

Converting Colors

$Yxy(78.3559, 0.2568, 0.3905)$

Have a look what the booklet for
Yxy(78.3559, 0.2568, 0.3905)
contains.

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Color

Yxy(78.3559, 0.2567, 0.3905)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 5EFFCE |
| RGB | 94, 255, 206 |
| RGB Percent | 37%, 100%, 81% |
| CMY | 0.6317, 0.0000, 0.1922 |
| CMYK | 0.63, 0.00, 0.19, 0.00 |
| HSL | 162°, 100%, 68% |
| HSV | 162°, 63%, 100% |
| XYZ | 51.5082, 78.3559, 70.7912 |
| YIQ | 201.2750, -80.2270, -49.3710 |

Conversions

Conversions Part 2

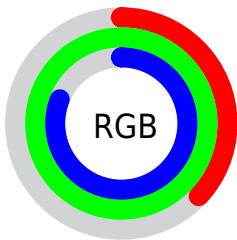
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 94, 189, 255 |
| Decimal | 6225870 |
| CIE _{Lab} | 90.94, -53.31, 11.12 |
| CIE _{LCh} | 91, 54.459, 168.217 |
| Yxy | 78.3559, 0.2567, 0.3905 |
| Android (android.graphics.Color) | 4284415950 (0xFF5EFFCE) |
| YUV | 201.2750, 2.3294, -94.0802 |
| Hunter-Lab | 88.5189, -51.0407, 14.5472 |

Details

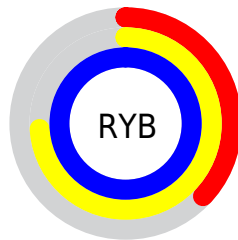
The Yxy color **78.3559, 0.2567, 0.3905** is a light color, and the websafe version is hex **66FFCC**. The color can be described as light muted cyan. A complement of this color would be **31.2315, 0.4531, 0.2820**, and the grayscale version is **58.5926, 0.3127, 0.3290**.

A 20% lighter version of the original color is **86.1109, 0.2601, 0.3288**, and **42.1995, 0.2457, 0.4045** is the 20% darker color. If you saturate the color by 10%, you get **76.8516, 0.2532, 0.4022**, and if you desaturate by 10%, it is **80.3134, 0.2621, 0.3791**.

Distribution



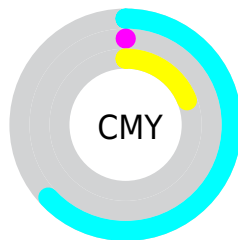
- Red (37%)
- Green (100%)
- Blue (81%)



- Red (37%)
- Yellow (74%)
- Blue (100%)



- Cyan (63%)
- Magenta (0%)
- Yellow (19%)
- Black (0%)





- Cyan (63%)
- Magenta (0%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 78.3559, 0.2567, 0.3905 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 78.3559, 0.2567, 0.3905 by changing the saturation by 10% instead.


 78.3559, 0.2567,
0.3905


 78.3559, 0.2567,
0.3905

489.3747, 0.2827,
0.3613


 58.3664, 0.2508,
0.3973


 131.0517, 0.2657,
0.3802

 42.1033, 0.2434,
0.4059


 164.5268, 0.2692,
0.3763

 29.1822, 0.2342,
0.4168


 203.2659, 0.2722,
0.3729

 19.2187, 0.2221,
0.4313

247.6533, 0.2749,
0.3700

 11.8284, 0.2058,
0.4515

298.0735, 0.2772,
0.3674

 6.6269, 0.1827,
0.4811

354.9109, 0.2792,

 3.2299, 0.1479,

0.3651

418.5498, 0.2811,
0.3631

0.5285

1.2529, 0.0000,
0.6982

0.1043, 0.0000,
1.0000

78.3559, 0.2567,
0.3905

78.3559, 0.2567,
0.3905

76.8516, 0.2532,
0.4022

80.3134, 0.2621,
0.3791

75.7699, 0.2518,
0.4139

82.7795, 0.2692,
0.3681


75.0498, 0.2524,
0.4256

85.7843, 0.2778,
0.3578

74.7106, 0.2537,
0.4334

89.3602, 0.2875,
0.3482

 93.5367, 0.2981,
0.3394

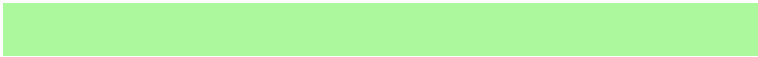
 98.3415, 0.3091,
0.3314

100.0000, 0.3127,
0.3290

Harmonies

Analogous

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



78.3559, 0.3154, 0.4376



78.3559, 0.2567, 0.3905



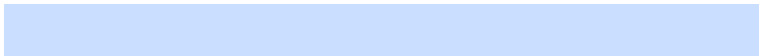
78.3559, 0.2156, 0.3242

Triad

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



78.3559, 0.2567, 0.3905



78.3559, 0.2438, 0.2301



78.3559, 0.4404, 0.3691

Complementary

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



78.3559, 0.2567, 0.3905



31.2315, 0.4531, 0.2820

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.



78.3559, 0.4189, 0.3203



78.3559, 0.2567, 0.3905



78.3559, 0.2993, 0.2444

Square

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



78.3559, 0.2567, 0.3905



78.3559, 0.2095, 0.2372



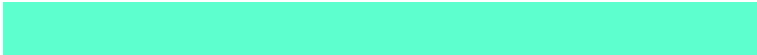
78.3559, 0.3648, 0.2764



78.3559, 0.4233, 0.4146

Rectangle

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



78.3559, 0.2567, 0.3905



78.3559, 0.2021, 0.2848



78.3559, 0.3648, 0.2764



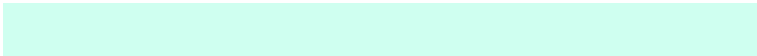
78.3559, 0.4376, 0.3528

Sweetspot

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



78.3508, 0.2567, 0.3905



91.0273, 0.2918, 0.3444



78.3397, 0.3277, 0.5193



19.2364, 0.2889, 0.3470



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.



78.3508, 0.2567, 0.3905



76.5054, 0.2526, 0.4055



63.6990, 0.2283, 0.2926



20.3818, 0.3021, 0.3363



39.0658, 0.2532, 0.4315



3.8232, 0.2495, 0.4183

Inverse Universe

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



31.2315, 0.4531, 0.2820



25.9791, 0.4997, 0.2803



36.3440, 0.4957, 0.3575



18.0781, 0.3246, 0.3218



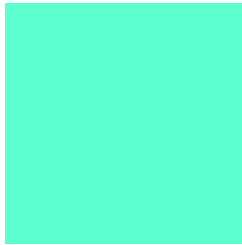
11.4163, 0.5753, 0.2943



1.1300, 0.5433, 0.2767

Previews

White Background



This preview shows how the Yxy color 78.3559, 0.2567, 0.3905 looks on a white background.

Color Contrast Check

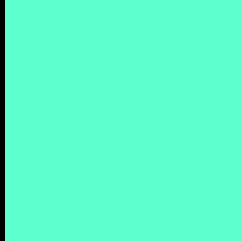
Large Text (above 18pt) WCAG AA × Fail

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 78.3559, 0.2567, 0.3905 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 78.3559, 0.2567, 0.3905

Background



This preview shows how black text looks on a background with the Yxy color 78.3559, 0.2567, 0.3905.

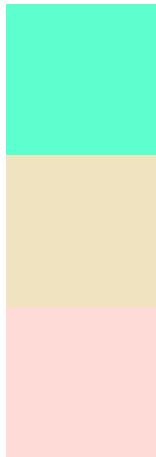


This preview shows how white text looks on a background with the Yxy color 78.3559, 0.2567, 0.3905.

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

78.3559, 0.2567, 0.3905

Protanopia

77.0947, 0.3446, 0.3661

Deuteranopia

76.5889, 0.3418, 0.3342



Tritanopia

77.8120, 0.2592, 0.3132

Trichromacy



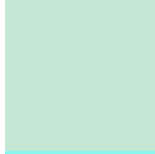
Original Color

78.3559, 0.2567, 0.3905



Protanomaly

75.0387, 0.3034, 0.3756



Deuteranomaly

74.1521, 0.3016, 0.3529



Tritanomaly

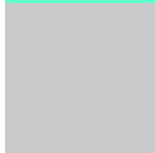
77.3443, 0.2570, 0.3394

Monochromacy



Original Color

78.3559, 0.2567, 0.3905



Achromatopsia

58.4078, 0.3127, 0.3290



Achromatomaly

63.7061, 0.2842, 0.3513

CSS Examples

Text

The CSS property to change the color of the text to Yxy 78.3559, 0.2567, 0.3905 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(94, 255, 206)` looks like.

```
.text, #text, p{  
    color:rgb(94, 255, 206)  
}
```

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(94, 255, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 255, 206) }
```

Border

The CSS property to change the border of an element to Yxy 78.3559, 0.2567, 0.3905 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(94, 255, 206) }
```

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

```
.border{ border-color:rgb(94, 255, 206) }
```

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

Here you see how a box with a 4 pixel rgb(94, 255, 206) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 255, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 255, 206);  
box-shadow:4px 4px 4px 4px rgb(94, 255,  
206) }
```


Background

The CSS property to change the background color of an element to Yxy 78.3559, 0.2567, 0.3905 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 255, 206) }
```

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

```
.background{ background-color: rgb(94, 255,  
206) }
```

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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