

Converting Colors

XYZ(60.5081, 60.1364, 93.5801)

Have a look what the booklet for
XYZ(60.5081, 60.1364, 93.5801)
contains.

XYZ(60.3851, 59.9217, 93.1774)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(60.3851, 59.9217,
93.1774)**

Conversions

Conversions Part 1

Format	Color
Hex	C7C8F3
RGB	199, 200, 243
RGB Percent	78%, 78%, 95%
CMY	0.2196, 0.2157, 0.0471
CMYK	0.18, 0.18, 0.00, 0.05
HSL	239°, 65%, 87%
HSV	239°, 18%, 95%
XYZ	60.3851, 59.9217, 93.1774
YIQ	204.6030, -14.3990, 13.1610

Conversions

Conversions Part 2

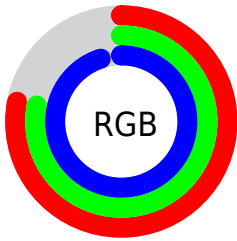
Format	Color
R _Y B	199, 200, 243
Decimal	13093107
CIE Lab	81.80, 8.30, -21.27
CIE LCh	82, 22.830, 291.321
Yxy	59.9217, 0.2829, 0.2807
Android (android.graphics.Color)	4291283187 (0xFFC7C8F3)
YUV	204.6030, 18.9297, -4.9138
Hunter-Lab	77.4091, 3.7779, -17.1810

Details

The XYZ color **60.3851, 59.9217, 93.1774** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **79.0236, 86.6824, 66.6007**, and the grayscale version is **57.6680, 60.6712, 66.0710**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **30.9256, 30.1654, 51.2063** is the 20% darker color. If you saturate the color by 10%, you get **49.3662, 46.7025, 91.2076**, and if you desaturate by 10%, it is **73.2914, 75.3849, 95.4828**.

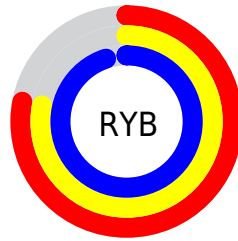
Distribution



Red (78%)

Green (78%)

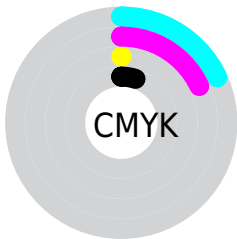
Blue (95%)



Red (78%)

Yellow (78%)

Blue (95%)

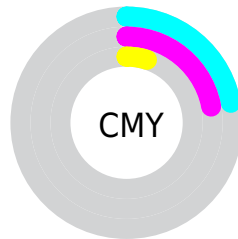


Cyan (18%)

Magenta (18%)

Yellow (0%)

Black (5%)



Cyan (22%)

Magenta (22%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 60.3851, 59.9217, 93.1774 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 XYZ color 60.3851, 59.9217, 93.1774 by changing the saturation by 10% instead.

■ 60.3851, 59.9217,
93.1774

■ 60.3851, 59.9217,
93.1774

415.8278,
424.3091, 559.1481

■ 43.9798, 43.3555,
70.0305

104.4913,
104.7161, 153.7180

■ 30.8524, 30.1642,
51.0744

132.9228,
133.7131, 191.9488

■ 20.6378, 19.9632,
35.8907

166.0938,
167.6225, 236.0446

■ 12.9704, 12.3683,
24.0608

204.3696,
206.8286, 286.4240

■ 7.4851, 6.9950,
15.1661

248.1155,
251.7160, 343.5055

■ 3.8163, 3.4590,
8.7881

297.6970,

■ 1.5987, 1.3758,

302.6689, 407.7077

4.5083

353.4793,
360.0718, 479.4490

■ 0.3916, 0.1988,
1.9081

■ 0.0000, 0.0000,
0.4979

■ 60.3851, 59.9217,
93.1774

■ 60.3851, 59.9217,
93.1774

■ 49.3662, 46.7025,
91.2076

■ 73.2914, 75.3849,
95.4828

■ 40.1410, 35.6160,
89.5539

■ 88.1618, 93.1815,
98.1342

■ 32.6163, 26.5529,
88.2011

■ 93.1778, 99.2511,
99.0414

■ 26.6882, 19.3910,
87.1312

■ 22.2416, 13.9950,
86.3240

■ 19.1458, 10.2118,
85.7569

■ 17.2474, 7.8623,
85.4035

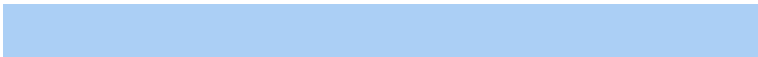
■ 16.3443, 6.7186,
85.2303

■ 16.2379, 6.5913,
85.2114

Harmonies

Analogous

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



55.5688, 59.9217, 95.1061



60.3851, 59.9217, 93.1774



64.4875, 59.9217, 83.2480

Triad

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



60.3851, 59.9217, 93.1774



62.9348, 59.9217, 46.6653



48.2870, 59.9217, 61.3267

Complementary

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



60.3851, 59.9217, 93.1774



79.0236, 86.6824, 66.6007

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.



50.0309, 59.9217, 50.0441



60.3851, 59.9217, 93.1774



58.3615, 59.9217, 42.3962

Square

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



60.3851, 59.9217, 93.1774



66.0164, 59.9217, 56.0751



53.6550, 59.9217, 43.5395



48.7610, 59.9217, 75.3628

Rectangle

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



60.3851, 59.9217, 93.1774



66.1775, 59.9217, 74.1054



53.6550, 59.9217, 43.5395



48.6295, 59.9217, 57.1198

Sweetspot

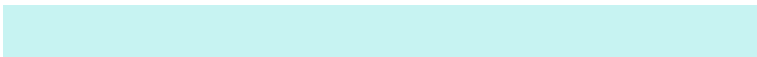
The Sweet Spot groups the original color and five complimentary colors.



60.3870, 59.9242, 93.1787



86.6670, 89.9679, 107.4054



71.5620, 82.6272, 95.8153



18.3078, 18.9665, 22.9459



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



60.3870, 59.9242, 93.1787



62.2721, 60.7392, 103.0495



65.9765, 62.4623, 93.3741



15.6114, 15.9871, 20.8056



8.9249, 3.6436, 46.7709



0.7949, 0.3411, 4.1142

Inverse Universe

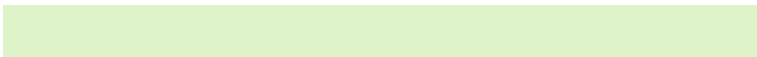
The Inverse Universe completely reimagines the original color for something new.



67.8124, 64.0732, 63.4395



72.0865, 66.2393, 63.7385



72.6279, 83.8292, 66.3871



16.5144, 16.4886, 17.1896



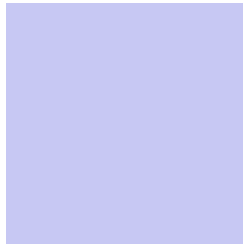
20.3094, 10.4672, 1.0717



1.7903, 0.9221, 0.1220

Previews

White Background



This preview shows how the XYZ color 60.3851, 59.9217, 93.1774 looks on a white background.

Color Contrast Check

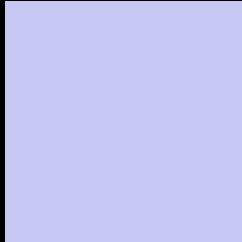
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 60.3851, 59.9217, 93.1774 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](#).

XYZ 60.3851, 59.9217, 93.1774

Background



This preview shows how black text looks on a background with the XYZ color 60.3851, 59.9217, 93.1774.



This preview shows how white text looks on a background with the XYZ color 60.3851, 59.9217,

93.1774.

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

60.3851, 59.9217, 93.1774

Protanopia

59.4639, 59.7743, 93.9915

Deuteranopia

61.2297, 60.0144, 93.1508



Tritanopia

57.0168, 59.9551, 76.2775

Trichromacy



Original Color

60.3851, 59.9217, 93.1774

Protanomaly

59.9807, 60.0407, 94.0156

Deuteranomaly

60.9582, 59.8745, 93.1381

Tritanomaly

58.1245, 60.0491, 81.9259

Monochromacy



Original Color

60.3851, 59.9217, 93.1774

Achromatopsia

58.0276, 61.0496, 66.4830

Achromatomaly

58.7707, 60.5229, 75.6024

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.3851, 59.9217, 93.1774 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(199, 200, 243)` looks like.

```
.text, #text, p{  
    color:rgb(199, 200, 243)  
}
```

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(199, 200, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 200, 243) }
```

Border

The CSS property to change the border of an element to XYZ 60.3851, 59.9217, 93.1774 is called "border". The border property can be set on classes, ids or directly on the HTML element.

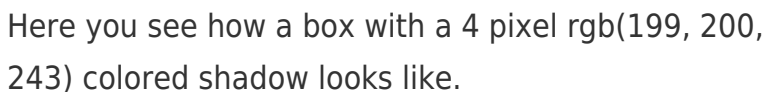
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(199, 200, 243) }
```


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

```
.border{ border-color:rgb(199, 200, 243) }
```

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



Here you see how a box with a 4 pixel `rgb(199, 200, 243)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(199, 200, 243); -webkit-box-shadow:4px 4px 4px 4px rgb(199, 200, 243); box-shadow:4px 4px 4px 4px rgb(199, 200, 243) }
```

Background

The CSS property to change the background color of an element to XYZ 60.3851, 59.9217, 93.1774 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 200, 243) }
```

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

```
.background{ background-color: rgb(199,  
200, 243) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor