

Converting Colors

$Yxy(55.2464, 0.2319, 0.2686)$

Have a look what the booklet for
Yxy(55.2464, 0.2319, 0.2686)
contains.

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Color

Yxy(55.2846, 0.2319, 0.2687)

Conversions

Conversions Part 1

Format	Color
Hex	77CEFF
RGB	119, 206, 255
RGB Percent	47%, 81%, 100%
CMY	0.5338, 0.1921, 0.0001
CMYK	0.53, 0.19, 0.00, 0.00
HSL	202°, 100%, 73%
HSV	202°, 53%, 100%
XYZ	47.7131, 55.2846, 102.7508
YIQ	185.5730, -67.5810, -3.2050

Conversions

Conversions Part 2

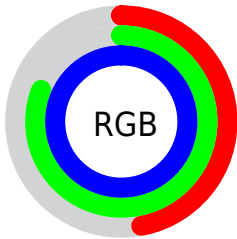
Format	Color
R _Y B	119, 172, 255
Decimal	7851775
CIE Lab	79.20, -12.99, -32.03
CIE LCh	79, 34.560, 247.924
Yxy	55.2846, 0.2319, 0.2687
Android (android.graphics.Color)	4286041855 (0xFF77CEFF)
YUV	185.5730, 34.2275, -58.3845
Hunter-Lab	74.3536, -15.5746, -29.8865

Details

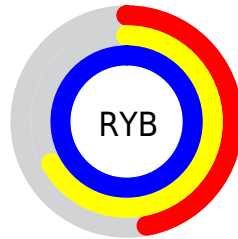
The Yxy color **55.2846, 0.2319, 0.2687** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **50.5282, 0.4396, 0.3795**, and the grayscale version is **48.6697, 0.3127, 0.3290**.

A 20% lighter version of the original color is **88.3237, 0.2696, 0.3289**, and **27.3180, 0.2129, 0.2535** is the 20% darker color. If you saturate the color by 10%, you get **49.4318, 0.2194, 0.2550**, and if you desaturate by 10%, it is **61.8828, 0.2458, 0.2819**.

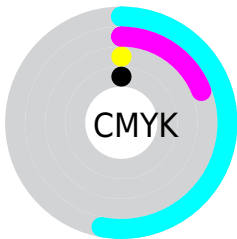
Distribution



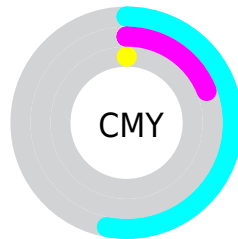
- Red (47%)
- Green (81%)
- Blue (100%)



- Red (47%)
- Yellow (67%)
- Blue (100%)



- Cyan (53%)
- Magenta (19%)
- Yellow (0%)
- Black (0%)





- Cyan (53%)
- Magenta (19%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 55.2846, 0.2319, 0.2687 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 55.2846, 0.2319, 0.2687 by changing the saturation by 10% instead.


 55.2846, 0.2319,
0.2687


 55.2846, 0.2319,
0.2687


406.9898, 0.2697,
0.2980

 39.6296, 0.2233,
0.2617

 97.9578, 0.2450,
0.2791

 27.2499, 0.2127,
0.2530


 125.7448, 0.2501,
0.2831

 17.7610, 0.1995,
0.2419


 158.3447, 0.2545,
0.2865

 10.7785, 0.1824,
0.2271

196.1417, 0.2583,
0.2894

 5.9181, 0.1600,
0.2070

239.5204, 0.2617,
0.2920

 2.7953, 0.1296,
0.1783

288.8650, 0.2647,

 1.0258, 0.0865,

0.2943

0.1362

344.5600, 0.2673,
0.2963

0.0000, 0.0000,
0.0000

55.2846, 0.2319,
0.2687

55.2846, 0.2319,
0.2687

49.4318, 0.2194,
0.2550

61.8828, 0.2458,
0.2819

44.2742, 0.2087,
0.2410

69.2599, 0.2607,
0.2943

39.7636, 0.2000,
0.2269

77.4541, 0.2762,
0.3058

35.8393, 0.1934,
0.2131

86.4987, 0.2919,
0.3164

33.5092, 0.1901,
0.2042

96.4251, 0.3075,
0.3260

99.9991, 0.3127,
0.3290

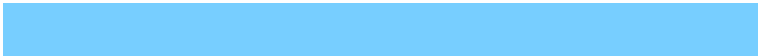
Harmonies

Analogous

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



55.2846, 0.2314, 0.2992



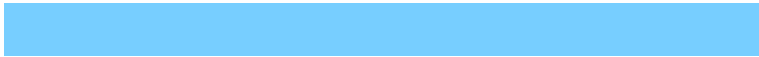
55.2846, 0.2319, 0.2687



55.2846, 0.2519, 0.2560

Triad

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



55.2846, 0.2319, 0.2687



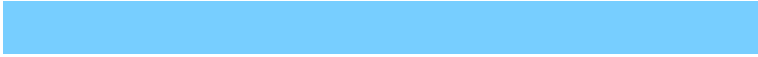
55.2846, 0.3771, 0.3120



55.2846, 0.3319, 0.4095

Complementary

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



55.2846, 0.2319, 0.2687



50.5282, 0.4396, 0.3795

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.



55.2846, 0.3734, 0.4069



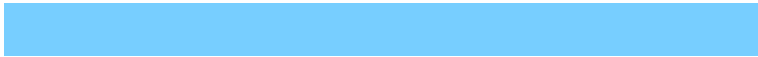
55.2846, 0.2319, 0.2687



55.2846, 0.4015, 0.3483

Square

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



55.2846, 0.2319, 0.2687



55.2846, 0.3346, 0.2810



55.2846, 0.3996, 0.3829



55.2846, 0.2870, 0.3853

Rectangle

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



55.2846, 0.2319, 0.2687



55.2846, 0.2748, 0.2575



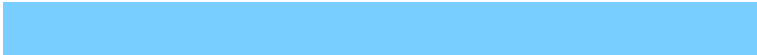
55.2846, 0.3996, 0.3829



55.2846, 0.3467, 0.4116

Sweetspot

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



55.2866, 0.2319, 0.2687



84.0577, 0.2878, 0.3137



78.1954, 0.2837, 0.4412



17.5881, 0.2845, 0.3116



0.0000, 0.0000, 0.0000



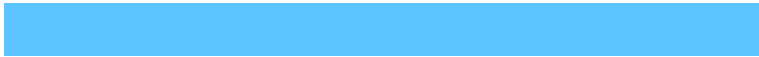
21.4041, 0.3127, 0.3290

Same Dimension

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



55.2866, 0.2319, 0.2687



49.0996, 0.2187, 0.2541



29.6800, 0.2141, 0.1820



19.3179, 0.2980, 0.3202



17.8046, 0.1907, 0.2064



1.9408, 0.1950, 0.2220

Inverse Universe

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



38.8772, 0.3670, 0.2420



32.8788, 0.3829, 0.2287



81.7556, 0.4004, 0.4415



18.1829, 0.3193, 0.3139



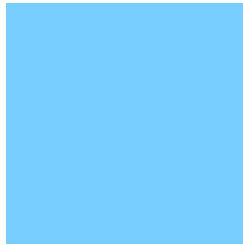
12.5254, 0.4381, 0.2187



1.2405, 0.4211, 0.2094

Previews

White Background



This preview shows how the Yxy color 55.2846, 0.2319, 0.2687 looks on a white background.

Color Contrast Check

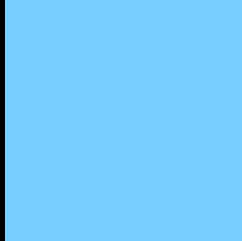
Large Text (above 18pt) WCAG AA × Fail

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 55.2846, 0.2319, 0.2687 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

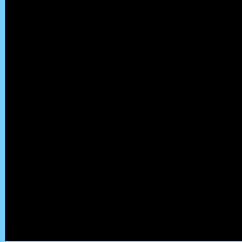
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

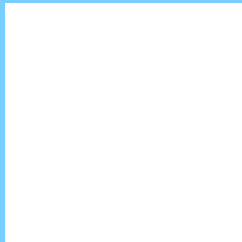
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 55.2846, 0.2319, 0.2687

Background



This preview shows how black text looks on a background with the Yxy color 55.2846, 0.2319, 0.2687.

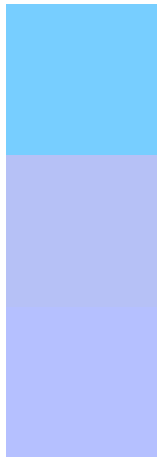


This preview shows how white text looks on a background with the Yxy color 55.2846, 0.2319, 0.2687.

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

55.2846, 0.2319, 0.2687

Protanopia

54.7388, 0.2688, 0.2676

Deuteranopia

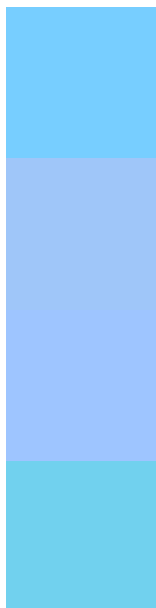
54.7430, 0.2628, 0.2571



Tritanopia

55.4412, 0.2411, 0.3066

Trichromacy



Original Color

55.2846, 0.2319, 0.2687

Protanomaly

54.5986, 0.2534, 0.2681

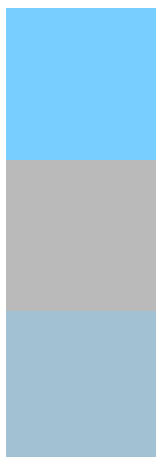
Deuteranomaly

54.4216, 0.2495, 0.2605

Tritanomaly

55.2847, 0.2377, 0.2917

Monochromacy



Original Color

55.2846, 0.2319, 0.2687

Achromatopsia

49.1021, 0.3127, 0.3290

Achromatomaly

50.5245, 0.2768, 0.3058

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.2846, 0.2319, 0.2687 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, 206, 255)` looks like.

```
.text, #text, p{  
    color:rgb(119, 206, 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, 206, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 206, 255) }
```

Border

The CSS property to change the border of an element to Yxy 55.2846, 0.2319, 0.2687 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, 206, 255) }
```

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

```
.border{ border-color:rgb(119, 206, 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, 206, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(119, 206, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(119, 206, 255);  
box-shadow:4px 4px 4px 4px rgb(119, 206,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 55.2846, 0.2319, 0.2687 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 206, 255) }
```

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

```
.background{ background-color: rgb(119,  
206, 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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