

Converting Colors

XYZ(59.7693, 59.8964, 95.5998)

Have a look what the booklet for
XYZ(59.7693, 59.8964, 95.5998)
contains.

XYZ(59.7693, 59.8964, 95.5998)	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(59.7693, 59.8964,
95.5998)**

Conversions

Conversions Part 1

Format	Color
Hex	C2C9F6
RGB	194, 201, 246
RGB Percent	76%, 79%, 96%
CMY	0.2392, 0.2117, 0.0353
CMYK	0.21, 0.18, 0.00, 0.04
HSL	232°, 74%, 86%
HSV	232°, 21%, 96%
XYZ	59.7693, 59.8964, 95.5998
YIQ	204.0370, -18.6170, 12.5110

Conversions

Conversions Part 2

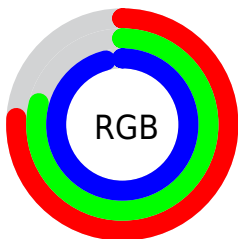
Format	Color
RYB	194, 200, 246
Decimal	12765686
CIELab	81.78, 6.89, -22.92
CIELCh	82, 23.937, 286.739
Yxy	59.8964, 0.2777, 0.2782
Android (android.graphics.Color)	4290955766 (0xFFC2C9F6)
YUV	204.0370, 20.6878, -8.8024
Hunter-Lab	77.3928, 2.4156, -19.0633

Details

The XYZ color **59.7693, 59.8964, 95.5998** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **78.6108, 85.2211, 63.3466**, and the grayscale version is **57.3012, 60.2853, 65.6507**.

A 20% lighter version of the original color is **93.5937, 99.2492, 108.8318**, and **30.5432, 30.1606, 52.9270** is the 20% darker color. If you saturate the color by 10%, you get **49.3475, 47.6617, 93.7885**, and if you desaturate by 10%, it is **71.9277, 74.0502, 97.6919**.

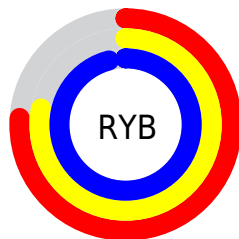
Distribution



Red (76%)

Green (79%)

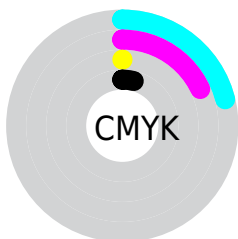
Blue (96%)



Red (76%)

Yellow (78%)

Blue (96%)

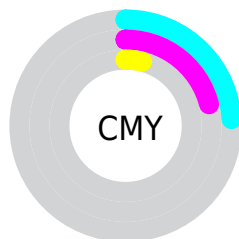


Cyan (21%)

Magenta (18%)

Yellow (0%)

Black (4%)



Cyan (24%)

Magenta (21%)

Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 59.7693, 59.8964, 95.5998 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 59.7693, 59.8964, 95.5998 by changing the saturation by 10% instead.

■ 59.7693, 59.8964,
95.5998

■ 59.7693, 59.8964,
95.5998

413.5953,
424.2158, 567.1167

■ 43.4815, 43.3351,
72.0346

■ 103.6032,
104.6794, 157.0957

■ 30.4592, 30.1482,
52.7000

131.8799,
133.6699, 195.8635

■ 20.3372, 19.9511,
37.1772

164.8837,
167.5722, 240.5360

■ 12.7501, 12.3595,
25.0479

202.9799,
206.7708, 291.5316

■ 7.3325, 6.9890,
15.8934

246.5337,
251.6501, 349.2690

■ 3.7191, 3.4552,
9.2952

295.9107,

■ 1.5445, 1.3738,

302.5944, 414.1666

4.8348

351.4761,
359.9882, 486.6430

■ 0.3558, 0.1973,
2.0936

■ 0.0000, 0.0000,
0.6120

■ 59.7693, 59.8964,
95.5998

■ 59.7693, 59.8964,
95.5998

■ 49.3475, 47.6617,
93.7885

■ 71.9277, 74.0502,
97.6919

■ 40.5771, 37.2559,
92.2423

■ 85.8913, 90.1934,
100.0719

■ 33.3743, 28.5929,
90.9498

■ 93.6347, 99.4339,
101.4474

■ 27.6453, 21.5761,
89.8974

■ 23.2866, 16.0999,
89.0701

■ 20.1805, 12.0458,
88.4512

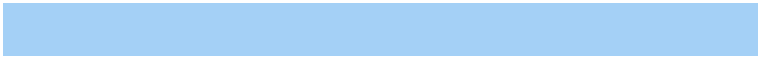
■ 18.1888, 9.2773,
88.0219

■ 17.1820, 7.7485,
87.7798

Harmonies

Analogous

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



54.7336, 59.8964, 96.1640



59.7693, 59.8964, 95.5998



64.2896, 59.8964, 86.1671

Triad

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



59.7693, 59.8964, 95.5998



63.8392, 59.8964, 47.0068



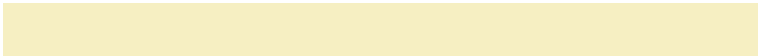
48.0010, 59.8964, 59.0502

Complementary

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



59.7693, 59.8964, 95.5998



78.6108, 85.2211, 63.3466

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.



50.1542, 59.8964, 47.9718



59.7693, 59.8964, 95.5998



59.1838, 59.8964, 41.7432

Square

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



59.7693, 59.8964, 95.5998



66.7327, 59.8964, 57.5390



54.1816, 59.8964, 42.0681



48.1371, 59.8964, 73.5494

Rectangle

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



59.7693, 59.8964, 95.5998



66.3140, 59.8964, 76.8141



54.1816, 59.8964, 42.0681



48.4754, 59.8964, 54.8502

Sweetspot

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



59.7712, 59.8988, 95.6012



85.5642, 89.0544, 107.2872



70.6672, 83.5669, 93.4497



18.1026, 18.8166, 22.9278



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.



59.7712, 59.8988, 95.6012



60.2146, 59.5605, 102.9304



63.1368, 59.2658, 95.3016



15.7610, 16.2864, 20.8555



9.2279, 4.2496, 46.8719



0.8661, 0.4836, 4.1379

Inverse Universe

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



67.8420, 62.3951, 63.7287



70.3313, 62.7931, 62.9553



74.6261, 86.2690, 63.7589



16.5900, 16.5188, 17.5873



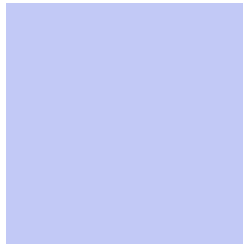
20.4623, 10.5284, 1.8771



1.8262, 0.9365, 0.3113

Previews

White Background



This preview shows how the XYZ color 59.7693, 59.8964, 95.5998 looks on a white background.

Color Contrast Check

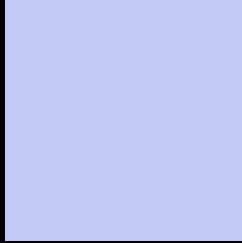
Large Text (above 18pt) WCAG AA × Fail

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 59.7693, 59.8964, 95.5998 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

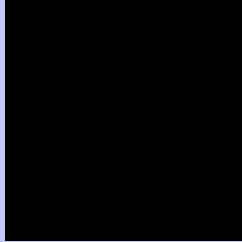
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 59.7693, 59.8964, 95.5998

Background



This preview shows how black text looks on a background with the XYZ color 59.7693, 59.8964, 95.5998.



This preview shows how white text looks on a background with the XYZ color 59.7693, 59.8964,

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

59.7693, 59.8964, 95.5998

Protanopia

59.5135, 59.7646, 95.5878

Deuteranopia

61.1454, 59.9182, 95.5314



Tritanopia

56.0024, 59.7554, 77.6895

Trichromacy



Original Color

59.7693, 59.8964, 95.5998

Protanomaly

59.5135, 59.7646, 95.5878

Deuteranomaly

60.5775, 59.9681, 95.5710

Tritanomaly

57.5025, 60.0316, 84.1579

Monochromacy



Original Color

59.7693, 59.8964, 95.5998

Achromatopsia

57.3938, 60.3827, 65.7568

Achromatomaly

57.9615, 60.1057, 75.5645

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.7693, 59.8964, 95.5998 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(194, 201, 246)` looks like.

```
.text, #text, p{  
    color:rgb(194, 201, 246)  
}
```

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(194, 201, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 201, 246) }
```

Border

The CSS property to change the border of an element to XYZ 59.7693, 59.8964, 95.5998 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(194, 201, 246) }
```


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

```
.border{ border-color:rgb(194, 201, 246) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 201, 246)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 201, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 201, 246);  
box-shadow:4px 4px 4px 4px rgb(194, 201,  
246) }
```

Background

The CSS property to change the background color of an element to XYZ 59.7693, 59.8964, 95.5998 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 201, 246) }
```

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

```
.background{ background-color: rgb(194,  
201, 246) }
```

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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