

Converting Colors

$Yxy(55.0119, 0.2112, 0.2352)$

Have a look what the booklet for
Yxy(55.0119, 0.2112, 0.2352)
contains.

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Color

Yxy(52.7329, 0.2215, 0.2645)

Conversions

Conversions Part 1

Format	Color
Hex	5DCCFF
RGB	93, 204, 255
RGB Percent	36%, 80%, 100%
CMY	0.6352, 0.2000, 0.0000
CMYK	0.64, 0.20, 0.00, 0.00
HSL	199°, 100%, 68%
HSV	199°, 64%, 100%
XYZ	44.1601, 52.7329, 102.4753
YIQ	176.6250, -82.5270, -7.6710

Conversions

Conversions Part 2

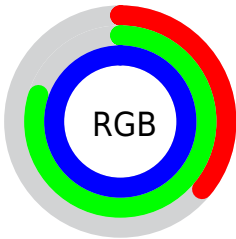
Format	Color
R _Y B	93, 159, 255
Decimal	6147327
CIE Lab	77.72, -16.69, -34.42
CIE LCh	78, 38.251, 244.123
Yxy	52.7329, 0.2215, 0.2645
Android (android.graphics.Color)	4284337407 (0xFF5DCCFF)
YUV	176.6250, 38.6389, -73.3391
Hunter-Lab	72.6174, -18.5312, -32.8359

Details

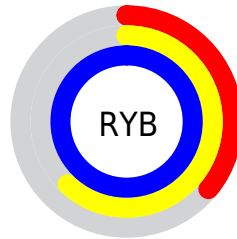
The Yxy color **52.7329, 0.2215, 0.2645** is a light color, and the websafe version is hex **66CCFF**. The color can be described as light muted cyan. A complement of this color would be **42.0019, 0.4798, 0.3789**, and the grayscale version is **43.5879, 0.3127, 0.3290**.

A 20% lighter version of the original color is **85.9081, 0.2592, 0.3288**, and **25.8899, 0.2023, 0.2482** is the 20% darker color. If you saturate the color by 10%, you get **47.8983, 0.2115, 0.2524**, and if you desaturate by 10%, it is **58.2088, 0.2333, 0.2764**.

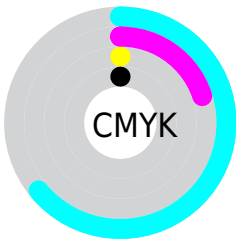
Distribution



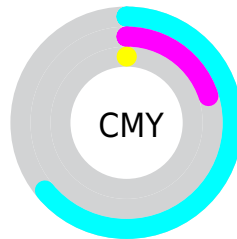
- Red (36%)
- Green (80%)
- Blue (100%)



- Red (36%)
- Yellow (62%)
- Blue (100%)



- Cyan (64%)
- Magenta (20%)
- Yellow (0%)
- Black (0%)




- Cyan (64%)
- Magenta (20%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 52.7329, 0.2215, 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 52.7329, 0.2215, 0.2645 by changing the saturation by 10% instead.

 52.7329, 0.2215,
0.2645


 52.7329, 0.2215,
0.2645

397.2595, 0.2642,
0.2963


 37.5896, 0.2118,
0.2569


 94.2112, 0.2363,
0.2758


 25.6643, 0.2000,
0.2474


 121.3150, 0.2420,
0.2802

 16.5727, 0.1851,
0.2351


 153.1744, 0.2470,
0.2838

 9.9303, 0.1662,
0.2189

 190.1738, 0.2513,
0.2870

 5.3528, 0.1415,
0.1967

232.6977, 0.2551,
0.2898

 2.4557, 0.1089,
0.1652

281.1303, 0.2585,

 0.8543, 0.0572,

0.2922

0.1208

335.8561, 0.2615,
0.2944

0.0000, 0.0000,
0.0000

52.7329, 0.2215,
0.2645

52.7329, 0.2215,
0.2645

47.8983, 0.2115,
0.2524

58.2088, 0.2333,
0.2764

43.6543, 0.2035,
0.2402

64.3669, 0.2466,
0.2878

39.9424, 0.1976,
0.2282

71.2459, 0.2611,
0.2986

37.7687, 0.1946,
0.2206

78.8807, 0.2762,
0.3086

87.3034, 0.2917,
0.3179

96.5440, 0.3073,
0.3263

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.



52.7329, 0.2236, 0.3006



52.7329, 0.2215, 0.2645



52.7329, 0.2409, 0.2483

Triad

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



52.7329, 0.2215, 0.2645



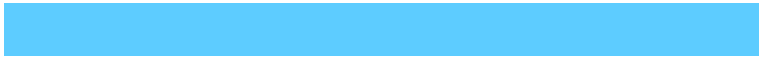
52.7329, 0.3799, 0.3049



52.7329, 0.3401, 0.4214

Complementary

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



52.7329, 0.2215, 0.2645



42.0019, 0.4798, 0.3789

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.



52.7329, 0.3853, 0.4138



52.7329, 0.2215, 0.2645



52.7329, 0.4107, 0.3446

Square

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



52.7329, 0.2215, 0.2645



52.7329, 0.3303, 0.2720



52.7329, 0.4122, 0.3840



52.7329, 0.2896, 0.3980

Rectangle

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



52.7329, 0.2215, 0.2645



52.7329, 0.2648, 0.2486



52.7329, 0.4122, 0.3840



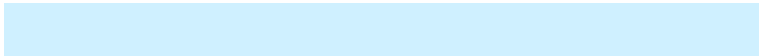
52.7329, 0.3564, 0.4221

Sweetspot

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



52.7335, 0.2215, 0.2645



82.5912, 0.2832, 0.3129



75.7893, 0.2845, 0.4778



17.1717, 0.2787, 0.3102



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.



52.7335, 0.2215, 0.2645



46.7943, 0.2093, 0.2494



24.3198, 0.1971, 0.1600



19.4600, 0.2980, 0.3213



20.0147, 0.1952, 0.2225



2.1448, 0.1989, 0.2361

Inverse Universe

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



33.4510, 0.3734, 0.2228



28.5131, 0.3903, 0.2113



74.6141, 0.4207, 0.4516



18.1973, 0.3187, 0.3128



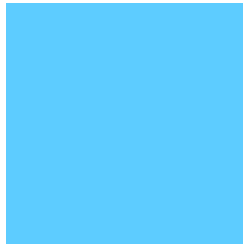
12.7485, 0.4205, 0.2090



1.2611, 0.4063, 0.2012

Previews

White Background



This preview shows how the Yxy color 52.7329, 0.2215, 0.2645 looks on a white background.

Color Contrast Check

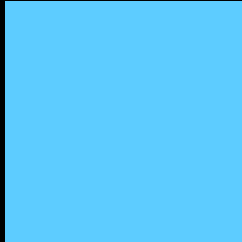
Large Text (above 18pt) WCAG AA × Fail

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 52.7329, 0.2215, 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

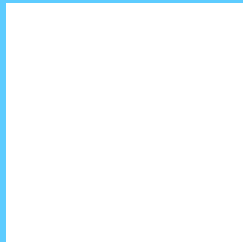
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 52.7329, 0.2215, 0.2645

Background



This preview shows how black text looks on a background with the Yxy color 52.7329, 0.2215, 0.2645.



This preview shows how white text looks on a background with the Yxy color 52.7329, 0.2215, 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

52.7329, 0.2215, 0.2645

Protanopia

52.2740, 0.2662, 0.2642

Deuteranopia

51.9571, 0.2565, 0.2512



Tritanopia

52.7116, 0.2301, 0.3057

Trichromacy



Original Color

52.7329, 0.2215, 0.2645

Protanomaly

51.4719, 0.2456, 0.2629

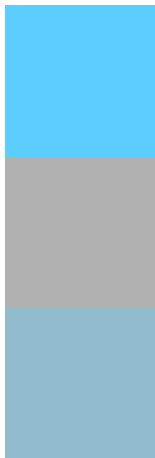
Deuteranomaly

51.6432, 0.2406, 0.2553

Tritanomaly

52.5791, 0.2264, 0.2891

Monochromacy



Original Color

52.7329, 0.2215, 0.2645

Achromatopsia

43.9657, 0.3127, 0.3290

Achromatomaly

46.0594, 0.2688, 0.3046

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.7329, 0.2215, 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(93, 204, 255)` looks like.

```
.text, #text, p{  
    color:rgb(93, 204, 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(93, 204, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(93, 204, 255) }
```

Border

The CSS property to change the border of an element to Yxy 52.7329, 0.2215, 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(93, 204, 255) }
```

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

```
.border{ border-color:rgb(93, 204, 255) }
```

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

Here you see how a box with a 4 pixel rgb(93, 204, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(93, 204, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(93, 204, 255);  
box-shadow:4px 4px 4px 4px rgb(93, 204,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 52.7329, 0.2215, 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(93, 204, 255) }
```

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

```
.background{ background-color: rgb(93, 204,  
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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