

Converting Colors

$Yxy(43.5874, 0.2119, 0.2346)$

Have a look what the booklet for
Yxy(43.5874, 0.2119, 0.2346)
contains.

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Color

Yxy(43.4794, 0.2127, 0.2370)

Conversions

Conversions Part 1

Format	Color
Hex	56B8FF
RGB	86, 184, 255
RGB Percent	34%, 72%, 100%
CMY	0.6632, 0.2784, 0.0000
CMYK	0.66, 0.28, 0.00, 0.00
HSL	205°, 100%, 67%
HSV	205°, 66%, 100%
XYZ	39.0214, 43.4794, 100.9566
YIQ	162.7920, -81.1990, 1.3050

Conversions

Conversions Part 2

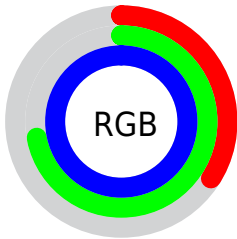
Format	Color
R _Y B	86, 148, 255
Decimal	5683455
CIE Lab	71.88, -7.18, -43.51
CIE LCh	72, 44.096, 260.634
Yxy	43.4794, 0.2127, 0.2370
Android (android.graphics.Color)	4283873535 (0xFF56B8FF)
YUV	162.7920, 45.4585, -67.3466
Hunter-Lab	65.9389, -9.7602, -44.6195

Details

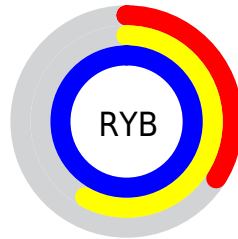
The Yxy color **43.4794, 0.2127, 0.2370** is a light color, and the websafe version is hex **66CCFF**. The color can be described as light muted azure. A complement of this color would be **45.9985, 0.4749, 0.3975**, and the grayscale version is **36.3195, 0.3127, 0.3290**.

A 20% lighter version of the original color is **76.1195, 0.2539, 0.3118**, and **20.3098, 0.1927, 0.2138** is the 20% darker color. If you saturate the color by 10%, you get **38.1993, 0.2016, 0.2205**, and if you desaturate by 10%, it is **49.5281, 0.2256, 0.2534**.

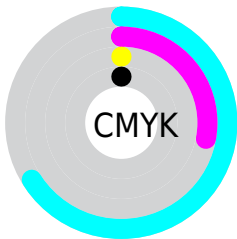
Distribution



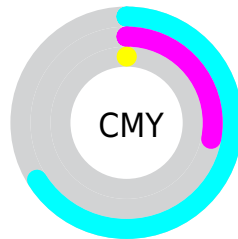
- Red (34%)
- Green (72%)
- Blue (100%)



- Red (34%)
- Yellow (58%)
- Blue (100%)



- Cyan (66%)
- Magenta (28%)
- Yellow (0%)
- Black (0%)




- Cyan (66%)
- Magenta (28%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 43.4794, 0.2127, 0.2370 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 43.4794, 0.2127, 0.2370 by changing the saturation by 10% instead.


 43.4794, 0.2127,
0.2370


 43.4794, 0.2127,
0.2370


360.5796, 0.2606,
0.2821

 30.2614, 0.2016,
0.2263


 80.4338, 0.2295,
0.2530

 20.0371, 0.1880,
0.2131


 104.9390, 0.2360,
0.2591

 12.4220, 0.1709,
0.1963


 133.9755, 0.2416,
0.2644

 7.0318, 0.1491,
0.1745

 167.9275, 0.2464,
0.2689

 3.4820, 0.1209,
0.1456

207.1795, 0.2506,
0.2728

 1.3882, 0.0848,
0.1073

252.1160, 0.2544,

 0.2080, 0.0039,

0.2763

0.0357

303.1212, 0.2577,
0.2793

■ 0.0000, 0.0000,
0.0000

■ 43.4794, 0.2127,
0.2370

■ 43.4794, 0.2127,
0.2370

■ 38.1993, 0.2016,
0.2205

■ 49.5281, 0.2256,
0.2534

■ 33.6307, 0.1927,
0.2040

■ 56.3927, 0.2400,
0.2692

■ 29.7062, 0.1861,
0.1882

■ 64.1168, 0.2553,
0.2841

■ 28.3897, 0.1840,
0.1824

■ 72.7401, 0.2711,
0.2980

■ 82.2993, 0.2871,
0.3108

■ 92.8287, 0.3029,
0.3223

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.



43.4794, 0.2010, 0.2662



43.4794, 0.2127, 0.2370



43.4794, 0.2485, 0.2317

Triad

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



43.4794, 0.2127, 0.2370



43.4794, 0.4204, 0.3243



43.4794, 0.3105, 0.4335

Complementary

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



43.4794, 0.2127, 0.2370



45.9985, 0.4749, 0.3975

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.



43.4794, 0.3713, 0.4429



43.4794, 0.2127, 0.2370



43.4794, 0.4385, 0.3726

Square

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



43.4794, 0.2127, 0.2370



43.4794, 0.3691, 0.2803



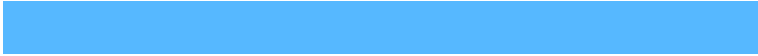
43.4794, 0.4190, 0.4167



43.4794, 0.2535, 0.3845

Rectangle

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



43.4794, 0.2127, 0.2370



43.4794, 0.2842, 0.2401



43.4794, 0.4190, 0.4167



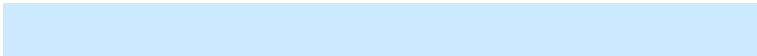
43.4794, 0.3312, 0.4414

Sweetspot

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



43.4798, 0.2127, 0.2370



78.6718, 0.2813, 0.3062



75.9048, 0.2758, 0.4590



16.2645, 0.2768, 0.3026



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.



43.4798, 0.2127, 0.2370



36.4392, 0.1981, 0.2144



18.3021, 0.1868, 0.1294



19.1288, 0.2979, 0.3188



15.1362, 0.1847, 0.1850



1.6900, 0.1897, 0.2030

Inverse Universe

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



31.3578, 0.3996, 0.2355



26.5063, 0.4265, 0.2278



84.7853, 0.4122, 0.4701



18.1639, 0.3203, 0.3153



12.2560, 0.4626, 0.2322



1.2151, 0.4419, 0.2208

Previews

White Background



This preview shows how the Yxy color 43.4794, 0.2127, 0.2370 looks on a white background.

Color Contrast Check

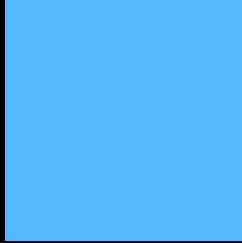
Large Text (above 18pt) WCAG AA × Fail

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 43.4794, 0.2127, 0.2370 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

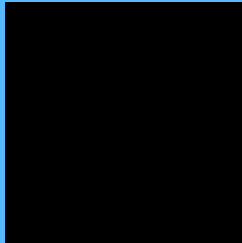
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

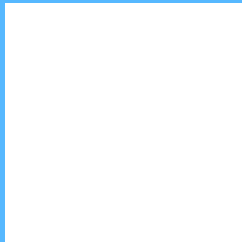
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 43.4794, 0.2127, 0.2370

Background



This preview shows how black text looks on a background with the Yxy color 43.4794, 0.2127, 0.2370.



This preview shows how white text looks on a background with the Yxy color 43.4794, 0.2127, 0.2370.

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

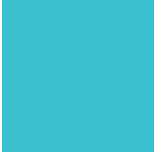
43.4794, 0.2127, 0.2370

Protanopia

42.8343, 0.2459, 0.2376

Deuteranopia

43.1548, 0.2350, 0.2296



Tritanopia

43.5935, 0.2265, 0.3066

Trichromacy



Original Color

43.4794, 0.2127, 0.2370

Protanomaly

42.4794, 0.2312, 0.2365

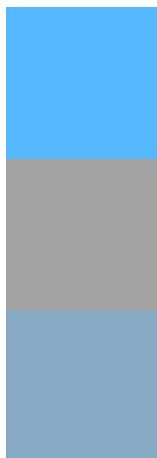
Deuteranomaly

43.1257, 0.2254, 0.2322

Tritanomaly

43.4921, 0.2209, 0.2793

Monochromacy



Original Color

43.4794, 0.2127, 0.2370

Achromatopsia

36.6253, 0.3127, 0.3290

Achromatomaly

38.2622, 0.2644, 0.2930

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.4794, 0.2127, 0.2370 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(86, 184, 255)` looks like.

```
.text, #text, p{  
  color:rgb(86, 184, 255)  
}
```

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(86, 184, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(86, 184, 255) }
```

Border

The CSS property to change the border of an element to Yxy 43.4794, 0.2127, 0.2370 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(86, 184, 255) }
```

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

```
.border{ border-color:rgb(86, 184, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(86, 184, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(86, 184, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(86, 184, 255);  
box-shadow:4px 4px 4px 4px rgb(86, 184,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 43.4794, 0.2127, 0.2370 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(86, 184, 255) }
```

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

```
.background{ background-color: rgb(86, 184,  
255) }
```

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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