

Converting Colors

$Yxy(53.6431, 0.2294, 0.2647)$

Have a look what the booklet for
Yxy(53.6431, 0.2294, 0.2647)
contains.

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Color

Yxy(53.5767, 0.2295, 0.2645)

Conversions

Conversions Part 1

Format	Color
Hex	73CBFF
RGB	115, 203, 255
RGB Percent	45%, 80%, 100%
CMY	0.5485, 0.2040, 0.0000
CMYK	0.55, 0.20, 0.00, 0.00
HSL	202°, 100%, 73%
HSV	202°, 55%, 100%
XYZ	46.4872, 53.5767, 102.4946
YIQ	182.6160, -69.1400, -2.4840

Conversions

Conversions Part 2

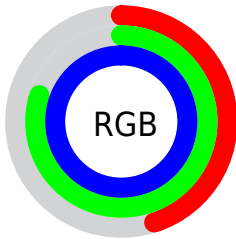
Format	Color
R_{YB}	115, 169, 255
Decimal	7588863
CIE _{Lab}	78.21, -12.15, -33.57
CIE _{LCh}	78, 35.703, 250.101
Yxy	53.5767, 0.2295, 0.2645
Android (android.graphics.Color)	4285778943 (0xFF73CBFF)
YUV	182.6160, 35.6853, -59.2992
Hunter-Lab	73.1961, -14.7271, -31.7849

Details

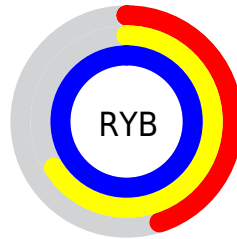
The Yxy color **53.5767, 0.2295, 0.2645** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **50.1871, 0.4433, 0.3824**, and the grayscale version is **46.9788, 0.3127, 0.3290**.

A 20% lighter version of the original color is **87.8540, 0.2676, 0.3289**, and **26.2005, 0.2097, 0.2479** is the 20% darker color. If you saturate the color by 10%, you get **47.7382, 0.2171, 0.2502**, and if you desaturate by 10%, it is **60.1712, 0.2434, 0.2783**.

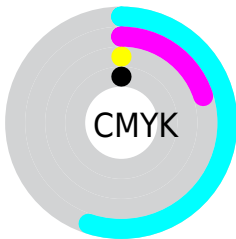
Distribution



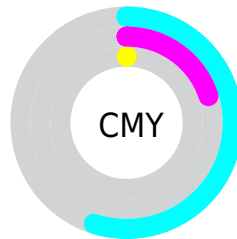
- Red (45%)
- Green (80%)
- Blue (100%)



- Red (45%)
- Yellow (66%)
- Blue (100%)



- Cyan (55%)
- Magenta (20%)
- Yellow (0%)
- Black (0%)



- Cyan (55%)
- Magenta (20%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 53.5767, 0.2295, 0.2645 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 53.5767, 0.2295, 0.2645 by changing the saturation by 10% instead.

■ 53.5767, 0.2295,
0.2645

■ 53.5767, 0.2295,
0.2645

400.4938, 0.2685,
0.2959

■ 38.2633, 0.2206,
0.2570

■ 95.4524, 0.2431,
0.2756

■ 26.1871, 0.2096,
0.2477

■ 122.7836, 0.2483,
0.2799

■ 16.9637, 0.1959,
0.2358

■ 154.8895, 0.2529,
0.2836

■ 10.2086, 0.1782,
0.2201

192.1545, 0.2568,
0.2867

■ 5.5375, 0.1550,
0.1987

234.9631, 0.2603,
0.2895

■ 2.5659, 0.1236,
0.1683

283.6995, 0.2634,

■ 0.9096, 0.0778,

0.2919

0.1247

338.7483, 0.2661,
0.2940

0.0000, 0.0000,
0.0000

53.5767, 0.2295,
0.2645

53.5767, 0.2295,
0.2645

47.7382, 0.2171,
0.2502

60.1712, 0.2434,
0.2783

42.6045, 0.2064,
0.2357

67.5564, 0.2583,
0.2913

38.1254, 0.1979,
0.2211

75.7713, 0.2738,
0.3033

34.2379, 0.1915,
0.2069

84.8502, 0.2895,
0.3144

32.4230, 0.1888,
0.1997

94.8250, 0.3052,
0.3245

99.9997, 0.3127,
0.3290

Harmonies

Analogous

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



53.5767, 0.2275, 0.2949



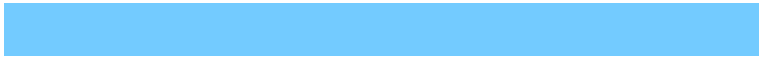
53.5767, 0.2295, 0.2645



53.5767, 0.2516, 0.2529

Triad

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



53.5767, 0.2295, 0.2645



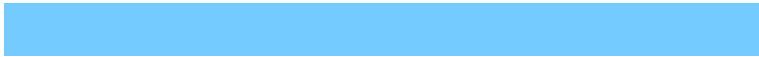
53.5767, 0.3826, 0.3138



53.5767, 0.3291, 0.4124

Complementary

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



53.5767, 0.2295, 0.2645



50.1871, 0.4433, 0.3824

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.



53.5767, 0.3732, 0.4113



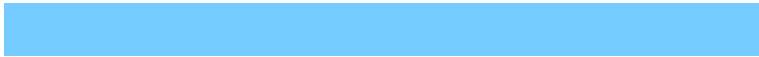
53.5767, 0.2295, 0.2645



53.5767, 0.4062, 0.3516

Square

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



53.5767, 0.2295, 0.2645



53.5767, 0.3390, 0.2810



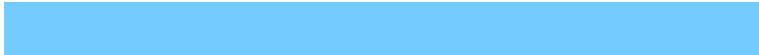
53.5767, 0.4022, 0.3873



53.5767, 0.2826, 0.3852

Rectangle

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



53.5767, 0.2295, 0.2645



53.5767, 0.2762, 0.2553



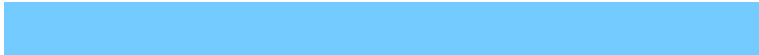
53.5767, 0.4022, 0.3873



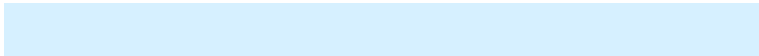
53.5767, 0.3447, 0.4152

Sweetspot

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



53.5787, 0.2295, 0.2645



83.7657, 0.2877, 0.3132



77.9392, 0.2821, 0.4418



17.5183, 0.2845, 0.3110



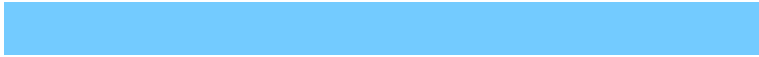
0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

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



53.5787, 0.2295, 0.2645



47.1154, 0.2157, 0.2486



27.8613, 0.2106, 0.1745



19.2795, 0.2979, 0.3199



17.2381, 0.1895, 0.2021



1.8879, 0.1939, 0.2181

Inverse Universe

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



37.8607, 0.3710, 0.2415



31.8523, 0.3886, 0.2284



82.6907, 0.4014, 0.4460



18.1791, 0.3195, 0.3142



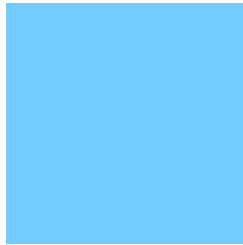
12.4682, 0.4430, 0.2214



1.2351, 0.4253, 0.2116

Previews

White Background



This preview shows how the Yxy color 53.5767, 0.2295, 0.2645 looks on a white background.

Color Contrast Check

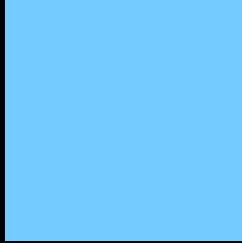
Large Text (above 18pt) WCAG AA × Fail

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 53.5767, 0.2295, 0.2645 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

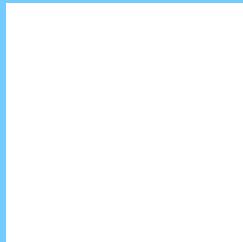
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 53.5767, 0.2295, 0.2645

Background



This preview shows how black text looks on a background with the Yxy color 53.5767, 0.2295, 0.2645.



This preview shows how white text looks on a background with the Yxy color 53.5767, 0.2295, 0.2645.

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

53.5767, 0.2295, 0.2645

Protanopia

52.9457, 0.2658, 0.2635

Deuteranopia

53.2770, 0.2593, 0.2541



Tritanopia

53.4910, 0.2396, 0.3062

Trichromacy



Original Color

53.5767, 0.2295, 0.2645

Protanomaly

52.8383, 0.2505, 0.2640

Deuteranomaly

53.1202, 0.2468, 0.2576

Tritanomaly

53.3869, 0.2356, 0.2899

Monochromacy



Original Color

53.5767, 0.2295, 0.2645

Achromatopsia

47.3531, 0.3127, 0.3290

Achromatomaly

48.6995, 0.2749, 0.3041

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.5767, 0.2295, 0.2645 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(115, 203, 255)` looks like.

```
.text, #text, p{  
    color:rgb(115, 203, 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(115, 203, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 203, 255) }
```

Border

The CSS property to change the border of an element to Yxy 53.5767, 0.2295, 0.2645 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(115, 203, 255) }
```

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

```
.border{ border-color:rgb(115, 203, 255) }
```

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

Here you see how a box with a 4 pixel rgb(115, 203, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(115, 203, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(115, 203, 255);  
box-shadow:4px 4px 4px 4px rgb(115, 203,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 53.5767, 0.2295, 0.2645 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 203, 255) }
```

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

```
.background{ background-color: rgb(115,  
203, 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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