

Converting Colors

XYZ(59.7795, 63.6320, 62.4114)

Have a look what the booklet for
XYZ(59.7795, 63.6320, 62.4114)
contains.

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Color

**XYZ(59.5718, 63.3798,
62.5198)**

Conversions

Conversions Part 1

Format	Color
Hex	D2D1C6
RGB	210, 209, 198
RGB Percent	82%, 82%, 78%
CMY	0.1765, 0.1804, 0.2235
CMYK	0.00, 0.00, 0.06, 0.18
HSL	55°, 12%, 80%
HSV	55°, 6%, 82%
XYZ	59.5718, 63.3798, 62.5198
YIQ	208.0450, 4.1270, -3.2090

Conversions

Conversions Part 2

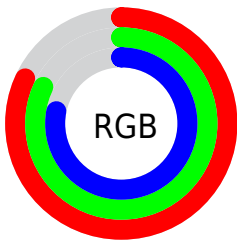
Format	Color
R_{YB}	199, 210, 198
Decimal	13816262
CIE Lab	83.64, -1.60, 5.56
CIE LCh	84, 5.788, 106.000
Yxy	63.3798, 0.3212, 0.3417
Android (android.graphics.Color)	4292006342 (0xFFD2D1C6)
YUV	208.0450, -4.9522, 1.7145
Hunter-Lab	79.6114, -5.7517, 9.1669

Details

The XYZ color **59.5718, 63.3798, 62.5198** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **55.3448, 57.5047, 69.1559**, and the grayscale version is **60.0141, 63.1395, 68.7589**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **30.4657, 32.5242, 31.0576** is the 20% darker color. If you saturate the color by 10%, you get **56.8911, 61.6292, 50.4929**, and if you desaturate by 10%, it is **62.5966, 65.2796, 76.3199**.

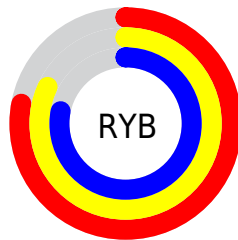
Distribution



Red (82%)

Green (82%)

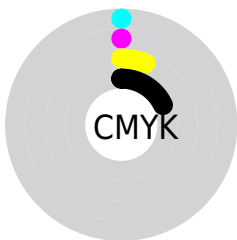
Blue (78%)



Red (78%)

Yellow (82%)

Blue (78%)

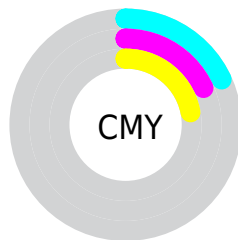


Cyan (0%)

Magenta (0%)

Yellow (6%)

Black (18%)



Cyan (18%)

Magenta (18%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 59.5718, 63.3798, 62.5198 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 59.5718, 63.3798, 62.5198 by changing the saturation by 10% instead.

■ 59.5718, 63.3798,
62.5198

■ 59.5718, 63.3798,
62.5198

412.8777,
436.9465, 451.8845

■ 43.3217, 46.1485,
45.0143

103.3181,
109.7173, 110.0553

■ 30.3332, 32.3630,
31.1257

131.5451,
139.5922, 140.9224

■ 20.2410, 21.6390,
20.4353

164.4951,
174.4506, 177.0805

■ 12.6796, 13.5918,
12.5247

202.5335,
214.6767, 218.9482

■ 7.2838, 7.8373,
6.9752

246.0256,
260.6549, 266.9438

■ 3.6881, 3.9910,
3.3684

295.3367,

■ 1.5272, 1.6686,

312.7697, 321.4861

1.2857

350.8323,
371.4055, 382.9935

■ 0.3443, 0.4032,
0.0500

■ 0.0000, 0.0000,
0.0000

■ 59.5718, 63.3798,
62.5198

■ 59.5718, 63.3798,
62.5198

■ 56.8911, 61.6292,
50.4929

■ 62.5966, 65.2796,
76.3199

■ 54.5355, 60.0141,
40.1626

■ 65.9732, 67.3255,
91.9573

■ 52.4920, 58.5313,
31.4532

■ 68.7341, 69.1327,
104.3290

■ 50.7448, 57.1744,
24.2811

■ 69.1781, 70.0207,
104.4770

■ 49.2766, 55.9365,
18.5558

■ 69.6268, 70.9182,
104.6266

■ 48.0685, 54.8099,
14.1770

■ 70.0803, 71.8252,
104.7778

■ 47.0988, 53.7862,
11.0315

■ 70.5385, 72.7416,
104.9305

■ 46.3427, 52.8551,
8.9879

■ 71.0016, 73.6677,
105.0848

■ 45.7694, 52.0044,
7.8840

■ 71.4694, 74.6033,
105.2408

Harmonies

Analogous

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



60.8317, 63.3798, 62.4608



59.5718, 63.3798, 62.5198



58.5056, 63.3798, 64.2771

Triad

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



59.5718, 63.3798, 62.5198



58.5646, 63.3798, 74.1498



62.6348, 63.3798, 70.7111

Complementary

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



59.5718, 63.3798, 62.5198



55.3448, 57.5047, 69.1559

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.



62.0096, 63.3798, 73.9694



59.5718, 63.3798, 62.5198



59.6533, 63.3798, 76.0013

Square

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



59.5718, 63.3798, 62.5198



57.9297, 63.3798, 70.9503



60.9144, 63.3798, 75.9341



62.6122, 63.3798, 67.1051

Rectangle

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



59.5718, 63.3798, 62.5198



58.0430, 63.3798, 66.2115



60.9144, 63.3798, 75.9341



62.4930, 63.3798, 71.8859

Sweetspot

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



59.5736, 63.3826, 62.5212



94.1048, 99.4062, 104.5877



57.0820, 58.2142, 62.2616



20.1522, 21.2833, 22.4312



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.



59.5736, 63.3826, 62.5212



91.8373, 97.9618, 94.3039



58.4172, 63.1502, 62.5373



12.8287, 13.6957, 13.0787



27.8235, 31.5799, 4.6291



1.5810, 1.8164, 0.2673

Inverse Universe

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



55.3448, 57.5047, 69.1559



83.7838, 86.7676, 106.9397



56.4563, 57.7387, 69.1425



11.6338, 12.0348, 14.9534



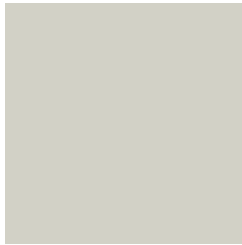
7.2524, 3.1515, 37.4185



0.4335, 0.2322, 2.1015

Previews

White Background



This preview shows how the XYZ color 59.5718, 63.3798, 62.5198 looks on a white background.

Color Contrast Check

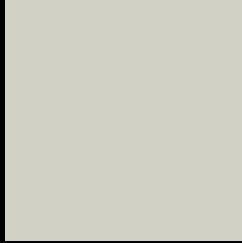
Large Text (above 18pt) WCAG AA × Fail

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 59.5718, 63.3798, 62.5198 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

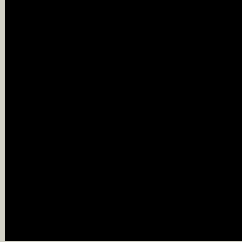
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

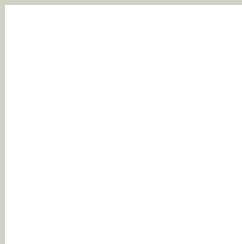
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 59.5718, 63.3798, 62.5198

Background



This preview shows how black text looks on a background with the XYZ color 59.5718, 63.3798, 62.5198.



This preview shows how white text looks on a background with the XYZ color 59.5718, 63.3798,

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

59.5718, 63.3798, 62.5198

Protanopia

60.6583, 63.5900, 61.9004

Deuteranopia

64.5907, 63.0992, 63.4187



Tritanopia

62.4567, 63.0827, 77.9916

Trichromacy



Original Color

59.5718, 63.3798, 62.5198

Protanomaly

60.0745, 63.2891, 61.8731

Deuteranomaly

62.6421, 63.1565, 62.9217

Tritanomaly

61.2329, 62.9438, 71.8728

Monochromacy



Original Color

59.5718, 63.3798, 62.5198

Achromatopsia

59.9535, 63.0757, 68.6895

Achromatomaly

59.7495, 63.0267, 66.1430

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.5718, 63.3798, 62.5198 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(210, 209, 198) looks like.

```
.text, #text, p{  
    color:rgb(210, 209, 198)  
}
```

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(210, 209, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 209, 198) }
```

Border

The CSS property to change the border of an element to XYZ 59.5718, 63.3798, 62.5198 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(210, 209, 198) }
```


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

```
.border{ border-color:rgb(210, 209, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 209, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 209, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 209, 198);  
box-shadow:4px 4px 4px 4px rgb(210, 209,  
198) }
```

Background

The CSS property to change the background color of an element to XYZ 59.5718, 63.3798, 62.5198 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 209, 198) }
```

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

```
.background{ background-color: rgb(210,  
209, 198) }
```

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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