

Converting Colors

XYZ(61.8724, 64.7927, 68.9206)

Have a look what the booklet for
XYZ(61.8724, 64.7927, 68.9206)
contains.

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Color

**XYZ(61.8723, 64.7934,
68.9199)**

Conversions

Conversions Part 1

Format	Color
Hex	D5D2D0
RGB	213, 210, 208
RGB Percent	84%, 82%, 82%
CMY	0.1647, 0.1765, 0.1843
CMYK	0.00, 0.01, 0.02, 0.16
HSL	24°, 6%, 83%
HSV	24°, 2%, 84%
XYZ	61.8723, 64.7934, 68.9199
YIQ	210.6690, 2.4300, 0.0140

Conversions

Conversions Part 2

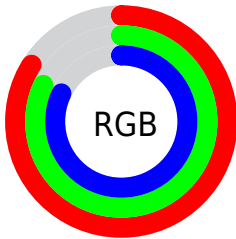
Format	Color
R _Y B	213, 211, 208
Decimal	14013136
CIE Lab	84.38, 0.67, 1.34
CIE LCh	84, 1.502, 63.352
Yxy	64.7934, 0.3163, 0.3313
Android (android.graphics.Color)	4292203216 (0xFFD5D2D0)
YUV	210.6690, -1.3158, 2.0443
Hunter-Lab	80.4943, -3.6604, 5.5815

Details

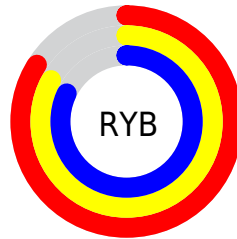
The XYZ color **61.8723, 64.7934, 68.9199** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **61.3169, 64.8015, 72.2277**, and the grayscale version is **61.7074, 64.9209, 70.6989**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **31.8218, 33.3791, 35.3375** is the 20% darker color. If you saturate the color by 10%, you get **56.3997, 57.7637, 55.0232**, and if you desaturate by 10%, it is **67.9519, 72.4722, 84.7569**.

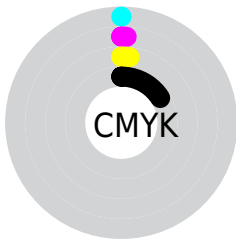
Distribution



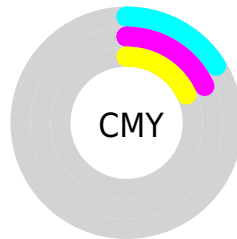
- Red (84%)
- Green (82%)
- Blue (82%)



- Red (84%)
- Yellow (83%)
- Blue (82%)



- Cyan (0%)
- Magenta (1%)
- Yellow (2%)
- Black (16%)



- Cyan (16%)
- Magenta (18%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 61.8723, 64.7934, 68.9199 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 61.8723, 64.7934, 68.9199 by changing the saturation by 10% instead.

■ 61.8723, 64.7934,
68.9199

■ 61.8723, 64.7934,
68.9199

421.1901,
442.0492, 475.4347

■ 45.1847, 47.2936,
50.1751

106.6319,
111.7528, 119.3338

■ 31.8049, 33.2678,
35.1804

135.4347,
141.9811, 151.8400

■ 21.3673, 22.3317,
23.5172

169.0066,
177.2211, 189.7704

■ 13.5067, 14.1008,
14.7670

207.7129,
217.8571, 233.5436

■ 7.8578, 8.1908,
8.5112

251.9191,
264.2735, 283.5780

■ 4.0551, 4.2173,
4.3313

301.9905,

■ 1.7334, 1.7958,

316.8547, 340.2924

1.8088

358.2923,
375.9851, 404.1051

■ 0.4770, 0.4846,
0.4338

■ 0.0000, 0.0000,
0.0000

■ 61.8723, 64.7934,
68.9199

■ 61.8723, 64.7934,
68.9199

■ 56.3997, 57.7637,
55.0232

■ 67.9519, 72.4722,
84.7569

■ 51.5089, 51.3574,
42.9873

■ 74.6518, 80.8083,
102.6010

■ 47.1808, 45.5594,
32.7333

■ 79.1495, 88.6834,
107.5537

■ 43.3932, 40.3506,
24.1751

■ 81.2509, 92.8863,
108.2542

■ 40.1222, 35.7111,
17.2193

■ 37.3419, 31.6196,
11.7635

■ 35.0238, 28.0531,
7.6930

■ 33.1359, 24.9868,
4.8766

■ 31.6408, 22.3928,
3.1567

Harmonies

Analogous

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



62.1215, 64.7934, 69.5439



61.8723, 64.7934, 68.9199



61.5467, 64.7934, 68.7311

Triad

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



61.8723, 64.7934, 68.9199



60.9461, 64.7934, 70.6565



61.9375, 64.7934, 72.0945

Complementary

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



61.8723, 64.7934, 68.9199



61.3169, 64.8015, 72.2277

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.



61.6217, 64.7934, 72.3987



61.8723, 64.7934, 68.9199



61.0500, 64.7934, 71.5637

Square

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



61.8723, 64.7934, 68.9199



61.0127, 64.7934, 69.7283



61.2970, 64.7934, 72.2036



62.1592, 64.7934, 71.3761

Rectangle

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



61.8723, 64.7934, 68.9199



61.3303, 64.7934, 68.8760



61.2970, 64.7934, 72.2036



61.8388, 64.7934, 72.2489

Sweetspot

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



61.8741, 64.7962, 68.9213



94.1566, 98.8658, 106.5902



61.7552, 63.9620, 70.7199



20.1628, 21.1733, 22.8390



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.



61.8741, 64.7962, 68.9213



92.3976, 96.6270, 102.0601



62.4952, 66.0384, 69.1283



13.5185, 14.1158, 14.7957



18.8577, 12.8326, 1.4830



1.2173, 0.9338, 0.1161

Inverse Universe

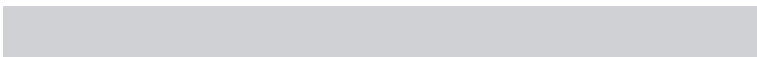
The Inverse Universe completely reimagines the original color for something new.



61.3169, 64.8015, 72.2277



91.3210, 96.6373, 108.4475



60.7016, 63.5710, 72.0226



13.3222, 14.1177, 15.9604



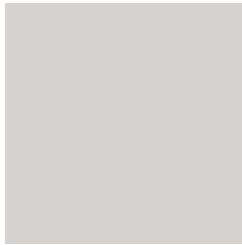
12.1251, 12.5119, 40.2291



0.8114, 0.9148, 2.4531

Previews

White Background



This preview shows how the XYZ color 61.8723, 64.7934, 68.9199 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 61.8723, 64.7934, 68.9199 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

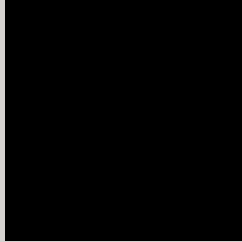
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

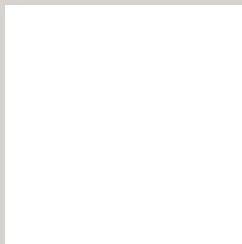
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 61.8723, 64.7934, 68.9199

Background



This preview shows how black text looks on a background with the XYZ color 61.8723, 64.7934, 68.9199.

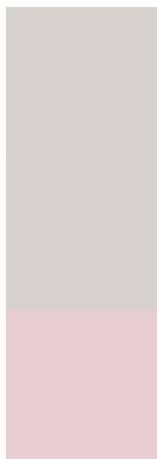


This preview shows how white text looks on a background with the XYZ color 61.8723, 64.7934,

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

61.8723, 64.7934, 68.9199

Protanopia

62.2100, 64.6021, 68.8651

Deuteranopia

66.0565, 64.7781, 69.3435



Tritanopia

64.0348, 64.9406, 79.6808

Trichromacy



Original Color

61.8723, 64.7934, 68.9199

Protanomaly

61.9172, 64.4511, 68.8514

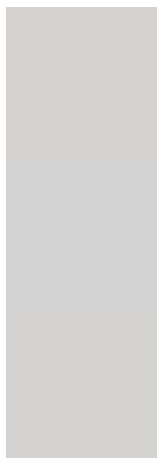
Deuteranomaly

64.3204, 64.5934, 69.3993

Tritanomaly

63.1869, 64.9590, 75.5377

Monochromacy



Original Color

61.8723, 64.7934, 68.9199

Achromatopsia

61.9161, 65.1406, 70.9381

Achromatomaly

62.0785, 65.2387, 70.2932

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.8723, 64.7934, 68.9199 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(213, 210, 208) looks like.

```
.text, #text, p{  
    color:rgb(213, 210, 208)  
}
```

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(213, 210, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 210, 208) }
```

Border

The CSS property to change the border of an element to XYZ 61.8723, 64.7934, 68.9199 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(213, 210, 208) }
```


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

```
.border{ border-color:rgb(213, 210, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 210, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 210, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 210, 208);  
box-shadow:4px 4px 4px 4px rgb(213, 210,  
208) }
```

Background

The CSS property to change the background color of an element to XYZ 61.8723, 64.7934, 68.9199 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 210, 208) }
```

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

```
.background{ background-color: rgb(213,  
210, 208) }
```

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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