

Converting Colors

XYZ(59.7478, 64.2768, 62.7061)

Have a look what the booklet for
XYZ(59.7478, 64.2768, 62.7061)
contains.

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Color

**XYZ(59.7818, 64.2211,
62.6711)**

Conversions

Conversions Part 1

Format	Color
Hex	D1D3C6
RGB	209, 211, 198
RGB Percent	82%, 83%, 78%
CMY	0.1804, 0.1725, 0.2235
CMYK	0.01, 0.00, 0.06, 0.17
HSL	69°, 13%, 80%
HSV	69°, 6%, 83%
XYZ	59.7818, 64.2211, 62.6711
YIQ	208.9200, 2.9810, -4.4670

Conversions

Conversions Part 2

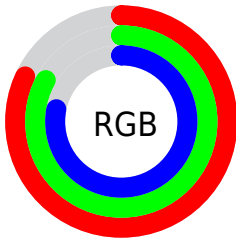
Format	Color
RYB	198, 211, 200
Decimal	13751238
CIELab	84.08, -2.99, 6.19
CIELCh	84, 6.869, 115.758
Yxy	64.2211, 0.3202, 0.3440
Android (android.graphics.Color)	4291941318 (0xFFD1D3C6)
YUV	208.9200, -5.3836, 0.0702
Hunter-Lab	80.1381, -7.0833, 9.7296

Details

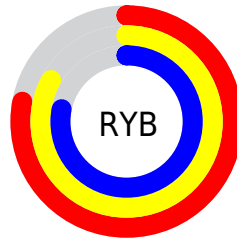
The XYZ color **59.7818, 64.2211, 62.6711** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **55.7739, 57.3724, 69.7658**, and the grayscale version is **60.5863, 63.7416, 69.4146**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **30.6086, 33.0961, 31.1605** is the 20% darker color. If you saturate the color by 10%, you get **56.6055, 62.8474, 50.6906**, and if you desaturate by 10%, it is **63.3196, 65.7457, 76.4411**.

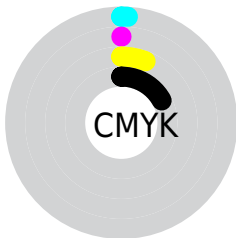
Distribution



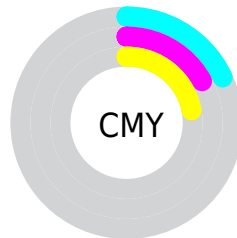
- Red (82%)
- Green (83%)
- Blue (78%)



- Red (78%)
- Yellow (83%)
- Blue (78%)



- Cyan (1%)
- Magenta (0%)
- Yellow (6%)
- Black (17%)



- Cyan (18%)
- Magenta (17%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 59.7818, 64.2211, 62.6711 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 59.7818, 64.2211, 62.6711 by changing the saturation by 10% instead.

■ 59.7818, 64.2211,
62.6711

■ 59.7818, 64.2211,
62.6711

413.6407,
439.9876, 452.4499

■ 43.4916, 46.8298,
45.1359

103.6212,
110.9293, 110.2759

■ 30.4672, 32.9011,
31.2208

131.9011,
141.0150, 141.1825

■ 20.3433, 22.0507,
20.5071

164.9083,
176.1008, 177.3833

■ 12.7545, 13.8942,
12.5765

203.0081,
216.5714, 219.2970

■ 7.3356, 8.0471,
7.0103

246.5659,
262.8109, 267.3419

■ 3.7210, 4.1251,
3.3900

295.9470,

■ 1.5456, 1.7438,

315.2039, 321.9367

1.2971

351.5168,
374.1347, 383.4998

■ 0.3565, 0.4518,
0.0594

■ 0.0000, 0.0000,
0.0000

■ 59.7818, 64.2211,
62.6711

■ 59.7818, 64.2211,
62.6711

■ 56.6055, 62.8474,
50.6906

■ 63.3196, 65.7457,
76.4411

■ 53.7712, 61.6107,
40.4220

■ 67.2268, 67.4181,
92.0657

■ 51.2658, 60.5076,
31.7882

■ 70.4860, 68.8336,
104.1789

■ 49.0731, 59.5317,
24.7046

■ 71.4726, 69.3422,
104.2251

■ 47.1755, 58.6760,
19.0791

■ 72.4785, 69.8607,
104.2722

■ 45.5534, 57.9326,
14.8097

■ 73.5036, 70.3892,
104.3202

■ 44.1850, 57.2928,
11.7812

■ 74.5482, 70.9277,
104.3690

■ 43.0445, 56.7462,
9.8597

■ 75.6123, 71.4763,
104.4188

■ 42.1001, 56.2801,
8.8767

■ 76.6961, 72.0350,
104.4696

Harmonies

Analogous

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



61.2562, 64.2211, 61.9240



59.7818, 64.2211, 62.6711



58.6613, 64.2211, 65.3313

Triad

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



59.7818, 64.2211, 62.6711



59.4141, 64.2211, 77.0590



63.9946, 64.2211, 70.5454

Complementary

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



59.7818, 64.2211, 62.6711



55.7739, 57.3724, 69.7658

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.



63.4826, 64.2211, 74.7309



59.7818, 64.2211, 62.6711



60.8248, 64.2211, 78.5890

Square

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



59.7818, 64.2211, 62.6711



58.4515, 64.2211, 73.6181



62.3162, 64.2211, 77.7199



63.7043, 64.2211, 66.3592

Rectangle

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



59.7818, 64.2211, 62.6711



58.2573, 64.2211, 67.8914



62.3162, 64.2211, 77.7199



63.9104, 64.2211, 72.0005

Sweetspot

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



59.7836, 64.2239, 62.6725



93.9510, 99.5271, 104.6192



57.7019, 59.2133, 61.8151



20.1209, 21.3079, 22.4376



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.



59.7836, 64.2239, 62.6725



91.3031, 98.3851, 94.4138



57.9958, 63.3022, 62.5888



12.7493, 13.7587, 13.0950



25.2755, 33.8989, 5.2110



1.4627, 1.9209, 0.2937

Inverse Universe

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



55.7739, 57.3724, 69.7658



84.2792, 86.3832, 106.8394



57.5328, 58.2791, 69.8482



11.7071, 11.9780, 14.9386



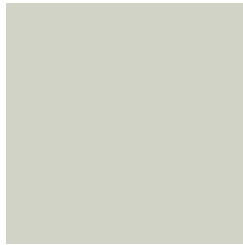
7.5203, 3.0572, 37.3862



0.4755, 0.1993, 2.0930

Previews

White Background



This preview shows how the XYZ color 59.7818, 64.2211, 62.6711 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 59.7818, 64.2211, 62.6711 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

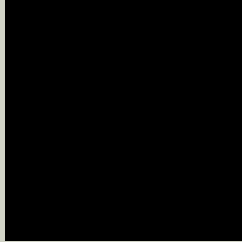
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

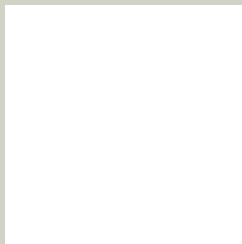
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 59.7818, 64.2211, 62.6711

Background



This preview shows how black text looks on a background with the XYZ color 59.7818, 64.2211, 62.6711.



This preview shows how white text looks on a background with the XYZ color 59.7818, 64.2211, 62.6711.

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

59.7818, 64.2211, 62.6711

Protanopia

61.1974, 64.2311, 61.9957

Deuteranopia

65.1501, 63.7348, 63.5119



Tritanopia

63.2079, 64.1536, 79.5725

Trichromacy



Original Color

59.7818, 64.2211, 62.6711

Protanomaly

60.5652, 64.2705, 62.0366

Deuteranomaly

62.8806, 63.6335, 63.0012

Tritanomaly

61.9730, 64.0151, 73.3798

Monochromacy



Original Color

59.7818, 64.2211, 62.6711

Achromatopsia

60.6036, 63.7597, 69.4343

Achromatomaly

60.3605, 64.0563, 66.9404

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.7818, 64.2211, 62.6711 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(209, 211, 198) looks like.

```
.text, #text, p{  
    color:rgb(209, 211, 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(209, 211, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 211, 198) }
```

Border

The CSS property to change the border of an element to XYZ 59.7818, 64.2211, 62.6711 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(209, 211, 198) }
```


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

```
.border{ border-color:rgb(209, 211, 198) }
```

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

Here you see how a box with a 4 pixel rgb(209, 211, 198) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 211, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 211, 198);  
box-shadow:4px 4px 4px 4px rgb(209, 211,  
198) }
```

Background

The CSS property to change the background color of an element to XYZ 59.7818, 64.2211, 62.6711 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 211, 198) }
```

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

```
.background{ background-color: rgb(209,  
211, 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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