

Converting Colors

XYZ(63.5920, 65.4008, 69.1628)

Have a look what the booklet for
XYZ(63.5920, 65.4008, 69.1628)
contains.

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Color

**XYZ(63.3990, 65.2151,
68.9208)**

Conversions

Conversions Part 1

Format	Color
Hex	DBD1D0
RGB	219, 209, 208
RGB Percent	86%, 82%, 82%
CMY	0.1412, 0.1804, 0.1843
CMYK	0.00, 0.05, 0.05, 0.14
HSL	5°, 13%, 84%
HSV	5°, 5%, 86%
XYZ	63.3990, 65.2151, 68.9208
YIQ	211.8760, 6.2810, 1.8090

Conversions

Conversions Part 2

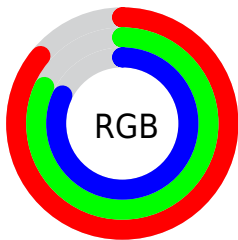
Format	Color
R _Y B	219, 209, 208
Decimal	14406096
CIE Lab	84.59, 3.27, 1.72
CIE LCh	85, 3.695, 27.678
Yxy	65.2151, 0.3210, 0.3301
Android (android.graphics.Color)	4292596176 (0xFFDBD1D0)
YUV	211.8760, -1.9109, 6.2477
Hunter-Lab	80.7559, -1.1878, 5.9283

Details

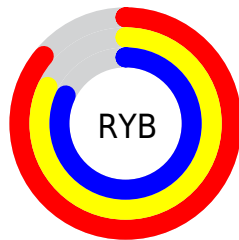
The XYZ color **63.3990, 65.2151, 68.9208** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **63.8698, 68.6659, 76.9060**, and the grayscale version is **62.5079, 65.7631, 71.6161**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **32.8639, 33.6683, 35.3384** is the 20% darker color. If you saturate the color by 10%, you get **56.3074, 55.0497, 54.1689**, and if you desaturate by 10%, it is **71.4763, 76.7548, 85.8384**.

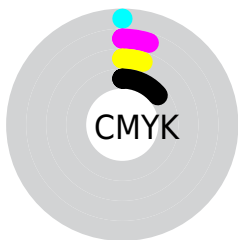
Distribution



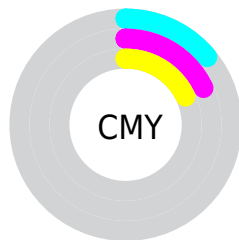
- Red (86%)
- Green (82%)
- Blue (82%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 63.3990, 65.2151, 68.9208 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 63.3990, 65.2151, 68.9208 by changing the saturation by 10% instead.

■ 63.3990, 65.2151,
68.9208

■ 63.3990, 65.2151,
68.9208

426.6528,
443.5645, 475.4380

■ 46.4239, 47.6355,
50.1759

108.8235,
112.3590, 119.3351

■ 32.7865, 33.5383,
35.1810

138.0037,
142.6922, 151.8415

■ 22.1214, 22.5392,
23.5177

171.9829,
178.0453, 189.7722

■ 14.0632, 14.2536,
14.7673

211.1266,
218.8029, 233.5456

■ 8.2467, 8.2973,
8.5114

255.8001,
265.3491, 283.5804

■ 4.3063, 4.2857,
4.3315

306.3687,

■ 1.8768, 1.8347,

318.0686, 340.2950

1.8089

363.1978,
377.3456, 404.1080

■ 0.5633, 0.5086,
0.4338

■ 0.0000, 0.0000,
0.0000

■ 63.3990, 65.2151,
68.9208

■ 63.3990, 65.2151,
68.9208

■ 56.3074, 55.0497,
54.1689

■ 71.4763, 76.7548,
85.8384

■ 50.1585, 46.1993,
41.4911

■ 80.5693, 89.7086,
104.9998

■ 44.9141, 38.6128,
30.7957

■ 83.0237, 93.8002,
108.3372

■ 40.5314, 32.2323,
21.9824

■ 36.9641, 26.9956,
14.9422

■ 34.1615, 22.8351,
9.5546

■ 32.0674, 19.6757,
5.6846

■ 30.6173, 17.4327,
3.1754

■ 29.7351, 16.0073,
1.8361

Harmonies

Analogous

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



63.5819, 65.2151, 71.1922



63.3990, 65.2151, 68.9208



62.8362, 65.2151, 67.2415

Triad

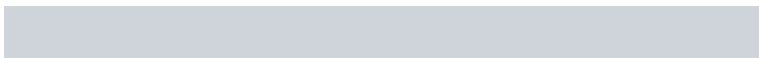
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



63.3990, 65.2151, 68.9208



60.6554, 65.2151, 68.6090



61.9208, 65.2151, 75.6402

Complementary

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



63.3990, 65.2151, 68.9208



63.8698, 68.6659, 76.9060

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.



61.1415, 65.2151, 74.9129



63.3990, 65.2151, 68.9208



60.4150, 65.2151, 70.8244

Square

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



63.3990, 65.2151, 68.9208



61.2518, 65.2151, 67.0643



60.5922, 65.2151, 73.1372



62.7240, 65.2151, 75.1037

Rectangle

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



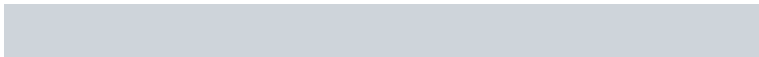
63.3990, 65.2151, 68.9208



62.3238, 65.2151, 66.6658



60.5922, 65.2151, 73.1372



61.6474, 65.2151, 75.5351

Sweetspot

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



63.4008, 65.2179, 68.9222



92.7789, 96.7544, 104.1458



64.4359, 65.2391, 75.5838



19.8823, 20.7434, 22.3413



0.0000, 0.0000, 0.0000



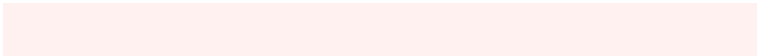
20.3446, 21.4041, 23.3091

Same Dimension

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



63.4008, 65.2179, 68.9222



88.4075, 90.5012, 95.0135



64.7515, 67.9192, 69.3724



13.6019, 13.8874, 14.5274



17.5049, 9.2954, 0.8716



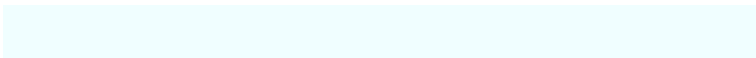
1.1677, 0.6695, 0.0677

Inverse Universe

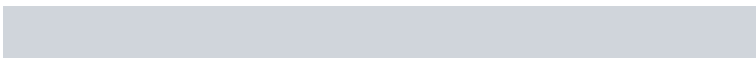
The Inverse Universe completely reimagines the original color for something new.



63.8698, 68.6659, 76.9060



89.1995, 96.3250, 108.4990



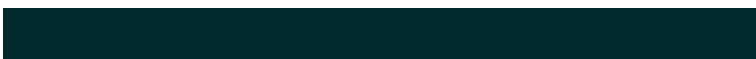
62.4890, 65.9044, 76.4458



13.7353, 14.8680, 16.7980



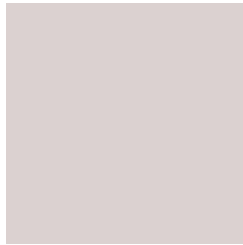
19.7358, 27.3411, 43.9756



1.3089, 1.8319, 2.8591

Previews

White Background



This preview shows how the XYZ color 63.3990, 65.2151, 68.9208 looks on a white background.

Color Contrast Check

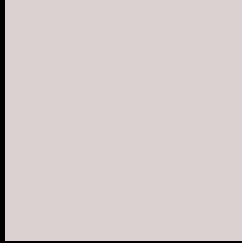
Large Text (above 18pt) WCAG AA × Fail

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 63.3990, 65.2151, 68.9208 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

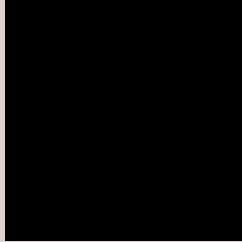
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

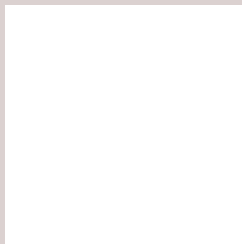
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 63.3990, 65.2151, 68.9208

Background



This preview shows how black text looks on a background with the XYZ color 63.3990, 65.2151, 68.9208.

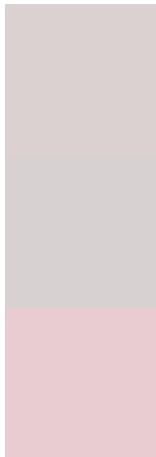


This preview shows how white text looks on a background with the XYZ color 63.3990, 65.2151,

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

63.3990, 65.2151, 68.9208

Protanopia

62.5795, 65.1437, 69.5973

Deuteranopia

66.3802, 64.9450, 69.3586



Tritanopia

65.4509, 65.3255, 78.9715

Trichromacy



Original Color

63.3990, 65.2151, 68.9208

Protanomaly

62.8741, 65.2956, 69.6111

Deuteranomaly

65.2585, 65.0770, 69.4432

Tritanomaly

64.7260, 65.3893, 75.5396

Monochromacy



Original Color

63.3990, 65.2151, 68.9208

Achromatopsia

62.5785, 65.8375, 71.6970

Achromatomaly

63.0765, 65.7388, 70.9924

CSS Examples

Text

The CSS property to change the color of the text to XYZ 63.3990, 65.2151, 68.9208 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(219, 209, 208) looks like.

```
.text, #text, p{  
    color:rgb(219, 209, 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(219, 209, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 209, 208) }
```

Border

The CSS property to change the border of an element to XYZ 63.3990, 65.2151, 68.9208 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(219, 209, 208) }
```


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

```
.border{ border-color:rgb(219, 209, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 209, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(219, 209, 208); -webkit-box-shadow:4px 4px 4px 4px rgb(219, 209, 208); box-shadow:4px 4px 4px 4px rgb(219, 209, 208) }
```

Background

The CSS property to change the background color of an element to XYZ 63.3990, 65.2151, 68.9208 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 209, 208) }
```

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

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