

Converting Colors

$Yxy(43.9815, 0.2163, 0.2518)$

Have a look what the booklet for
Yxy(43.9815, 0.2163, 0.2518)
contains.

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Color

Yxy(43.9271, 0.2162, 0.2517)

Conversions

Conversions Part 1

Format	Color
Hex	52BBF5
RGB	82, 187, 245
RGB Percent	32%, 73%, 96%
CMY	0.6783, 0.2667, 0.0393
CMYK	0.67, 0.24, 0.00, 0.04
HSL	201°, 89%, 64%
HSV	201°, 67%, 96%
XYZ	37.7316, 43.9271, 92.8630
YIQ	162.2170, -81.1980, -4.2220

Conversions

Conversions Part 2

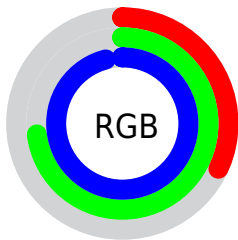
Format	Color
R_{YB}	82, 146, 245
Decimal	5422069
CIE _{Lab}	72.18, -12.61, -37.63
CIE _{LCh}	72, 39.690, 251.472
Yxy	43.9271, 0.2162, 0.2517
Android (android.graphics.Color)	4283612149 (0xFF52BBF5)
YUV	162.2170, 40.8120, -70.3503
Hunter-Lab	66.2775, -14.3662, -36.6783

Details

The Yxy color **43.9271, 0.2162, 0.2517** is a light color, and the websafe version is hex **66CCFF**. The color can be described as light muted azure. A complement of this color would be **38.7834, 0.4843, 0.3868**, and the grayscale version is **36.0775, 0.3127, 0.3290**.

A 20% lighter version of the original color is **77.5242, 0.2526, 0.3152**, and **20.6810, 0.1979, 0.2326** is the 20% darker color. If you saturate the color by 10%, you get **39.4313, 0.2061, 0.2378**, and if you desaturate by 10%, it is **49.0424, 0.2281, 0.2653**.

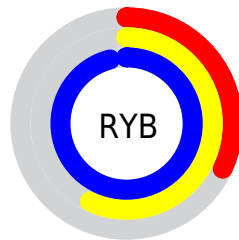
Distribution



Red (32%)

Green (73%)

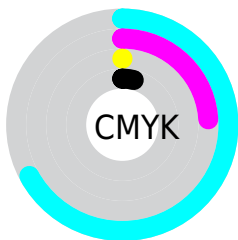
Blue (96%)



Red (32%)

Yellow (57%)

Blue (96%)

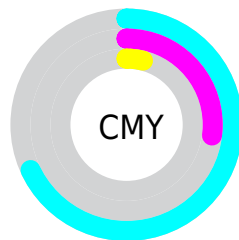


Cyan (67%)

Magenta (24%)

Yellow (0%)

Black (4%)



Cyan (68%)

Magenta (27%)

Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 43.9271, 0.2162, 0.2517 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 43.9271, 0.2162, 0.2517 by changing the saturation by 10% instead.

43.9271, 0.2162,
0.2517

43.9271, 0.2162,
0.2517

362.4107, 0.2626,
0.2903

30.6132, 0.2054,
0.2423

81.1080, 0.2325,
0.2656

20.3045, 0.1921,
0.2305

105.7439, 0.2388,
0.2709

12.6166, 0.1752,
0.2153

134.9225, 0.2442,
0.2753

7.1651, 0.1536,
0.1950

169.0282, 0.2488,
0.2792

3.5655, 0.1252,
0.1673

208.4455, 0.2529,
0.2825

1.4336, 0.0881,
0.1287

253.5588, 0.2565,

0.2413, 0.0000,

0.2854

0.0513

304.7524, 0.2597,
0.2880

0.0000, 0.0000,
0.0000

43.9271, 0.2162,
0.2517

43.9271, 0.2162,
0.2517

39.4313, 0.2061,
0.2378

49.0424, 0.2281,
0.2653

35.5026, 0.1981,
0.2240

54.8139, 0.2416,
0.2785

32.0834, 0.1923,
0.2105

61.2801, 0.2561,
0.2910

30.9792, 0.1905,
0.2059

68.4743, 0.2714,
0.3027

76.4277, 0.2870,
0.3134

■ 85.1689, 0.3027,
0.3232

■ 94.7253, 0.3180,
0.3320

■ 99.3716, 0.3185,
0.3386

Harmonies

Analogous

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



43.9271, 0.2126, 0.2856



43.9271, 0.2162, 0.2517



43.9271, 0.2426, 0.2400

Triad

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



43.9271, 0.2162, 0.2517



43.9271, 0.3977, 0.3124



43.9271, 0.3285, 0.4286

Complementary

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



43.9271, 0.2162, 0.2517



38.7834, 0.4843, 0.3868

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.



43.9271, 0.3812, 0.4271



43.9271, 0.2162, 0.2517



43.9271, 0.4244, 0.3562

Square

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



43.9271, 0.2162, 0.2517



43.9271, 0.3462, 0.2744



43.9271, 0.4173, 0.3981



43.9271, 0.2742, 0.3945

Rectangle

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



43.9271, 0.2162, 0.2517



43.9271, 0.2715, 0.2436



43.9271, 0.4173, 0.3981



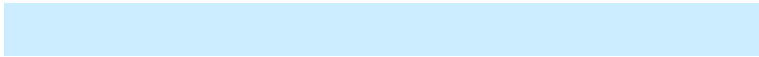
43.9271, 0.3470, 0.4320

Sweetspot

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



43.9286, 0.2162, 0.2517



80.5398, 0.2815, 0.3097



68.9574, 0.2806, 0.4744



16.7134, 0.2771, 0.3067



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.



43.9286, 0.2162, 0.2517



41.5463, 0.2030, 0.2328



18.7956, 0.1897, 0.1417



17.7077, 0.2980, 0.3204



16.9624, 0.1911, 0.2080



1.6843, 0.1958, 0.2249

Inverse Universe

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



29.0387, 0.3858, 0.2257



27.0219, 0.4075, 0.2163



71.4916, 0.4194, 0.4619



16.6623, 0.3193, 0.3139



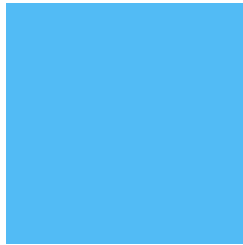
11.8117, 0.4363, 0.2177



1.0577, 0.4180, 0.2076

Previews

White Background



This preview shows how the Yxy color 43.9271, 0.2162, 0.2517 looks on a white background.

Color Contrast Check

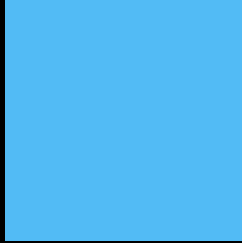
Large Text (above 18pt) WCAG AA × Fail

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 43.9271, 0.2162, 0.2517 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

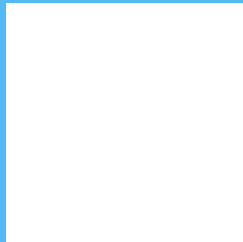
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 43.9271, 0.2162, 0.2517

Background



This preview shows how black text looks on a background with the Yxy color 43.9271, 0.2162, 0.2517.



This preview shows how white text looks on a background with the Yxy color 43.9271, 0.2162, 0.2517.

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

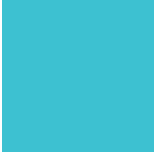
43.9271, 0.2162, 0.2517

Protanopia

43.6412, 0.2572, 0.2526

Deuteranopia

43.5334, 0.2440, 0.2378



Tritanopia

43.7355, 0.2268, 0.3052

Trichromacy



Original Color

43.9271, 0.2162, 0.2517

Protanomaly

43.2975, 0.2384, 0.2514

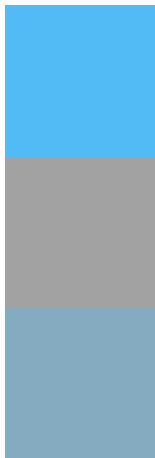
Deuteranomaly

43.3156, 0.2313, 0.2422

Tritanomaly

43.8007, 0.2228, 0.2847

Monochromacy



Original Color

43.9271, 0.2162, 0.2517

Achromatopsia

36.1307, 0.3127, 0.3290

Achromatomaly

37.9181, 0.2656, 0.2984

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.9271, 0.2162, 0.2517 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(82, 187, 245)` looks like.

```
.text, #text, p{  
    color:rgb(82, 187, 245)  
}
```

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(82, 187, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(82, 187, 245) }
```

Border

The CSS property to change the border of an element to Yxy 43.9271, 0.2162, 0.2517 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(82, 187, 245) }
```

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

```
.border{ border-color:rgb(82, 187, 245) }
```

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

Here you see how a box with a 4 pixel `rgb(82, 187, 245)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(82, 187, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(82, 187, 245);  
box-shadow:4px 4px 4px 4px rgb(82, 187,  
245) }
```


Background

The CSS property to change the background color of an element to Yxy 43.9271, 0.2162, 0.2517 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(82, 187, 245) }
```

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

```
.background{ background-color: rgb(82, 187,  
245) }
```

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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