

Converting Colors

$Yxy(47.2516, 0.2246, 0.2699)$

Have a look what the booklet for
Yxy(47.2516, 0.2246, 0.2699)
contains.

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Color

Yxy(47.0909, 0.2244, 0.2690)

Conversions

Conversions Part 1

Format	Color
Hex	5CC2EF
RGB	92, 194, 239
RGB Percent	36%, 76%, 94%
CMY	0.6393, 0.2392, 0.0627
CMYK	0.62, 0.19, 0.00, 0.06
HSL	198°, 82%, 65%
HSV	198°, 62%, 94%
XYZ	39.2833, 47.0909, 88.6849
YIQ	168.6320, -75.2370, -7.6290

Conversions

Conversions Part 2

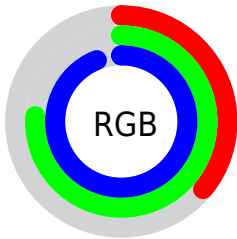
Format	Color
R _Y B	92, 152, 239
Decimal	6079215
CIE Lab	74.25, -16.56, -31.18
CIE LCh	74, 35.302, 242.031
Yxy	47.0909, 0.2244, 0.2690
Android (android.graphics.Color)	4284269295 (0xFF5CC2EF)
YUV	168.6320, 34.6914, -67.2063
Hunter-Lab	68.6228, -17.9072, -28.5877

Details

The Yxy color **47.0909, 0.2244, 0.2690** 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 **37.0069, 0.4728, 0.3765**, and the grayscale version is **39.3358, 0.3127, 0.3290**.

A 20% lighter version of the original color is **83.0844, 0.2572, 0.3244**, and **22.1751, 0.2032, 0.2513** is the 20% darker color. If you saturate the color by 10%, you get **42.8738, 0.2141, 0.2573**, and if you desaturate by 10%, it is **51.8597, 0.2364, 0.2804**.

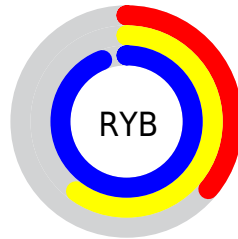
Distribution



Red (36%)

Green (76%)

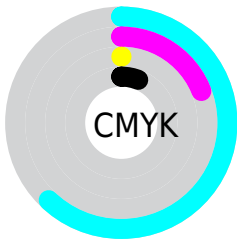
Blue (94%)



Red (36%)

Yellow (60%)

Blue (94%)

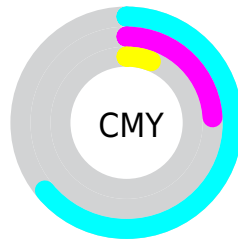


Cyan (62%)

Magenta (19%)

Yellow (0%)

Black (6%)



Cyan (64%)

Magenta (24%)

Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 47.0909, 0.2244, 0.2690 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 47.0909, 0.2244, 0.2690 by changing the saturation by 10% instead.

47.0909, 0.2244,
0.2690

47.0909, 0.2244,
0.2690

375.1772, 0.2666,
0.2993

33.1075, 0.2146,
0.2615

85.8493, 0.2392,
0.2800

22.2088, 0.2024,
0.2520

111.3931, 0.2450,
0.2841

14.0104, 0.1869,
0.2396

141.5592, 0.2499,
0.2876

8.1279, 0.1669,
0.2229

176.7319, 0.2541,
0.2906

4.1769, 0.1402,
0.1993

217.2957, 0.2578,
0.2932

1.7730, 0.1041,
0.1646

263.6349, 0.2611,

0.4703, 0.0096,

0.2955

0.1059

316.1339, 0.2640,
0.2975

0.0000, 0.0000,
0.0000

47.0909, 0.2244,
0.2690

47.0909, 0.2244,
0.2690

42.8738, 0.2141,
0.2573

51.8597, 0.2364,
0.2804

39.1631, 0.2058,
0.2456

57.2105, 0.2498,
0.2913

35.9127, 0.1996,
0.2339

63.1765, 0.2643,
0.3016

33.4538, 0.1956,
0.2242

69.7869, 0.2794,
0.3111

77.0684, 0.2949,
0.3199

85.0462, 0.3104,
0.3279

92.9243, 0.3228,
0.3350

97.4432, 0.3222,
0.3421

99.0124, 0.3220,
0.3444

Harmonies

Analogous

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



47.0909, 0.2280, 0.3050



47.0909, 0.2244, 0.2690



47.0909, 0.2417, 0.2519

Triad

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



47.0909, 0.2244, 0.2690



47.0909, 0.3742, 0.3034



47.0909, 0.3425, 0.4178

Complementary

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



47.0909, 0.2244, 0.2690



37.0069, 0.4728, 0.3765

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.



47.0909, 0.3850, 0.4090



47.0909, 0.2244, 0.2690



47.0909, 0.4054, 0.3415

Square

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



47.0909, 0.2244, 0.2690



47.0909, 0.3262, 0.2723



47.0909, 0.4089, 0.3797



47.0909, 0.2939, 0.3973

Rectangle

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



47.0909, 0.2244, 0.2690



47.0909, 0.2640, 0.2512



47.0909, 0.4089, 0.3797



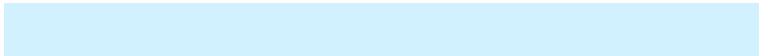
47.0909, 0.3580, 0.4179

Sweetspot

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



47.0926, 0.2244, 0.2690



83.6723, 0.2847, 0.3143



65.7908, 0.2849, 0.4718



17.3970, 0.2803, 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.



47.0926, 0.2244, 0.2690



48.4343, 0.2116, 0.2541



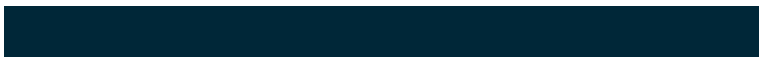
22.2727, 0.2010, 0.1666



17.0649, 0.2981, 0.3216



18.7287, 0.1961, 0.2260



1.7330, 0.2003, 0.2412

Inverse Universe

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



29.8963, 0.3689, 0.2243



29.2342, 0.3853, 0.2113



65.0198, 0.4171, 0.4485



15.9442, 0.3185, 0.3127



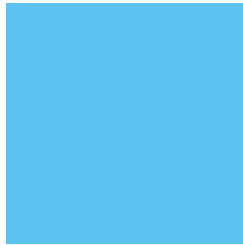
11.6840, 0.4168, 0.2070



0.9897, 0.4011, 0.1983

Previews

White Background



This preview shows how the Yxy color 47.0909, 0.2244, 0.2690 looks on a white background.

Color Contrast Check

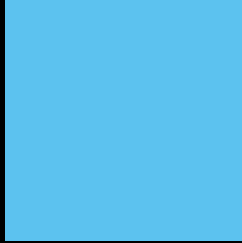
Large Text (above 18pt) WCAG AA × Fail

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 47.0909, 0.2244, 0.2690 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

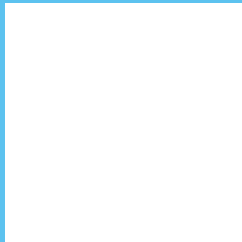
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 47.0909, 0.2244, 0.2690

Background



This preview shows how black text looks on a background with the Yxy color 47.0909, 0.2244, 0.2690.

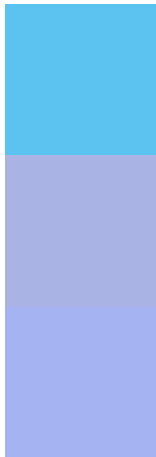


This preview shows how white text looks on a background with the Yxy color 47.0909, 0.2244, 0.2690.

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

47.0909, 0.2244, 0.2690

Protanopia

46.6790, 0.2694, 0.2693

Deuteranopia

46.6503, 0.2579, 0.2524



Tritanopia

46.9487, 0.2323, 0.3061

Trichromacy



Original Color

47.0909, 0.2244, 0.2690

Protanomaly

46.1868, 0.2493, 0.2684

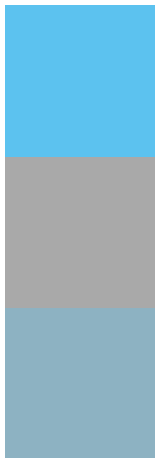
Deuteranomaly

46.0351, 0.2425, 0.2567

Tritanomaly

47.1450, 0.2294, 0.2927

Monochromacy



Original Color

47.0909, 0.2244, 0.2690

Achromatopsia

39.6755, 0.3127, 0.3290

Achromatomaly

41.3986, 0.2711, 0.3063

CSS Examples

Text

The CSS property to change the color of the text to Yxy 47.0909, 0.2244, 0.2690 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(92, 194, 239)` looks like.

```
.text, #text, p{  
    color:rgb(92, 194, 239)  
}
```

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(92, 194, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 194, 239) }
```

Border

The CSS property to change the border of an element to Yxy 47.0909, 0.2244, 0.2690 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(92, 194, 239) }
```

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

```
.border{ border-color:rgb(92, 194, 239) }
```

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

Here you see how a box with a 4 pixel `rgb(92, 194, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(92, 194, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(92, 194, 239);  
box-shadow:4px 4px 4px 4px rgb(92, 194,  
239) }
```


Background

The CSS property to change the background color of an element to Yxy 47.0909, 0.2244, 0.2690 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(92, 194, 239) }
```

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

```
.background{ background-color: rgb(92, 194,  
239) }
```

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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