

Converting Colors

$Yxy(47.4389, 0.2178, 0.2599)$

Have a look what the booklet for
Yxy(47.4389, 0.2178, 0.2599)
contains.

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Color

Yxy(47.5395, 0.2181, 0.2606)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | 52C3F7 |
| RGB | 82, 195, 247 |
| RGB Percent | 32%, 76%, 97% |
| CMY | 0.6784, 0.2353, 0.0313 |
| CMYK | 0.67, 0.21, 0.00, 0.03 |
| HSL | 199°, 91%, 65% |
| HSV | 199°, 67%, 97% |
| XYZ | 39.7865, 47.5395, 95.0972 |
| YIQ | 167.1410, -84.0400, -7.7840 |

Conversions

Conversions Part 2

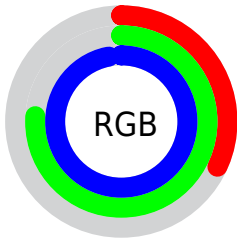
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 82, 149, 247 |
| Decimal | 5424119 |
| CIE Lab | 74.53, -16.20, -35.08 |
| CIE LCh | 75, 38.645, 245.209 |
| Yxy | 47.5395, 0.2181, 0.2606 |
| Android (android.graphics.Color) | 4283614199 (0xFF52C3F7) |
| YUV | 167.1410, 39.3705, -74.6687 |
| Hunter-Lab | 68.9489, -17.6583, -33.5111 |

Details

The Yxy color **47.5395, 0.2181, 0.2606** is a light color, and the websafe version is hex **66CCFF**. The color can be described as light muted cyan. A complement of this color would be **37.4489, 0.4914, 0.3801**, and the grayscale version is **38.5532, 0.3127, 0.3290**.

A 20% lighter version of the original color is **83.0439, 0.2543, 0.3255**, and **22.7675, 0.2008, 0.2430** is the 20% darker color. If you saturate the color by 10%, you get **43.2261, 0.2087, 0.2484**, and if you desaturate by 10%, it is **52.4367, 0.2294, 0.2726**.

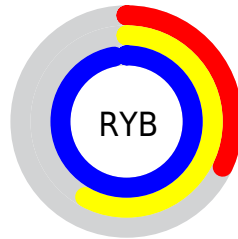
Distribution



Red (32%)

Green (76%)

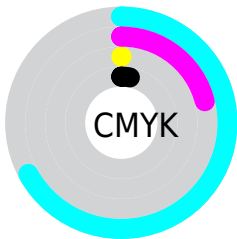
Blue (97%)



Red (32%)

Yellow (58%)

Blue (97%)

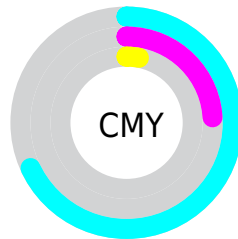


Cyan (67%)

Magenta (21%)

Yellow (0%)

Black (3%)



Cyan (68%)


Magenta (24%)


Yellow (3%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 47.5395, 0.2181, 0.2606 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 47.5395, 0.2181, 0.2606 by changing the saturation by 10% instead.


 47.5395, 0.2181,
0.2606


 47.5395, 0.2181,
0.2606


376.9639, 0.2630,
0.2948


 33.4624, 0.2078,
0.2523


 86.5184, 0.2338,
0.2729


 22.4809, 0.1950,
0.2418

 112.1889, 0.2399,
0.2776

 14.2107, 0.1790,
0.2282


 142.4926, 0.2451,
0.2815

 8.2673, 0.1584,
0.2101

 177.8140, 0.2496,
0.2849

 4.2665, 0.1315,
0.1852

218.5375, 0.2536,
0.2879

 1.8237, 0.0959,
0.1497

265.0473, 0.2571,

 0.5019, 0.0152,

0.2905

0.0938

317.7280, 0.2602,
0.2927

0.0000, 0.0000,
0.0000

47.5395, 0.2181,
0.2606

47.5395, 0.2181,
0.2606

43.2261, 0.2087,
0.2484

52.4367, 0.2294,
0.2726

39.4437, 0.2014,
0.2363

57.9537, 0.2422,
0.2841

36.1339, 0.1961,
0.2244

64.1288, 0.2563,
0.2951

35.1466, 0.1946,
0.2206

70.9951, 0.2712,
0.3054

78.5831, 0.2866,
0.3149

86.9211, 0.3022,
0.3236

96.0359, 0.3176,
0.3314

99.4972, 0.3173,
0.3366

Harmonies

Analogous

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



47.5395, 0.2194, 0.2974



47.5395, 0.2181, 0.2606



47.5395, 0.2390, 0.2448

Triad

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



47.5395, 0.2181, 0.2606



47.5395, 0.3846, 0.3051



47.5395, 0.3391, 0.4256

Complementary

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



47.5395, 0.2181, 0.2606



37.4489, 0.4914, 0.3801

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.



47.5395, 0.3869, 0.4183



47.5395, 0.2181, 0.2606



47.5395, 0.4159, 0.3465

Square

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



47.5395, 0.2181, 0.2606



47.5395, 0.3330, 0.2706



47.5395, 0.4160, 0.3874



47.5395, 0.2866, 0.4000

Rectangle

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



47.5395, 0.2181, 0.2606



47.5395, 0.2642, 0.2455



47.5395, 0.4160, 0.3874



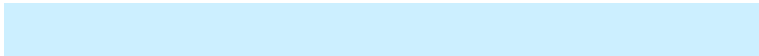
47.5395, 0.3563, 0.4266

Sweetspot

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



47.5412, 0.2181, 0.2606



81.7437, 0.2816, 0.3120



69.9860, 0.2841, 0.4864



17.0034, 0.2773, 0.3093



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.



47.5412, 0.2181, 0.2606



45.0465, 0.2060, 0.2444



20.7753, 0.1916, 0.1507



17.8250, 0.2980, 0.3214



18.8492, 0.1952, 0.2226



1.8404, 0.1993, 0.2375

Inverse Universe

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



29.7551, 0.3777, 0.2193



27.3752, 0.3959, 0.2092



68.4942, 0.4255, 0.4558



16.6742, 0.3186, 0.3129



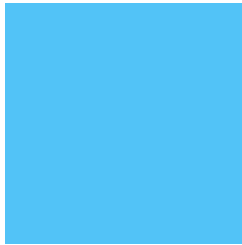
12.0022, 0.4205, 0.2090



1.0734, 0.4049, 0.2004

Previews

White Background



This preview shows how the Yxy color 47.5395, 0.2181, 0.2606 looks on a white background.

Color Contrast Check

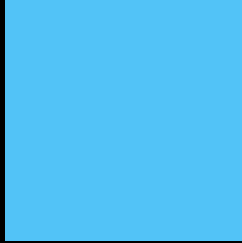
Large Text (above 18pt) WCAG AA × Fail

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 47.5395, 0.2181, 0.2606 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

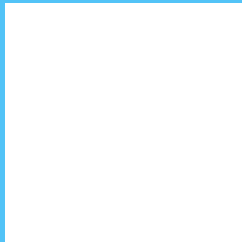
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 47.5395, 0.2181, 0.2606

Background



This preview shows how black text looks on a background with the Yxy color 47.5395, 0.2181, 0.2606.



This preview shows how white text looks on a background with the Yxy color 47.5395, 0.2181, 0.2606.

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

47.5395, 0.2181, 0.2606

Protanopia

46.9141, 0.2630, 0.2603

Deuteranopia

47.1217, 0.2509, 0.2449



Tritanopia

47.4083, 0.2268, 0.3046

Trichromacy



Original Color

47.5395, 0.2181, 0.2606

Protanomaly

46.2234, 0.2421, 0.2589

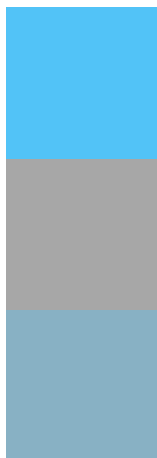
Deuteranomaly

46.4430, 0.2355, 0.2488

Tritanomaly

47.3292, 0.2234, 0.2873

Monochromacy



Original Color

47.5395, 0.2181, 0.2606

Achromatopsia

38.6429, 0.3127, 0.3290

Achromatomaly

40.6640, 0.2661, 0.3019

CSS Examples

Text

The CSS property to change the color of the text to Yxy 47.5395, 0.2181, 0.2606 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(82, 195, 247)` looks like.

```
.text, #text, p{  
    color:rgb(82, 195, 247)  
}
```

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(82, 195, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(82, 195, 247) }
```

Border

The CSS property to change the border of an element to Yxy 47.5395, 0.2181, 0.2606 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(82, 195, 247) }
```

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

```
.border{ border-color:rgb(82, 195, 247) }
```

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

Here you see how a box with a 4 pixel `rgb(82, 195, 247)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(82, 195, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(82, 195, 247);  
box-shadow:4px 4px 4px 4px rgb(82, 195,  
247) }
```


Background

The CSS property to change the background color of an element to Yxy 47.5395, 0.2181, 0.2606 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(82, 195, 247) }
```

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

```
.background{ background-color: rgb(82, 195,  
247) }
```

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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