

Converting Colors

Yxy(104.3461, 0.3000, 0.3658)

Have a look what the booklet for
Yxy(104.3461, 0.3000, 0.3658)
contains.

Yxy(92.3278, 0.3003, 0.3486)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(92.3278, 0.3003, 0.3486)

Conversions

Conversions Part 1

Format	Color
Hex	D9FFEC
RGB	217, 255, 236
RGB Percent	85%, 100%, 93%
CMY	0.1487, 0.0001, 0.0745
CMYK	0.15, 0.00, 0.07, 0.00
HSL	150°, 100%, 93%
HSV	150°, 15%, 100%
XYZ	79.5354, 92.3278, 92.9899
YIQ	241.4720, -16.5490, -13.9650

Conversions

Conversions Part 2

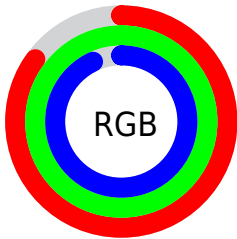
Format	Color
R_{YB}	217, 242, 255
Decimal	14286828
CIE _{Lab}	96.95, -15.70, 5.00
CIE _{LCh}	97, 16.477, 162.351
Yxy	92.3278, 0.3003, 0.3486
Android (android.graphics.Color)	4292476908 (0xFFD9FFEC)
YUV	241.4720, -2.6977, -21.4619
Hunter-Lab	96.0874, -20.4012, 9.8824

Details

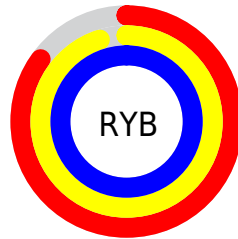
The Yxy color **92.3278, 0.3003, 0.3486** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **76.9885, 0.3272, 0.3102**, and the grayscale version is **88.4000, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **51.3648, 0.2978, 0.3530** is the 20% darker color. If you saturate the color by 10%, you get **88.0035, 0.2923, 0.3637**, and if you desaturate by 10%, it is **97.3167, 0.3086, 0.3350**.

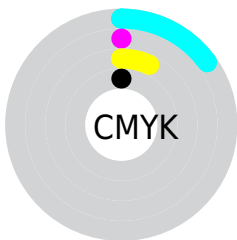
Distribution



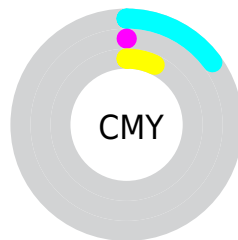
- Red (85%)
- Green (100%)
- Blue (93%)



- Red (85%)
- Yellow (95%)
- Blue (100%)



- Cyan (15%)
- Magenta (0%)
- Yellow (7%)
- Black (0%)




- Cyan (15%)
- Magenta (0%)
- Yellow (7%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 92.3278, 0.3003, 0.3486 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 92.3278, 0.3003, 0.3486 by changing the saturation by 10% instead.


 92.3278, 0.3003,
0.3486

 92.3278, 0.3003,
0.3486


535.5744, 0.3059,
0.3398

 69.9129, 0.2991,
0.3506


150.5676, 0.3022,
0.3456

 51.4556, 0.2976,
0.3530


187.1614, 0.3029,
0.3444

 36.5713, 0.2957,
0.3560


229.2502, 0.3036,
0.3434

 24.8757, 0.2933,
0.3598

277.2185, 0.3042,
0.3425

 15.9845, 0.2901,
0.3649

331.4507, 0.3047,
0.3417

 9.5132, 0.2856,
0.3721

392.3311, 0.3051,

 5.0774, 0.2790,

0.3410

460.2442, 0.3055,
0.3403

0.3829

■ 2.2927, 0.2681,
0.4008

■ 0.7699, 0.2168,
0.4790

■ 92.3278, 0.3003,
0.3486

■ 92.3278, 0.3003,
0.3486

■ 88.0035, 0.2923,
0.3637

■ 97.3167, 0.3086,
0.3350

■ 84.3033, 0.2850,
0.3802

99.9898, 0.3127,
0.3290

■ 81.2004, 0.2786,
0.3981

■ 78.6610, 0.2736,
0.4171

■ 76.6481, 0.2701,
0.4369

■ 75.1200, 0.2686,
0.4568

■ 74.0282, 0.2691,
0.4764

■ 73.3133, 0.2716,
0.4952

■ 73.0498, 0.2734,
0.5043

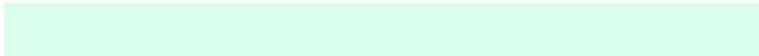
Harmonies

Analogous

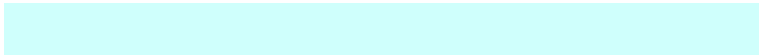
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



92.3278, 0.3186, 0.3592



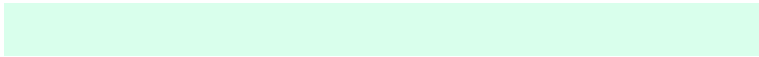
92.3278, 0.3003, 0.3486



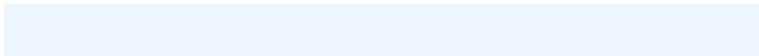
92.3278, 0.2856, 0.3324

Triad

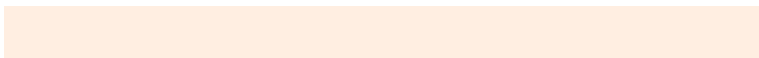
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



92.3278, 0.3003, 0.3486



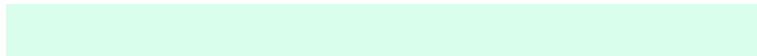
92.3278, 0.2897, 0.2982



92.3278, 0.3486, 0.3405

Complementary

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



92.3278, 0.3003, 0.3486



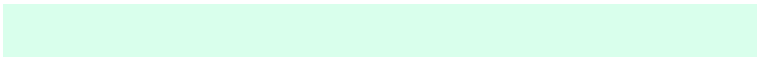
76.9885, 0.3272, 0.3102

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.



92.3278, 0.3404, 0.3248



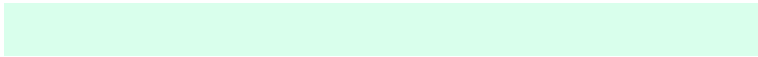
92.3278, 0.3003, 0.3486



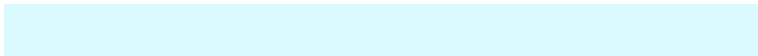
92.3278, 0.3060, 0.3009

Square

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



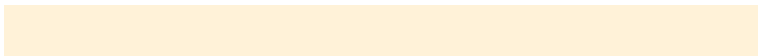
92.3278, 0.3003, 0.3486



92.3278, 0.2796, 0.3034



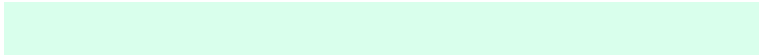
92.3278, 0.3246, 0.3105



92.3278, 0.3468, 0.3538

Rectangle

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



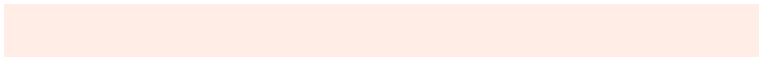
92.3278, 0.3003, 0.3486



92.3278, 0.2797, 0.3211



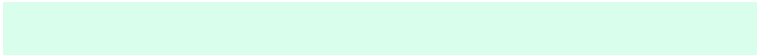
92.3278, 0.3246, 0.3105



92.3278, 0.3469, 0.3354

Sweetspot

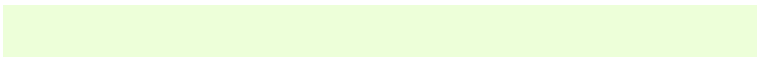
The Sweet Spot groups the original color and five complimentary colors.



92.3317, 0.3003, 0.3486



97.7919, 0.3093, 0.3340



94.4716, 0.3232, 0.3674



20.8452, 0.3087, 0.3349



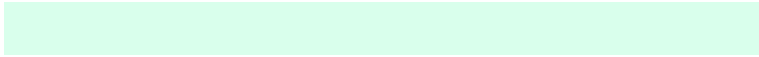
0.0000, 0.0000, 0.0000



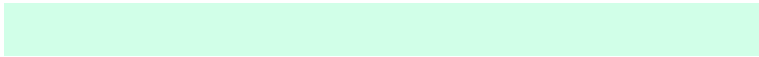
21.4041, 0.3127, 0.3290

Same Dimension

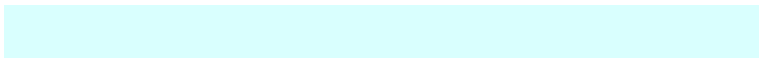
The Same Dimension uses a secret algorithm to generate beautiful new colors.



92.3317, 0.3003, 0.3486



90.9169, 0.2978, 0.3532



93.4535, 0.2904, 0.3296



20.3194, 0.3047, 0.3412



38.2057, 0.2726, 0.5014



3.7420, 0.2668, 0.4806

Inverse Universe

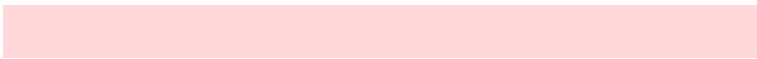
The Inverse Universe completely reimagines the original color for something new.



76.9885, 0.3272, 0.3102



72.7411, 0.3309, 0.3060



75.9759, 0.3402, 0.3284



18.1388, 0.3215, 0.3172



11.9492, 0.4961, 0.2507



1.1855, 0.4707, 0.2367

Previews

White Background



This preview shows how the Yxy color 92.3278, 0.3003, 0.3486 looks on a white background.

Color Contrast Check

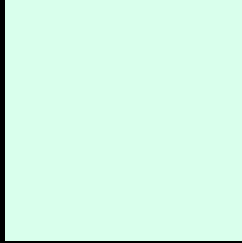
Large Text (above 18pt) WCAG AA × Fail

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 92.3278, 0.3003, 0.3486 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

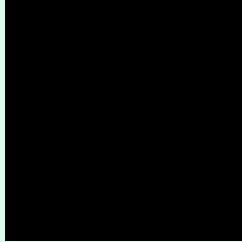
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

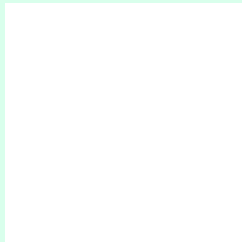
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 92.3278, 0.3003, 0.3486

Background



This preview shows how black text looks on a background with the Yxy color 92.3278, 0.3003, 0.3486.

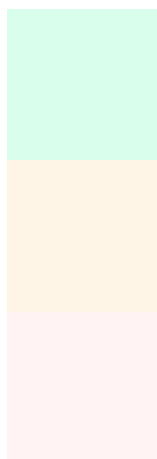


This preview shows how white text looks on a background with the Yxy color 92.3278, 0.3003, 0.3486.

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

92.3278, 0.3003, 0.3486

Protanopia

92.0888, 0.3278, 0.3437

Deuteranopia

91.8928, 0.3199, 0.3281

Tritanopia

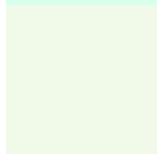
91.9187, 0.3024, 0.3211

Trichromacy



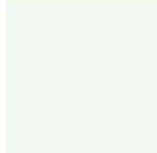
Original Color

92.3278, 0.3003, 0.3486



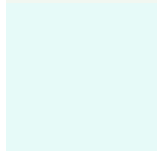
Protanomaly

92.2783, 0.3177, 0.3460



Deuteranomaly

91.5732, 0.3124, 0.3350



Tritanomaly

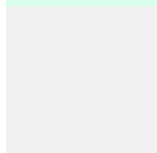
91.9715, 0.3014, 0.3310

Monochromacy



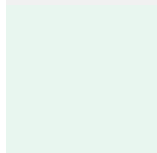
Original Color

92.3278, 0.3003, 0.3486



Achromatopsia

87.9622, 0.3127, 0.3290



Achromatomaly

89.2993, 0.3079, 0.3361

CSS Examples

Text

The CSS property to change the color of the text to Yxy 92.3278, 0.3003, 0.3486 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(217, 255, 236)` looks like.

```
.text, #text, p{  
    color:rgb(217, 255, 236)  
}
```

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(217, 255, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 255, 236) }
```

Border

The CSS property to change the border of an element to Yxy 92.3278, 0.3003, 0.3486 is called "border". The border property can be set on classes, ids or directly on the HTML element.

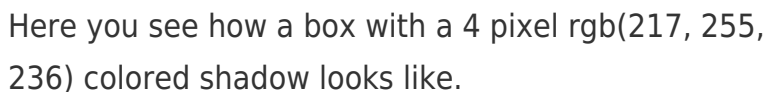
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(217, 255, 236) }
```

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

```
.border{ border-color:rgb(217, 255, 236) }
```

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



Here you see how a box with a 4 pixel `rgb(217, 255, 236)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(217, 255, 236); -webkit-box-shadow:4px 4px 4px 4px rgb(217, 255, 236); box-shadow:4px 4px 4px 4px rgb(217, 255, 236) }
```


Background

The CSS property to change the background color of an element to Yxy 92.3278, 0.3003, 0.3486 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 255, 236) }
```

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

```
.background{ background-color: rgb(217,  
255, 236) }
```

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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