

Converting Colors

Yxy(92.6869, 0.3016, 0.3485)

Have a look what the booklet for
Yxy(92.6869, 0.3016, 0.3485)
contains.

Yxy(92.6362, 0.3014, 0.3486)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(92.6362, 0.3014, 0.3486)

Conversions

Conversions Part 1

Format	Color
Hex	DBFFEC
RGB	219, 255, 236
RGB Percent	86%, 100%, 93%
CMY	0.1415, 0.0000, 0.0745
CMYK	0.14, 0.00, 0.07, 0.00
HSL	148°, 100%, 93%
HSV	148°, 14%, 100%
XYZ	80.0934, 92.6362, 93.0082
YIQ	242.0700, -15.3570, -13.5410

Conversions

Conversions Part 2

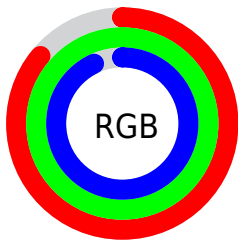
Format	Color
R _Y B	219, 243, 255
Decimal	14417900
CIE Lab	97.08, -15.14, 5.20
CIE LCh	97, 16.012, 161.050
Yxy	92.6362, 0.3014, 0.3486
Android (android.graphics.Color)	4292607980 (0xFFDBFFEC)
YUV	242.0700, -2.9925, -20.2324
Hunter-Lab	96.2477, -19.8931, 10.0790

Details

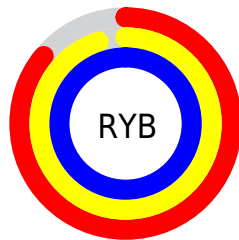
The Yxy color **92.6362, 0.3014, 0.3486** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **78.0478, 0.3258, 0.3102**, and the grayscale version is **88.8621, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **51.5760, 0.2993, 0.3529** is the 20% darker color. If you saturate the color by 10%, you get **88.2161, 0.2937, 0.3644**, and if you desaturate by 10%, it is **97.6937, 0.3094, 0.3344**.

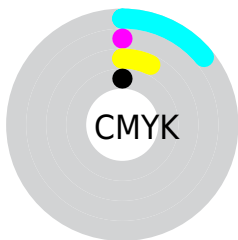
Distribution



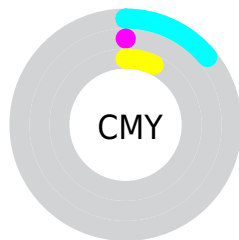
- Red (86%)
- Green (100%)
- Blue (93%)



- Red (86%)
- Yellow (95%)
- Blue (100%)



- Cyan (14%)
- Magenta (0%)
- Yellow (7%)
- Black (0%)




- Cyan (14%)
- Magenta (0%)
- Yellow (7%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 92.6362, 0.3014, 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 92.6362, 0.3014, 0.3486 by changing the saturation by 10% instead.

 92.6362, 0.3014,
0.3486

 92.6362, 0.3014,
0.3486

536.5695, 0.3065,
0.3398

 70.1692, 0.3003,
0.3506


150.9948, 0.3031,
0.3456

 51.6645, 0.2989,
0.3530


187.6552, 0.3038,
0.3444

 36.7377, 0.2972,
0.3559


229.8155, 0.3044,
0.3434

 25.0045, 0.2950,
0.3598

277.8602, 0.3049,
0.3425

 16.0804, 0.2921,
0.3649

332.1735, 0.3054,
0.3417

 9.5810, 0.2880,
0.3721

393.1399, 0.3058,

 5.1221, 0.2819,

0.3410

0.3828

461.1437, 0.3062,
0.3404

■ 2.3191, 0.2719,
0.4006

■ 0.7838, 0.2276,
0.4753

■ 92.6362, 0.3014,
0.3486

■ 92.6362, 0.3014,
0.3486

■ 88.2161, 0.2937,
0.3644

■ 97.6937, 0.3094,
0.3344


■ 84.4453, 0.2867,
0.3817


100.0000, 0.3127,
0.3290


■ 81.2792, 0.2805,
0.4005

■ 78.6842, 0.2755,
0.4205

 76.6234, 0.2722,
0.4413

 75.0551, 0.2707,
0.4623

 73.9313, 0.2712,
0.4828

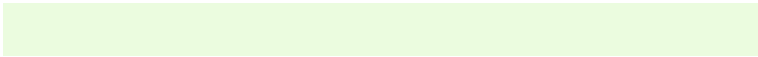
 73.1933, 0.2737,
0.5023

 72.8924, 0.2759,
0.5131

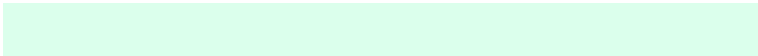
Harmonies

Analogous

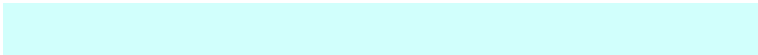
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



92.6362, 0.3192, 0.3585



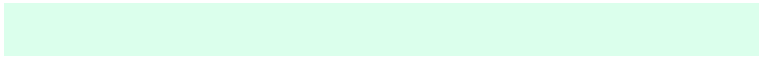
92.6362, 0.3014, 0.3486



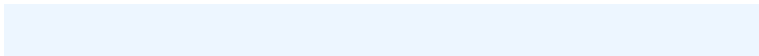
92.6362, 0.2869, 0.3331

Triad

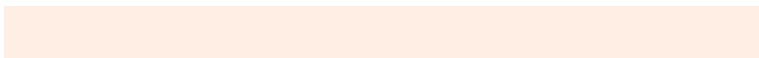
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



92.6362, 0.3014, 0.3486



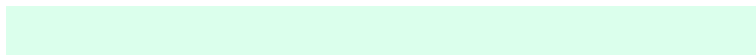
92.6362, 0.2898, 0.2992



92.6362, 0.3473, 0.3396

Complementary

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



92.6362, 0.3014, 0.3486



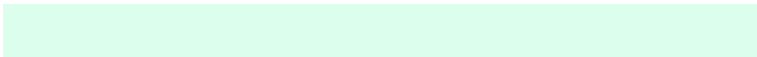
78.0478, 0.3258, 0.3102

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.



92.6362, 0.3390, 0.3243



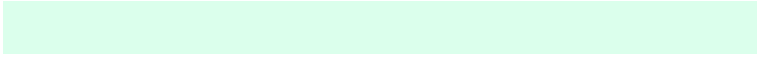
92.6362, 0.3014, 0.3486



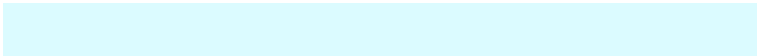
92.6362, 0.3055, 0.3015

Square

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



92.6362, 0.3014, 0.3486



92.6362, 0.2803, 0.3046



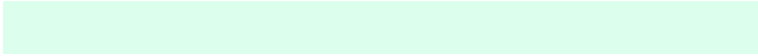
92.6362, 0.3235, 0.3105



92.6362, 0.3460, 0.3527

Rectangle

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



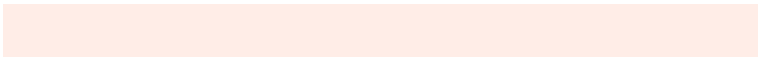
92.6362, 0.3014, 0.3486



92.6362, 0.2809, 0.3220



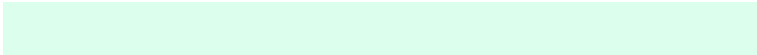
92.6362, 0.3235, 0.3105



92.6362, 0.3456, 0.3345

Sweetspot

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



92.6227, 0.3014, 0.3486



97.7753, 0.3095, 0.3342



94.8350, 0.3231, 0.3654



20.8410, 0.3089, 0.3352



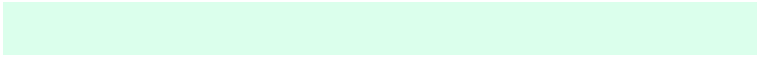
0.0000, 0.0000, 0.0000



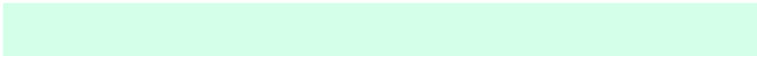
21.4041, 0.3127, 0.3290

Same Dimension

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



92.6227, 0.3014, 0.3486



91.3006, 0.2992, 0.3529



93.7098, 0.2917, 0.3302



20.3113, 0.3051, 0.3418



38.1175, 0.2750, 0.5101



3.7333, 0.2691, 0.4886

Inverse Universe

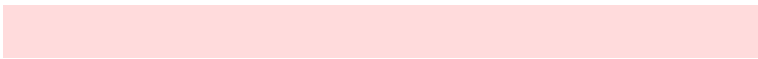
The Inverse Universe completely reimagines the original color for something new.



78.0478, 0.3258, 0.3102



74.1407, 0.3289, 0.3063



77.0528, 0.3382, 0.3279



18.1470, 0.3211, 0.3165



12.0434, 0.4851, 0.2446



1.1947, 0.4612, 0.2314

Previews

White Background



This preview shows how the Yxy color 92.6362, 0.3014, 0.3486 looks on a white background.

Color Contrast Check

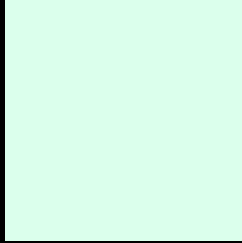
Large Text (above 18pt) WCAG AA × Fail

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 92.6362, 0.3014, 0.3486 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

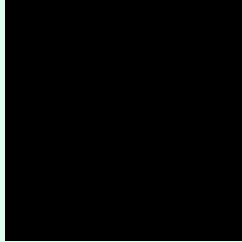
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

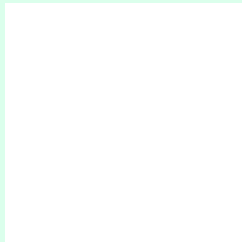
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 92.6362, 0.3014, 0.3486

Background



This preview shows how black text looks on a background with the Yxy color 92.6362, 0.3014, 0.3486.

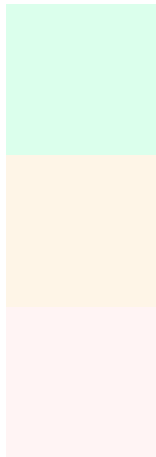


This preview shows how white text looks on a background with the Yxy color 92.6362, 0.3014, 0.3486.

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

92.6362, 0.3014, 0.3486

Protanopia

92.1452, 0.3271, 0.3427

Deuteranopia

92.4930, 0.3199, 0.3290



Tritanopia

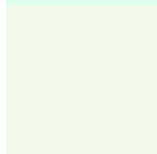
92.7055, 0.3030, 0.3221

Trichromacy



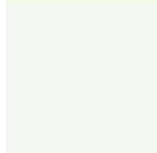
Original Color

92.6362, 0.3014, 0.3486



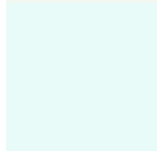
Protanomaly

92.3353, 0.3171, 0.3450



Deuteranomaly

92.3629, 0.3130, 0.3359



Tritanomaly

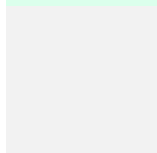
92.9275, 0.3026, 0.3320

Monochromacy



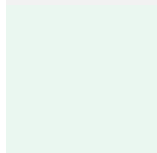
Original Color

92.6362, 0.3014, 0.3486



Achromatopsia

88.7923, 0.3127, 0.3290



Achromatomaly

90.3052, 0.3086, 0.3361

CSS Examples

Text

The CSS property to change the color of the text to Yxy 92.6362, 0.3014, 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(219, 255, 236)` looks like.

```
.text, #text, p{  
    color:rgb(219, 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(219, 255, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 255, 236) }
```

Border

The CSS property to change the border of an element to Yxy 92.6362, 0.3014, 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(219, 255, 236) }
```

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

```
.border{ border-color:rgb(219, 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(219, 255, 236)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 255, 236); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 255, 236);  
box-shadow:4px 4px 4px 4px rgb(219, 255,  
236) }
```


Background

The CSS property to change the background color of an element to Yxy 92.6362, 0.3014, 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(219, 255, 236) }
```

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

```
.background{ background-color: rgb(219,  
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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor