

Converting Colors

Yxy(56.5480, 0.2227, 0.2450)

Have a look what the booklet for
Yxy(56.5480, 0.2227, 0.2450)
contains.

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Color

Yxy(54.8046, 0.2317, 0.2674)

Conversions

Conversions Part 1	
Format	Color
Hex	77CDFF
RGB	119, 205, 255
RGB Percent	47%, 80%, 100%
CMY	0.5332, 0.1961, 0.0001
CMYK	0.53, 0.20, 0.00, 0.00
HSL	202°, 100%, 73%
HSV	202°, 53%, 100%
XYZ	47.4878, 54.8046, 102.6613
YIQ	184.9860, -67.3060, -2.6820

Conversions

Conversions Part 2

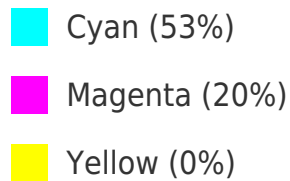
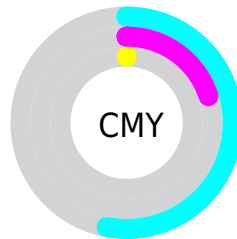
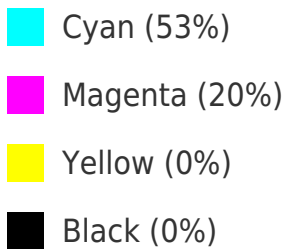
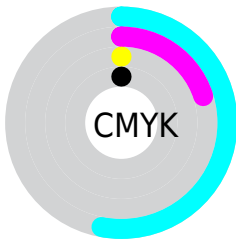
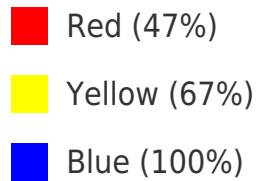
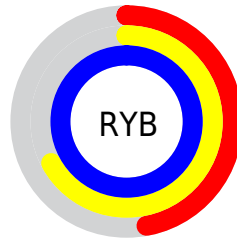
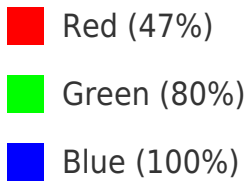
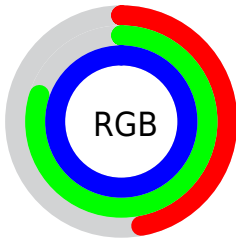
Format	Color
RYB	119, 172, 255
Decimal	7851519
CIELab	78.93, -12.42, -32.45
CIELCh	79, 34.743, 249.047
Yxy	54.8046, 0.2317, 0.2674
Android (android.graphics.Color)	4286041599 (0xFF77CDFF)
YUV	184.9860, 34.5169, -57.8697
Hunter-Lab	74.0301, -15.0512, -30.3993

Details

The Yxy color **54.8046, 0.2317, 0.2674** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **50.9630, 0.4387, 0.3806**, and the grayscale version is **48.3440, 0.3127, 0.3290**.

A 20% lighter version of the original color is **88.3237, 0.2696, 0.3289**, and **26.9947, 0.2125, 0.2518** is the 20% darker color. If you saturate the color by 10%, you get **48.8870, 0.2191, 0.2534**, and if you desaturate by 10%, it is **61.4786, 0.2457, 0.2809**.


Distribution



Brightness & Saturation Gradients


These gradients show how the Yxy color 54.8046, 0.2317, 0.2674 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 54.8046, 0.2317, 0.2674 by changing the saturation by 10% instead.


 54.8046, 0.2317,
0.2674


 54.8046, 0.2317,
0.2674


405.1708, 0.2696,
0.2974

 39.2453, 0.2231,
0.2603


 97.2546, 0.2449,
0.2780

 26.9506, 0.2124,
0.2514


 124.9141, 0.2500,
0.2821

 17.5361, 0.1991,
0.2400


 157.3758, 0.2544,
0.2856

 10.6175, 0.1820,
0.2250

195.0240, 0.2582,
0.2886

 5.8102, 0.1593,
0.2045

238.2433, 0.2616,
0.2912

 2.7300, 0.1288,
0.1754


287.4179, 0.2646,

 0.9925, 0.0852,

0.2935

0.1329


342.9323, 0.2672,
0.2955

 0.0000, 0.0000,
0.0000


 54.8046, 0.2317,
0.2674


 54.8046, 0.2317,
0.2674

 48.8870, 0.2191,
0.2534


 61.4786, 0.2457,
0.2809


 43.6756, 0.2082,
0.2390


 68.9429, 0.2607,
0.2936


 39.1216, 0.1994,
0.2246

 77.2358, 0.2762,
0.3054

 35.1643, 0.1927,
0.2105

 86.3912, 0.2920,
0.3162

 32.7965, 0.1893,
0.2013

 96.4404, 0.3076,
0.3260

99.9984, 0.3127,
0.3290

Harmonies

Analogous

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



54.8046, 0.2304, 0.2975



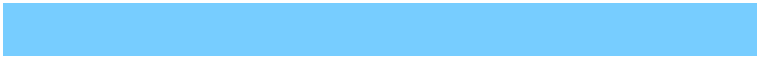
54.8046, 0.2317, 0.2674



54.8046, 0.2526, 0.2553

Triad

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



54.8046, 0.2317, 0.2674



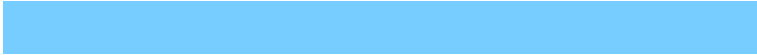
54.8046, 0.3789, 0.3131



54.8046, 0.3303, 0.4098

Complementary

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



54.8046, 0.2317, 0.2674



50.9630, 0.4387, 0.3806

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.



54.8046, 0.3725, 0.4081



54.8046, 0.2317, 0.2674



54.8046, 0.4026, 0.3498

Square

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



54.8046, 0.2317, 0.2674



54.8046, 0.3365, 0.2816



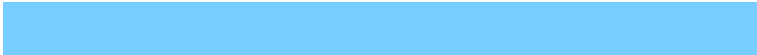
54.8046, 0.3998, 0.3845



54.8046, 0.2852, 0.3845

Rectangle

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



54.8046, 0.2317, 0.2674



54.8046, 0.2760, 0.2572



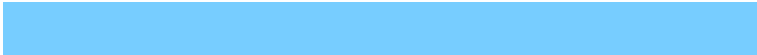
54.8046, 0.3998, 0.3845



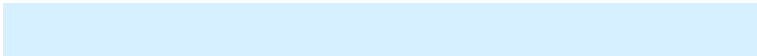
54.8046, 0.3453, 0.4122

Sweetspot

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



54.8066, 0.2317, 0.2674



83.8681, 0.2877, 0.3134



78.2878, 0.2826, 0.4380



17.5428, 0.2845, 0.3112



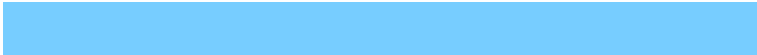
0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

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



54.8066, 0.2317, 0.2674



48.5204, 0.2183, 0.2524



29.0770, 0.2136, 0.1794



19.2930, 0.2979, 0.3201



17.4355, 0.1899, 0.2036



1.9064, 0.1943, 0.2195

Inverse Universe

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



38.8632, 0.3681, 0.2431



32.8203, 0.3845, 0.2298



83.0686, 0.3991, 0.4432



18.1804, 0.3195, 0.3141



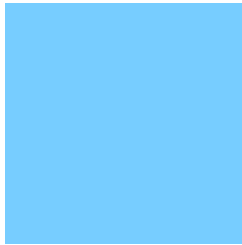
12.4881, 0.4412, 0.2204



1.2370, 0.4238, 0.2108

Previews

White Background



This preview shows how the Yxy color 54.8046, 0.2317, 0.2674 looks on a white background.

Color Contrast Check

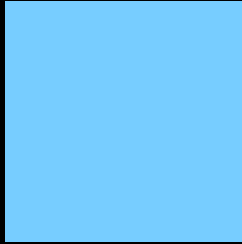
Large Text (above 18pt) WCAG AA × Fail

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 54.8046, 0.2317, 0.2674 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

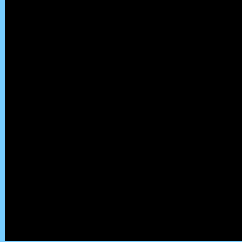
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

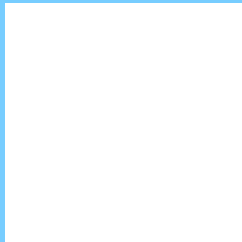
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 54.8046, 0.2317, 0.2674

Background



This preview shows how black text looks on a background with the Yxy color 54.8046, 0.2317, 0.2674.



This preview shows how white text looks on a background with the Yxy color 54.8046, 0.2317, 0.2674.

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

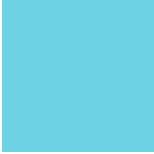
54.8046, 0.2317, 0.2674

Protanopia

54.1769, 0.2680, 0.2662

Deuteranopia

54.5030, 0.2615, 0.2569



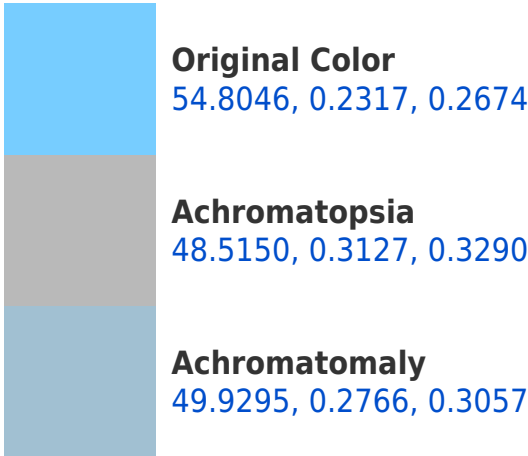
Tritanopia

54.8904, 0.2413, 0.3065

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.8046, 0.2317, 0.2674 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(119, 205, 255)` looks like.

```
.text, #text, p{  
    color:rgb(119, 205, 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(119, 205, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 205, 255) }
```

Border

The CSS property to change the border of an element to Yxy 54.8046, 0.2317, 0.2674 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(119, 205, 255) }
```

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

```
.border{ border-color:rgb(119, 205, 255) }
```

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

Here you see how a box with a 4 pixel rgb(119, 205, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(119, 205, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(119, 205, 255);  
box-shadow:4px 4px 4px 4px rgb(119, 205,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 54.8046, 0.2317, 0.2674 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 205, 255) }
```

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

```
.background{ background-color: rgb(119,  
205, 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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awesome pro features!

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