

Converting Colors

XYZ(63.4980, 68.9637, 72.2397)

Have a look what the booklet for
XYZ(63.4980, 68.9637, 72.2397)
contains.

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Color

**XYZ(63.5097, 68.9718,
72.2529)**

Conversions

Conversions Part 1

Format	Color
Hex	D1DBD4
RGB	209, 219, 212
RGB Percent	82%, 86%, 83%
CMY	0.1804, 0.1412, 0.1686
CMYK	0.05, 0.00, 0.03, 0.14
HSL	138°, 12%, 84%
HSV	138°, 5%, 86%
XYZ	63.5097, 68.9718, 72.2529
YIQ	215.2120, -3.7130, -4.2970

Conversions

Conversions Part 2

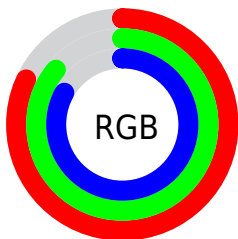
Format	Color
RYB	209, 217, 219
Decimal	13753300
CIELab	86.49, -4.64, 2.26
CIElCh	86, 5.165, 154.044
Yxy	68.9718, 0.3102, 0.3369
Android (android.graphics.Color)	4291943380 (0xFFD1DBD4)
YUV	215.2120, -1.5835, -5.4479
Hunter-Lab	83.0493, -8.8331, 6.5522

Details

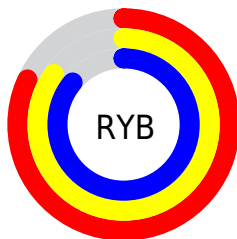
The XYZ color **63.5097, 68.9718, 72.2529** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **64.4111, 65.6207, 74.2404**, and the grayscale version is **64.7488, 68.1207, 74.1835**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **32.8788, 35.9538, 37.1052** is the 20% darker color. If you saturate the color by 10%, you get **55.8912, 65.2593, 62.2751**, and if you desaturate by 10%, it is **72.1676, 73.2028, 83.2411**.

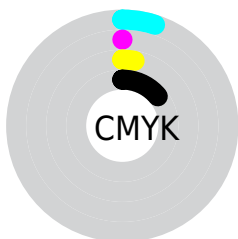
Distribution



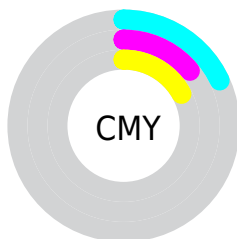
- Red (82%)
- Green (86%)
- Blue (83%)



- Red (82%)
- Yellow (85%)
- Blue (86%)



- Cyan (5%)
- Magenta (0%)
- Yellow (3%)
- Black (14%)



- Cyan (18%)
- Magenta (14%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 63.5097, 68.9718, 72.2529 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 63.5097, 68.9718, 72.2529 by changing the saturation by 10% instead.

■ 63.5097, 68.9718,
72.2529

■ 63.5097, 68.9718,
72.2529

427.0473,
456.9315, 487.4226

■ 46.5139, 50.6887,
52.8772

108.9822,
117.7413, 124.1271

■ 32.8579, 35.9610,
37.3177

138.1896,
148.9965, 157.4626

■ 22.1763, 24.4040,
25.1558

172.1982,
185.3446, 196.2886

■ 14.1038, 15.6336,
15.9731

211.3734,
227.1699, 241.0234

■ 8.2751, 9.2653,
9.3510

256.0806,
274.8569, 292.0857

■ 4.3248, 4.9146,
4.8709

306.6850,

■ 1.8875, 2.1972,

328.7899, 349.8939

2.1143

363.5521,
389.3533, 414.8667

■ 0.5695, 0.7185,
0.6243

■ 0.0000, 0.0000,
0.0000

■ 63.5097, 68.9718,
72.2529

■ 63.5097, 68.9718,
72.2529

■ 55.8912, 65.2593,
62.2751

■ 72.1676, 73.2028,
83.2411

■ 49.2667, 62.0365,
53.2747

■ 81.8964, 77.9622,
95.2624

■ 43.5958, 59.2854,
45.2235

■ 84.6228, 79.1457,
105.4243

■ 38.8333, 56.9832,
38.0902

■ 34.9301, 55.1053,
31.8420

■ 31.8324, 53.6246,
26.4438

■ 29.4799, 52.5109,
21.8584

■ 27.8033, 51.7293,
18.0455

■ 26.7193, 51.2376,
14.9614

Harmonies

Analogous

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



64.2767, 68.9718, 69.7727



63.5097, 68.9718, 72.2529



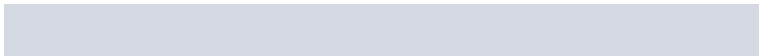
63.2885, 68.9718, 75.5640

Triad

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



63.5097, 68.9718, 72.2529



65.7179, 68.9718, 81.8613



67.4795, 68.9718, 71.4717

Complementary

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



63.5097, 68.9718, 72.2529



64.4111, 65.6207, 74.2404

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.



67.8763, 68.9718, 74.6350



63.5097, 68.9718, 72.2529



66.8514, 68.9718, 80.6887

Square

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



63.5097, 68.9718, 72.2529



64.5543, 68.9718, 81.1770



67.6450, 68.9718, 78.0180



66.5672, 68.9718, 69.3314

Rectangle

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



63.5097, 68.9718, 72.2529



63.4780, 68.9718, 77.8140



67.6450, 68.9718, 78.0180



67.6781, 68.9718, 72.4471

Sweetspot

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



63.5116, 68.9747, 72.2544



93.8319, 99.4051, 107.3496



65.2110, 69.8941, 70.3766



20.0967, 21.2831, 22.9936



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.



63.5116, 68.9747, 72.2544



89.1097, 97.0999, 101.2936



64.1310, 69.2225, 75.5162



13.6920, 14.9851, 15.5472



15.6402, 30.2887, 8.2709



1.0508, 1.9773, 0.7334

Inverse Universe

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



64.4111, 65.6207, 74.2404



90.5070, 91.8894, 104.3788



63.7949, 65.3742, 70.9953



13.9339, 14.0831, 16.0813



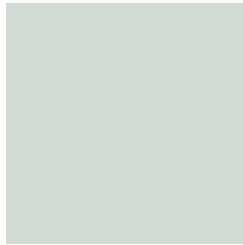
20.7979, 10.3202, 19.1135



1.3848, 0.6835, 1.4351

Previews

White Background



This preview shows how the XYZ color 63.5097, 68.9718, 72.2529 looks on a white background.

Color Contrast Check

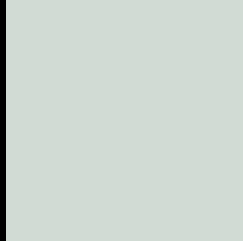
Large Text (above 18pt) WCAG AA × Fail

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 63.5097, 68.9718, 72.2529 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

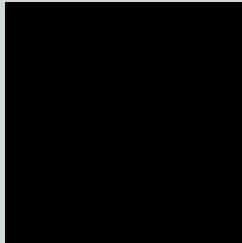
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

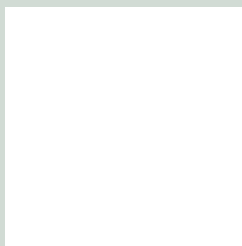
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 63.5097, 68.9718, 72.2529

Background



This preview shows how black text looks on a background with the XYZ color 63.5097, 68.9718, 72.2529.

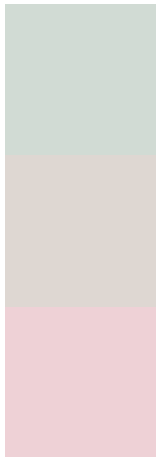


This preview shows how white text looks on a background with the XYZ color 63.5097, 68.9718,

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

63.5097, 68.9718, 72.2529

Protanopia

66.0575, 68.7836, 70.7677

Deuteranopia

70.1980, 68.6331, 73.1660



Tritanopia

66.4152, 68.9920, 86.9071

Trichromacy



Original Color

63.5097, 68.9718, 72.2529

Protanomaly

64.9290, 68.5666, 71.4406

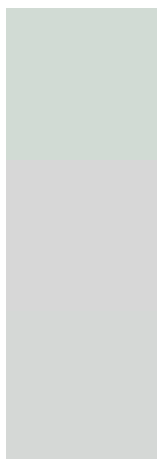
Deuteranomaly

67.4830, 68.7235, 72.6590

Tritanomaly

65.2674, 68.9108, 81.0953

Monochromacy



Original Color

63.5097, 68.9718, 72.2529

Achromatopsia

64.5905, 67.9542, 74.0022

Achromatomaly

64.1340, 68.1129, 73.3852

CSS Examples

Text

The CSS property to change the color of the text to XYZ 63.5097, 68.9718, 72.2529 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, 219, 212) looks like.

```
.text, #text, p{  
    color:rgb(209, 219, 212)  
}
```

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, 219, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 219, 212) }
```

Border

The CSS property to change the border of an element to XYZ 63.5097, 68.9718, 72.2529 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, 219, 212) }
```


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

```
.border{ border-color:rgb(209, 219, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 219, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 219, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 219, 212);  
box-shadow:4px 4px 4px 4px rgb(209, 219,  
212) }
```

Background

The CSS property to change the background color of an element to XYZ 63.5097, 68.9718, 72.2529 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 219, 212) }
```

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

```
.background{ background-color: rgb(209,  
219, 212) }
```

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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