

Converting Colors

$Yxy(48.0577, 0.2192, 0.2506)$

Have a look what the booklet for
Yxy(48.0577, 0.2192, 0.2506)
contains.

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Color

Yxy(48.2904, 0.2194, 0.2513)

Conversions

Conversions Part 1

Format	Color
Hex	60C2FF
RGB	96, 194, 255
RGB Percent	38%, 76%, 100%
CMY	0.6238, 0.2392, 0.0000
CMYK	0.62, 0.24, 0.00, 0.00
HSL	203°, 100%, 69%
HSV	203°, 62%, 100%
XYZ	42.1604, 48.2904, 101.7115
YIQ	171.6520, -77.9890, -1.8050

Conversions

Conversions Part 2

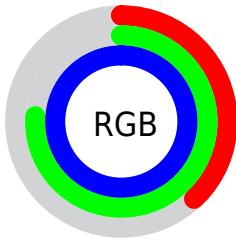
Format	Color
R _Y B	96, 157, 255
Decimal	6341375
CIE Lab	75.01, -10.95, -38.60
CIE LCh	75, 40.123, 254.159
Yxy	48.2904, 0.2194, 0.2513
Android (android.graphics.Color)	4284531455 (0xFF60C2FF)
YUV	171.6520, 41.0906, -66.3468
Hunter-Lab	69.4913, -13.3137, -38.1364

Details

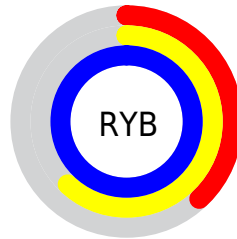
The Yxy color **48.2904, 0.2194, 0.2513** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **46.1904, 0.4669, 0.3894**, and the grayscale version is **40.8806, 0.3127, 0.3290**.

A 20% lighter version of the original color is **82.9621, 0.2593, 0.3233**, and **23.1270, 0.1978, 0.2320** is the 20% darker color. If you saturate the color by 10%, you get **42.9166, 0.2081, 0.2363**, and if you desaturate by 10%, it is **54.4014, 0.2324, 0.2660**.

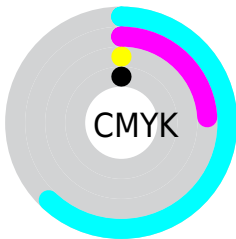
Distribution



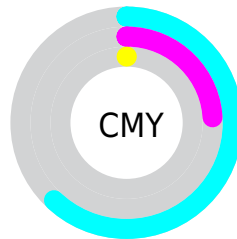
- Red (38%)
- Green (76%)
- Blue (100%)



- Red (38%)
- Yellow (62%)
- Blue (100%)



- Cyan (62%)
- Magenta (24%)
- Yellow (0%)
- Black (0%)



- Cyan (62%)
- Magenta (24%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 48.2904, 0.2194, 0.2513 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 48.2904, 0.2194, 0.2513 by changing the saturation by 10% instead.

48.2904, 0.2194,
0.2513

48.2904, 0.2194,
0.2513

379.9420, 0.2636,
0.2894

34.0569, 0.2093,
0.2423

87.6366, 0.2348,
0.2648

22.9373, 0.1968,
0.2310

113.5182, 0.2408,
0.2700

14.5472, 0.1812,
0.2166

144.0512, 0.2459,
0.2744

8.5023, 0.1612,
0.1977

179.6200, 0.2504,
0.2782

4.4180, 0.1351,
0.1722

220.6092, 0.2543,
0.2816

1.9100, 0.1008,
0.1371

267.4029, 0.2578,

0.5544, 0.0398,

0.2845

0.0851

320.3858, 0.2609,
0.2871

0.0000, 0.0000,
0.0000

48.2904, 0.2194,
0.2513

48.2904, 0.2194,
0.2513

42.9166, 0.2081,
0.2363

54.4014, 0.2324,
0.2660

38.2254, 0.1989,
0.2213

61.2901, 0.2467,
0.2800

34.1578, 0.1918,
0.2065

68.9981, 0.2619,
0.2932

31.4117, 0.1877,
0.1955

77.5619, 0.2776,
0.3055

87.0158, 0.2934,
0.3166

97.3917, 0.3091,
0.3268

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.



48.2904, 0.2138, 0.2827



48.2904, 0.2194, 0.2513



48.2904, 0.2473, 0.2416

Triad

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



48.2904, 0.2194, 0.2513



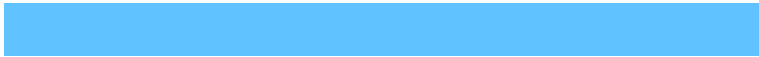
48.2904, 0.3995, 0.3165



48.2904, 0.3234, 0.4248

Complementary

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



48.2904, 0.2194, 0.2513



46.1904, 0.4669, 0.3894

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.



48.2904, 0.3758, 0.4266



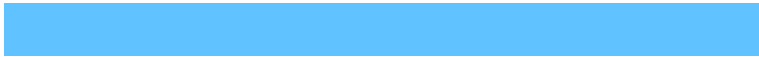
48.2904, 0.2194, 0.2513



48.2904, 0.4228, 0.3597

Square

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



48.2904, 0.2194, 0.2513



48.2904, 0.3506, 0.2783



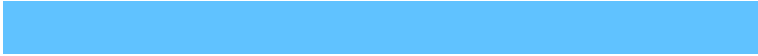
48.2904, 0.4131, 0.4001



48.2904, 0.2707, 0.3887

Rectangle

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



48.2904, 0.2194, 0.2513



48.2904, 0.2768, 0.2463



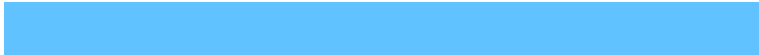
48.2904, 0.4131, 0.4001



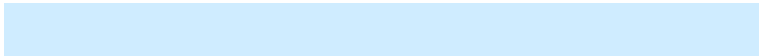
48.2904, 0.3417, 0.4293

Sweetspot

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



48.2917, 0.2194, 0.2513



80.6558, 0.2830, 0.3094



76.4343, 0.2790, 0.4570



16.7018, 0.2784, 0.3061



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.



48.2917, 0.2194, 0.2513



41.6234, 0.2055, 0.2324



21.8485, 0.1954, 0.1475



19.2430, 0.2979, 0.3197



16.7112, 0.1883, 0.1979



1.8386, 0.1929, 0.2145

Inverse Universe

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



33.5089, 0.3850, 0.2339



28.2625, 0.4067, 0.2233



82.3490, 0.4107, 0.4603



18.1754, 0.3197, 0.3144



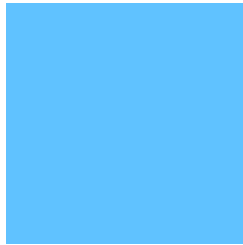
12.4150, 0.4476, 0.2240



1.2302, 0.4292, 0.2138

Previews

White Background



This preview shows how the Yxy color 48.2904, 0.2194, 0.2513 looks on a white background.

Color Contrast Check

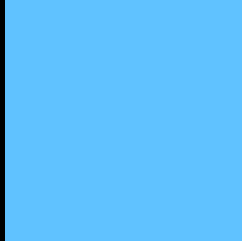
Large Text (above 18pt) WCAG AA × Fail

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 48.2904, 0.2194, 0.2513 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

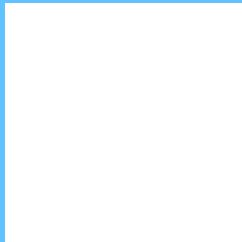
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 48.2904, 0.2194, 0.2513

Background



This preview shows how black text looks on a background with the Yxy color 48.2904, 0.2194, 0.2513.

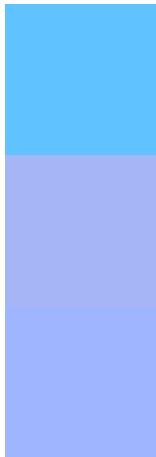


This preview shows how white text looks on a background with the Yxy color 48.2904, 0.2194, 0.2513.

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

48.2904, 0.2194, 0.2513

Protanopia

47.7473, 0.2571, 0.2519

Deuteranopia

48.0468, 0.2473, 0.2421



Tritanopia

48.4027, 0.2313, 0.3063

Trichromacy



Original Color

48.2904, 0.2194, 0.2513

Protanomaly

47.6201, 0.2406, 0.2511

Deuteranomaly

47.5721, 0.2350, 0.2443

Tritanomaly

48.0890, 0.2266, 0.2840

Monochromacy



Original Color

48.2904, 0.2194, 0.2513

Achromatopsia

41.2543, 0.3127, 0.3290

Achromatomaly

42.8361, 0.2683, 0.2986

CSS Examples

Text

The CSS property to change the color of the text to Yxy 48.2904, 0.2194, 0.2513 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(96, 194, 255)` looks like.

```
.text, #text, p{  
    color:rgb(96, 194, 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(96, 194, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(96, 194, 255) }
```

Border

The CSS property to change the border of an element to Yxy 48.2904, 0.2194, 0.2513 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(96, 194, 255) }
```

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

```
.border{ border-color:rgb(96, 194, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(96, 194, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(96, 194, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(96, 194, 255);  
box-shadow:4px 4px 4px 4px rgb(96, 194,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 48.2904, 0.2194, 0.2513 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(96, 194, 255) }
```

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

```
.background{ background-color: rgb(96, 194,  
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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