

Converting Colors

XYZ(64.7726, 68.1387, 72.0262)

Have a look what the booklet for
XYZ(64.7726, 68.1387, 72.0262)
contains.

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Color

**XYZ(64.7994, 68.1061,
72.0178)**

Conversions

Conversions Part 1

Format	Color
Hex	D9D7D4
RGB	217, 215, 212
RGB Percent	85%, 84%, 83%
CMY	0.1490, 0.1568, 0.1686
CMYK	0.00, 0.01, 0.02, 0.15
HSL	36°, 6%, 84%
HSV	36°, 2%, 85%
XYZ	64.7994, 68.1061, 72.0178
YIQ	215.2560, 2.1550, -0.5090

Conversions

Conversions Part 2

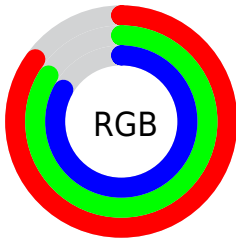
Format	Color
R _Y B	215, 217, 212
Decimal	14276564
CIE Lab	86.06, 0.15, 1.71
CIE LCh	86, 1.714, 84.954
Yxy	68.1061, 0.3162, 0.3323
Android (android.graphics.Color)	4292466644 (0xFFD9D7D4)
YUV	215.2560, -1.6052, 1.5295
Hunter-Lab	82.5264, -4.2638, 6.0283

Details

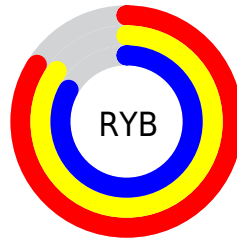
The XYZ color **64.7994, 68.1061, 72.0178** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **63.7223, 67.0990, 75.2394**, and the grayscale version is **64.7759, 68.1493, 74.2146**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **33.5569, 35.2573, 36.9350** is the 20% darker color. If you saturate the color by 10%, you get **60.0967, 62.7904, 57.8404**, and if you desaturate by 10%, it is **69.9907, 73.8086, 88.1749**.

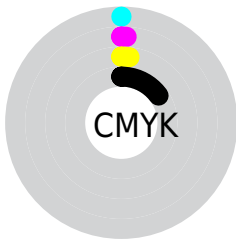
Distribution



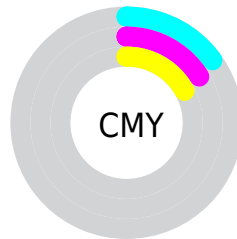
- Red (85%)
- Green (84%)
- Blue (83%)



- Red (84%)
- Yellow (85%)
- Blue (83%)



- Cyan (0%)
- Magenta (1%)
- Yellow (2%)
- Black (15%)



- Cyan (15%)
- Magenta (16%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 64.7994, 68.1061, 72.0178 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 64.7994, 68.1061, 72.0178 by changing the saturation by 10% instead.

■ 64.7994, 68.1061,
72.0178

■ 64.7994, 68.1061,
72.0178

431.6274,
453.8718, 486.5828

■ 47.5625, 49.9841,
52.6863

110.8287,
116.5039, 123.7898

■ 33.6904, 35.4007,
37.1664

140.3519,
147.5485, 157.0674

■ 22.8176, 23.9717,
25.0395

174.7012,
183.6693, 195.8307

■ 14.5788, 15.3126,
15.8872

214.2420,
225.2509, 240.4983

■ 8.6087, 9.0391,
9.2909

259.3397,
272.6775, 291.4888

■ 4.5419, 4.7667,
4.8320

310.3596,

■ 2.0131, 2.1110,

326.3336, 349.2207

2.0920

367.6670,
386.6036, 414.1125

■ 0.6413, 0.6708,
0.6110

■ 0.0000, 0.0000,
0.0000

■ 64.7994, 68.1061,
72.0178

■ 64.7994, 68.1061,
72.0178

■ 60.0967, 62.7904,
57.8404

■ 69.9907, 73.8086,
88.1749

■ 55.8605, 57.8431,
45.5608

■ 75.6157, 79.8720,
106.0392

■ 52.0754, 53.2574,
35.0981

■ 78.1194, 84.8794,
106.8738

■ 48.7228, 49.0229,
26.3638

■ 80.7451, 90.1307,
107.7490

■ 45.7826, 45.1283,
19.2618

■ 82.4257, 93.4919,
108.3092

■ 43.2330, 41.5619,
13.6865

■ 41.0496, 38.3106,
9.5200

■ 39.2048, 35.3599,
6.6266

■ 37.6655, 32.6933,
4.8434

Harmonies

Analogous

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



65.1684, 68.1061, 72.3956



64.7994, 68.1061, 72.0178



64.4140, 68.1061, 72.2082

Triad

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



64.7994, 68.1061, 72.0178



64.0491, 68.1061, 75.0741



65.3544, 68.1061, 75.4076

Complementary

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



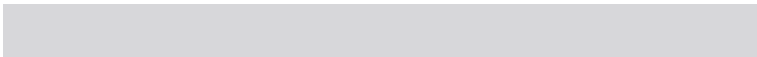
64.7994, 68.1061, 72.0178



63.7223, 67.0990, 75.2394

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.



65.0526, 68.1061, 76.1385



64.7994, 68.1061, 72.0178



64.2992, 68.1061, 75.9446

Square

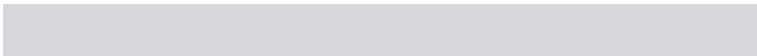
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



64.7994, 68.1061, 72.0178



63.9818, 68.1061, 73.9655



64.6663, 68.1061, 76.3360



65.4896, 68.1061, 74.3468

Rectangle

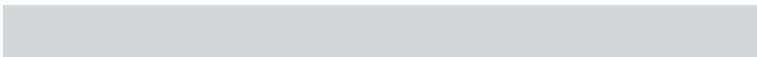
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



64.7994, 68.1061, 72.0178



64.1996, 68.1061, 72.6327



64.6663, 68.1061, 76.3360



65.2690, 68.1061, 75.7004

Sweetspot

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



64.8013, 68.1090, 72.0193



94.3182, 99.1890, 106.6441



64.2973, 66.6947, 73.1038



20.1957, 21.2391, 22.8500



0.0000, 0.0000, 0.0000



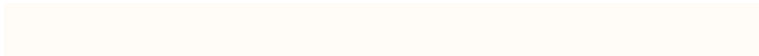
20.3446, 21.4041, 23.3091

Same Dimension

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



64.8013, 68.1090, 72.0193



92.8760, 97.5839, 102.2196



65.1643, 69.0554, 72.1828



14.3023, 15.0218, 15.5815



22.2901, 18.8658, 2.4667



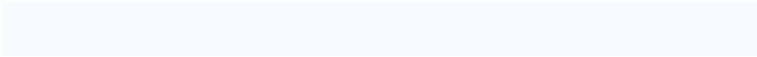
1.5275, 1.3891, 0.1876

Inverse Universe

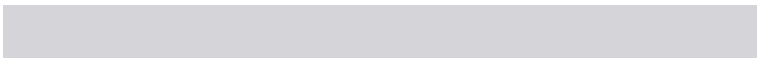
The Inverse Universe completely reimagines the original color for something new.



63.7223, 67.0990, 75.2394



90.8426, 95.6804, 108.2880



63.3646, 66.1692, 75.0788



13.9115, 14.6560, 16.7478



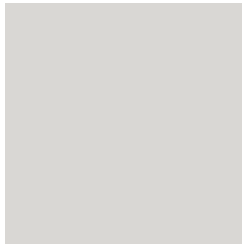
9.7236, 7.3166, 40.6382



0.7128, 0.6397, 2.6603

Previews

White Background



This preview shows how the XYZ color 64.7994, 68.1061, 72.0178 looks on a white background.

Color Contrast Check

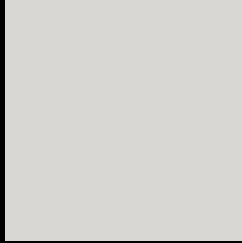
Large Text (above 18pt) WCAG AA × Fail

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 64.7994, 68.1061, 72.0178 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

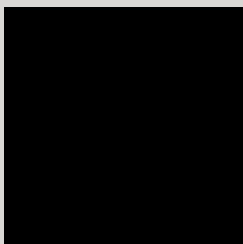
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

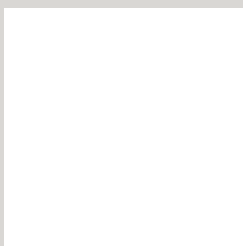
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 64.7994, 68.1061, 72.0178

Background



This preview shows how black text looks on a background with the XYZ color 64.7994, 68.1061, 72.0178.

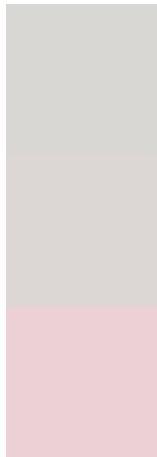


This preview shows how white text looks on a background with the XYZ color 64.7994, 68.1061,

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

64.7994, 68.1061, 72.0178

Protanopia

65.4454, 68.0622, 71.9753

Deuteranopia

69.1582, 67.7487, 72.3826



Tritanopia

67.2015, 67.9598, 83.7044

Trichromacy



Original Color

64.7994, 68.1061, 72.0178

Protanomaly

65.1436, 67.9067, 71.9612

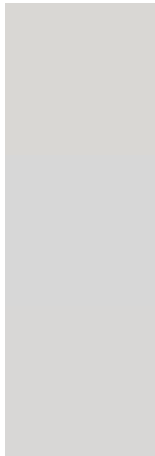
Deuteranomaly

67.6176, 68.0506, 72.5220

Tritanomaly

66.3269, 67.9763, 79.4370

Monochromacy



Original Color

64.7994, 68.1061, 72.0178

Achromatopsia

64.5905, 67.9542, 74.0022

Achromatomaly

64.7569, 68.0548, 73.3412

CSS Examples

Text

The CSS property to change the color of the text to XYZ 64.7994, 68.1061, 72.0178 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(217, 215, 212) looks like.

```
.text, #text, p{  
    color:rgb(217, 215, 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(217, 215, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 215, 212) }
```

Border

The CSS property to change the border of an element to XYZ 64.7994, 68.1061, 72.0178 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(217, 215, 212) }
```


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

```
.border{ border-color:rgb(217, 215, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 215, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 215, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 215, 212);  
box-shadow:4px 4px 4px 4px rgb(217, 215,  
212) }
```

Background

The CSS property to change the background color of an element to XYZ 64.7994, 68.1061, 72.0178 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 215, 212) }
```

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

```
.background{ background-color: rgb(217,  
215, 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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