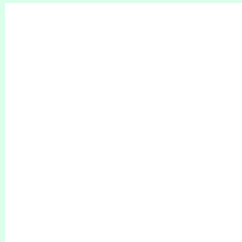
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 92.5782, 0.3020, 0.3496

Background



This preview shows how black text looks on a background with the Yxy color 92.5782, 0.3020, 0.3496.

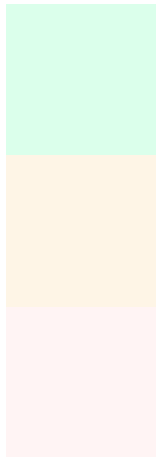


This preview shows how white text looks on a background with the Yxy color 92.5782, 0.3020, 0.3496.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

92.5782, 0.3020, 0.3496

Protanopia

92.0888, 0.3278, 0.3437

Deuteranopia

92.4930, 0.3199, 0.3290

Tritanopia

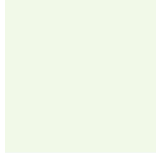
92.0923, 0.3030, 0.3211

Trichromacy



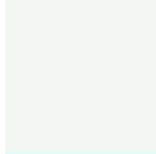
Original Color

92.5782, 0.3020, 0.3496



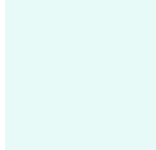
Protanomaly

92.2783, 0.3177, 0.3460



Deuteranomaly

92.3629, 0.3130, 0.3359



Tritanomaly

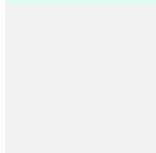
92.3043, 0.3027, 0.3310

Monochromacy



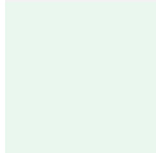
Original Color

92.5782, 0.3020, 0.3496



Achromatopsia

88.7923, 0.3127, 0.3290



Achromatomaly

90.2459, 0.3092, 0.3371

CSS Examples

Text

The CSS property to change the color of the text to Yxy 92.5782, 0.3020, 0.3496 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(219, 255, 235)` looks like.

```
.text, #text, p{  
    color:rgb(219, 255, 235)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(219, 255, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 255, 235) }
```

Border

The CSS property to change the border of an element to Yxy 92.5782, 0.3020, 0.3496 is called "border". The border property can be set on classes, ids or directly on the HTML element.

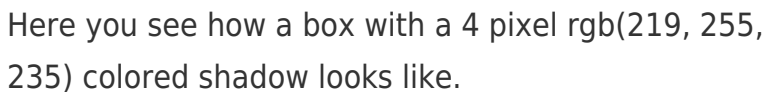
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(219, 255, 235) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(219, 255, 235) }
```

If you want to add a box shadow in that color use:



Here you see how a box with a 4 pixel `rgb(219, 255, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(219, 255, 235); -webkit-box-shadow:4px 4px 4px 4px rgb(219, 255, 235); box-shadow:4px 4px 4px 4px rgb(219, 255, 235) }
```


Background

The CSS property to change the background color of an element to Yxy 92.5782, 0.3020, 0.3496 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 255, 235) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(219,  
255, 235) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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