

Converting Colors

XYZ(59.8132, 62.9246, 75.2062)

Have a look what the booklet for
XYZ(59.8132, 62.9246, 75.2062)
contains.

XYZ(59.8394, 62.8702, 75.3110)	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(59.8394, 62.8702,
75.3110)**

Conversions

Conversions Part 1

Format	Color
Hex	CBD0DA
RGB	203, 208, 218
RGB Percent	80%, 82%, 85%
CMY	0.2039, 0.1843, 0.1451
CMYK	0.07, 0.05, 0.00, 0.15
HSL	220°, 17%, 83%
HSV	220°, 7%, 85%
XYZ	59.8394, 62.8702, 75.3110
YIQ	207.6450, -6.1900, 2.0500

Conversions

Conversions Part 2

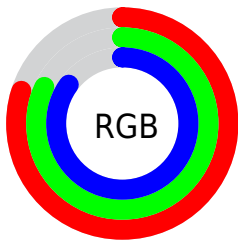
Format	Color
R _Y B	203, 207, 218
Decimal	13357274
CIE Lab	83.37, 0.20, -5.54
CIE LCh	83, 5.543, 272.054
Yxy	62.8702, 0.3022, 0.3175
Android (android.graphics.Color)	4291547354 (0xFFCBD0DA)
YUV	207.6450, 5.1050, -4.0737
Hunter-Lab	79.2907, -4.0478, -0.8106

Details

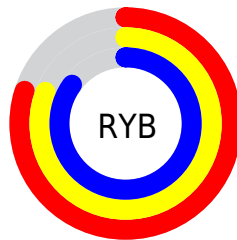
The XYZ color **59.8394, 62.8702, 75.3110** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **63.4875, 66.8054, 66.0497**, and the grayscale version is **59.6968, 62.8057, 68.3954**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **30.5609, 32.1451, 39.2442** is the 20% darker color. If you saturate the color by 10%, you get **50.9338, 53.2608, 73.9265**, and if you desaturate by 10%, it is **69.9080, 73.5644, 76.8455**.

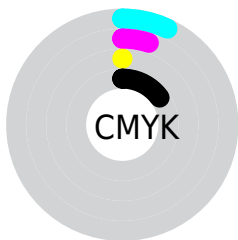
Distribution



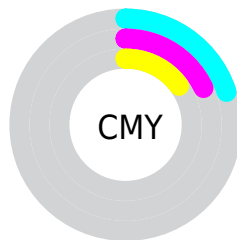
- Red (80%)
- Green (82%)
- Blue (85%)



- Red (80%)
- Yellow (81%)
- Blue (85%)



- Cyan (7%)
- Magenta (5%)
- Yellow (0%)
- Black (15%)



- Cyan (20%)
- Magenta (18%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 59.8394, 62.8702, 75.3110 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 59.8394, 62.8702, 75.3110 by changing the saturation by 10% instead.

■ 59.8394, 62.8702,
75.3110

■ 59.8394, 62.8702,
75.3110

413.8498,
435.0983, 498.2697

■ 43.5382, 45.7362,
55.3644

103.7043,
108.9822, 128.5036

■ 30.5039, 32.0377,
39.2930

131.9987,
138.7291, 162.5868

■ 20.3714, 21.3903,
26.6782

165.0216,
173.4490, 202.2193

■ 12.7751, 13.4096,
17.1014

203.1382,
213.5263, 247.8195

■ 7.3498, 7.7112,
10.1441

246.7140,
259.3455, 299.8062

■ 3.7301, 3.9107,
5.3877

296.1143,

■ 1.5506, 1.6237,

311.2910, 358.5978

2.4138

351.7044,
369.7471, 424.6128

■ 0.3599, 0.3735,
0.7940

■ 0.0000, 0.0000,
0.0000

■ 59.8394, 62.8702,
75.3110

■ 59.8394, 62.8702,
75.3110

■ 50.9338, 53.2608,
73.9265

■ 69.9080, 73.5644,
76.8455

■ 43.1423, 44.6928,
72.6834

■ 81.1751, 85.3688,
78.5301

■ 36.4208, 37.1319,
71.5783

■ 88.5775, 95.6869,
80.1316

■ 30.7197, 30.5385,
70.6061

■ 89.6551, 97.8420,
80.4908

■ 25.9855, 24.8701,
69.7615

■ 22.1593, 20.0810,
69.0388

■ 19.1754, 16.1206,
68.4316

■ 16.9580, 12.9323,
67.9331

■ 15.4111, 10.4477,
67.5350

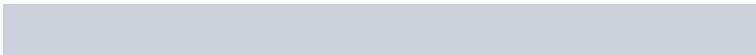
Harmonies

Analogous

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



58.6757, 62.8702, 74.4929



59.8394, 62.8702, 75.3110



60.9958, 62.8702, 74.2413

Triad

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



59.8394, 62.8702, 75.3110



61.7439, 62.8702, 64.9894



57.7304, 62.8702, 65.3885

Complementary

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



59.8394, 62.8702, 75.3110



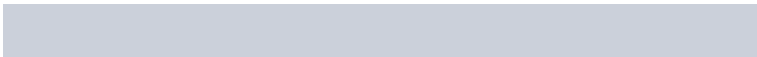
63.4875, 66.8054, 66.0497

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.



58.5336, 62.8702, 62.9773



59.8394, 62.8702, 75.3110



60.8499, 62.8702, 62.7524

Square

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



59.8394, 62.8702, 75.3110



62.1045, 62.8702, 68.2172



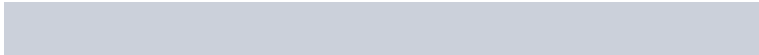
59.6732, 62.8702, 62.0282



57.4679, 62.8702, 68.6933

Rectangle

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



59.8394, 62.8702, 75.3110



61.6042, 62.8702, 72.6219



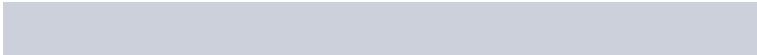
59.6732, 62.8702, 62.0282



57.9456, 62.8702, 64.4505

Sweetspot

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



59.8412, 62.8729, 75.3124



92.1237, 96.8960, 108.4551



61.6796, 67.6318, 72.5890



19.7490, 20.7723, 23.2185



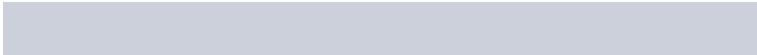
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



59.8412, 62.8729, 75.3124



83.7541, 87.9642, 107.1722



59.2578, 60.7898, 74.9411



12.6918, 13.3233, 16.5549



9.0863, 6.0421, 40.4257



0.6664, 0.5469, 2.6449

Inverse Universe

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



61.6560, 62.1727, 68.4285



86.7716, 86.8229, 95.7210



64.0970, 69.0166, 66.4443



13.2343, 13.1228, 14.4950



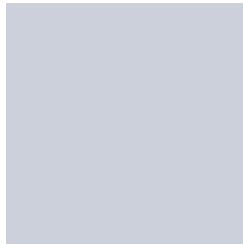
18.0817, 9.2337, 4.8102



1.2107, 0.6139, 0.5183

Previews

White Background



This preview shows how the XYZ color 59.8394, 62.8702, 75.3110 looks on a white background.

Color Contrast Check

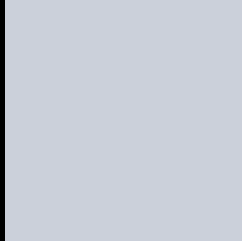
Large Text (above 18pt) WCAG AA × Fail

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 59.8394, 62.8702, 75.3110 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

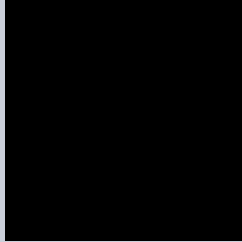
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

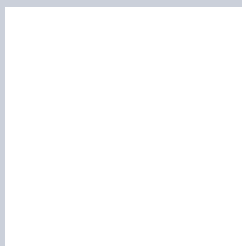
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 59.8394, 62.8702, 75.3110

Background



This preview shows how black text looks on a background with the XYZ color 59.8394, 62.8702, 75.3110.

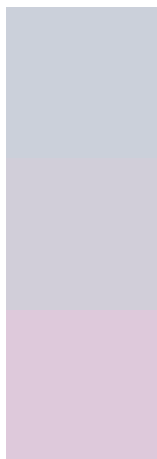


This preview shows how white text looks on a background with the XYZ color 59.8394, 62.8702,

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

59.8394, 62.8702, 75.3110

Protanopia

60.8902, 62.7077, 74.5402

Deuteranopia

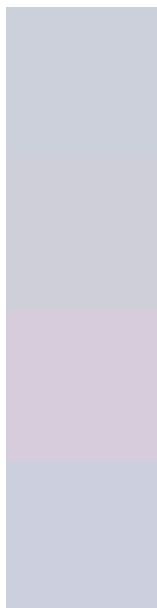
63.7970, 62.4174, 75.7031



Tritanopia

60.6692, 62.8448, 79.4537

Trichromacy



Original Color

59.8394, 62.8702, 75.3110

Protanomaly

60.5693, 62.9008, 74.5944

Deuteranomaly

62.4034, 62.7473, 75.8403

Tritanomaly

60.3995, 62.7369, 78.0333

Monochromacy



Original Color

59.8394, 62.8702, 75.3110

Achromatopsia

59.9535, 63.0757, 68.6895

Achromatomaly

59.8931, 62.9870, 71.2884

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.8394, 62.8702, 75.3110 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(203, 208, 218) looks like.

```
.text, #text, p{  
    color:rgb(203, 208, 218)  
}
```

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(203, 208, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 208, 218) }
```

Border

The CSS property to change the border of an element to XYZ 59.8394, 62.8702, 75.3110 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(203, 208, 218) }
```


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

```
.border{ border-color:rgb(203, 208, 218) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 208, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 208, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 208, 218);  
box-shadow:4px 4px 4px 4px rgb(203, 208,  
218) }
```

Background

The CSS property to change the background color of an element to XYZ 59.8394, 62.8702, 75.3110 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 208, 218) }
```

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

```
.background{ background-color: rgb(203,  
208, 218) }
```

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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