

Converting Colors

$Y_{xy}(53.7169, 0.2394, 0.2809)$

Have a look what the booklet for
Yxy(53.7169, 0.2394, 0.2809)
contains.

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Color

Yxy(53.8816, 0.2395, 0.2809)

Conversions

Conversions Part 1

Format	Color
Hex	7CCC F2
RGB	124, 204, 242
RGB Percent	49%, 80%, 95%
CMY	0.5135, 0.2000, 0.0509
CMYK	0.49, 0.16, 0.00, 0.05
HSL	199°, 82%, 72%
HSV	199°, 49%, 95%
XYZ	45.9403, 53.8816, 91.9958
YIQ	184.4120, -59.8780, -5.1420

Conversions

Conversions Part 2

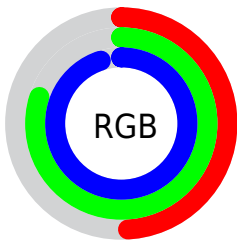
Format	Color
RYB	124, 172, 242
Decimal	8178930
CIELab	78.39, -14.47, -26.33
CIElCh	78, 30.043, 241.205
Yxy	53.8816, 0.2395, 0.2809
Android (android.graphics.Color)	4286369010 (0xFF7CCCF2)
YUV	184.4120, 28.3909, -52.9813
Hunter-Lab	73.4041, -16.7420, -22.9240

Details

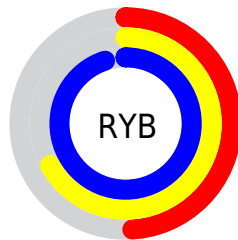
The Yxy color **53.8816, 0.2395, 0.2809** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **46.2096, 0.4269, 0.3708**, and the grayscale version is **48.0463, 0.3127, 0.3290**.

A 20% lighter version of the original color is **88.6851, 0.2711, 0.3289**, and **26.4479, 0.2216, 0.2679** is the 20% darker color. If you saturate the color by 10%, you get **48.6789, 0.2268, 0.2690**, and if you desaturate by 10%, it is **59.7167, 0.2534, 0.2923**.

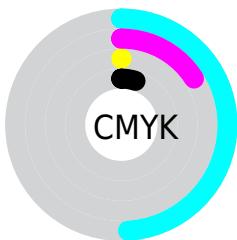
Distribution



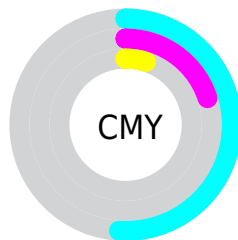
- Red (49%)
- Green (80%)
- Blue (95%)



- Red (49%)
- Yellow (67%)
- Blue (95%)



- Cyan (49%)
- Magenta (16%)
- Yellow (0%)
- Black (5%)



- Cyan (51%)
- Magenta (20%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 53.8816, 0.2395, 0.2809 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 53.8816, 0.2395, 0.2809 by changing the saturation by 10% instead.

■ 53.8816, 0.2395,
0.2809

■ 53.8816, 0.2395,
0.2809

401.6584, 0.2741,
0.3047

■ 38.5070, 0.2315,
0.2751

■ 95.9004, 0.2516,
0.2894

■ 26.3764, 0.2216,
0.2678

■ 123.3134, 0.2563,
0.2927

■ 17.1055, 0.2091,
0.2583

■ 155.5079, 0.2603,
0.2954

■ 10.3097, 0.1928,
0.2455

192.8685, 0.2638,
0.2978

■ 5.6048, 0.1709,
0.2276

235.7794, 0.2668,
0.2999

■ 2.6063, 0.1403,
0.2009

284.6251, 0.2695,

■ 0.9298, 0.0912,

0.3017

0.1600

339.7899, 0.2719,
0.3033

0.0000, 0.0000,
0.0000

53.8816, 0.2395,
0.2809

53.8816, 0.2395,
0.2809

48.6789, 0.2268,
0.2690

59.7167, 0.2534,
0.2923

44.0668, 0.2158,
0.2567

66.2102, 0.2683,
0.3030

40.0071, 0.2067,
0.2442

73.3939, 0.2836,
0.3128

36.4525, 0.1996,
0.2318

81.2953, 0.2992,
0.3218

33.3351, 0.1945,
0.2197

89.9402, 0.3147,
0.3300

■ 32.9613, 0.1939,
0.2181

■ 96.5441, 0.3206,
0.3375

■ 99.1918, 0.3203,
0.3415

Harmonies

Analogous

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



53.8816, 0.2432, 0.3112



53.8816, 0.2395, 0.2809



53.8816, 0.2536, 0.2656

Triad

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



53.8816, 0.2395, 0.2809



53.8816, 0.3618, 0.3074



53.8816, 0.3388, 0.4007

Complementary

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



53.8816, 0.2395, 0.2809



46.2096, 0.4269, 0.3708

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.



53.8816, 0.3730, 0.3943



53.8816, 0.2395, 0.2809



53.8816, 0.3875, 0.3393

Square

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



53.8816, 0.2395, 0.2809



53.8816, 0.3229, 0.2814



53.8816, 0.3914, 0.3708



53.8816, 0.2990, 0.3845

Rectangle

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



53.8816, 0.2395, 0.2809



53.8816, 0.2720, 0.2644



53.8816, 0.3914, 0.3708



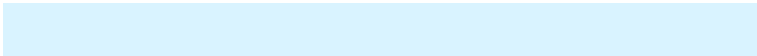
53.8816, 0.3513, 0.4009

Sweetspot

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



53.8836, 0.2395, 0.2809



85.8367, 0.2894, 0.3163



70.3923, 0.2874, 0.4346



17.9788, 0.2861, 0.3143



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.



53.8836, 0.2395, 0.2809



55.1330, 0.2275, 0.2697



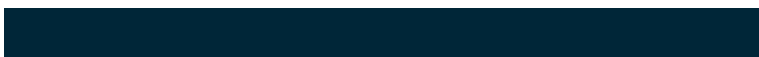
31.1639, 0.2246, 0.2024



17.0197, 0.2981, 0.3212



17.9625, 0.1945, 0.2202



1.6737, 0.1989, 0.2362

Inverse Universe

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



37.6711, 0.3556, 0.2447



36.3169, 0.3675, 0.2308



71.7299, 0.3946, 0.4291



15.9397, 0.3187, 0.3131



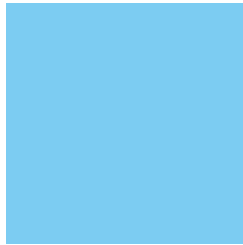
11.6067, 0.4231, 0.2104



0.9837, 0.4062, 0.2011

Previews

White Background



This preview shows how the Yxy color 53.8816, 0.2395, 0.2809 looks on a white background.

Color Contrast Check

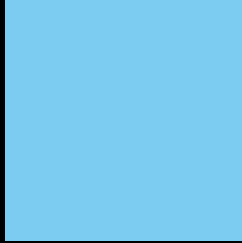
Large Text (above 18pt) WCAG AA × Fail

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 53.8816, 0.2395, 0.2809 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

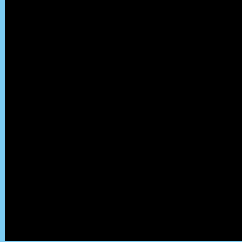
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 53.8816, 0.2395, 0.2809

Background



This preview shows how black text looks on a background with the Yxy color 53.8816, 0.2395, 0.2809.



This preview shows how white text looks on a background with the Yxy color 53.8816, 0.2395, 0.2809.

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

53.8816, 0.2395, 0.2809

Protanopia

53.3351, 0.2780, 0.2792

Deuteranopia

53.1781, 0.2703, 0.2640



Tritanopia

53.8590, 0.2460, 0.3065

Trichromacy



Original Color

53.8816, 0.2395, 0.2809

Protanomaly

53.2174, 0.2620, 0.2801

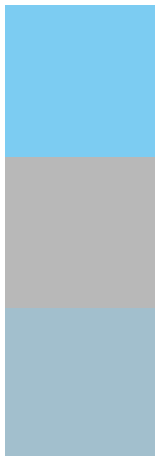
Deuteranomaly

52.7966, 0.2572, 0.2688

Tritanomaly

53.9052, 0.2433, 0.2965

Monochromacy



Original Color

53.8816, 0.2395, 0.2809

Achromatopsia

47.9320, 0.3127, 0.3290

Achromatomaly

49.3508, 0.2805, 0.3107

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.8816, 0.2395, 0.2809 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(124, 204, 242)` looks like.

```
.text, #text, p{  
    color:rgb(124, 204, 242)  
}
```

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(124, 204, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 204, 242) }
```

Border

The CSS property to change the border of an element to Yxy 53.8816, 0.2395, 0.2809 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(124, 204, 242) }
```

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

```
.border{ border-color:rgb(124, 204, 242) }
```

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

Here you see how a box with a 4 pixel rgb(124, 204, 242) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 204, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 204, 242);  
box-shadow:4px 4px 4px 4px rgb(124, 204,  
242) }
```


Background

The CSS property to change the background color of an element to Yxy 53.8816, 0.2395, 0.2809 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 204, 242) }
```

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

```
.background{ background-color: rgb(124,  
204, 242) }
```

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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