

Converting Colors

XYZ(65.0198, 69.0376, 70.3303)

Have a look what the booklet for
XYZ(65.0198, 69.0376, 70.3303)
contains.

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Color

**XYZ(64.9367, 68.9809,
70.2137)**

Conversions

Conversions Part 1

Format	Color
Hex	D9D9D1
RGB	217, 217, 209
RGB Percent	85%, 85%, 82%
CMY	0.1490, 0.1490, 0.1804
CMYK	0.00, 0.00, 0.04, 0.15
HSL	60°, 10%, 84%
HSV	60°, 4%, 85%
XYZ	64.9367, 68.9809, 70.2137
YIQ	216.0880, 2.5680, -2.4880

Conversions

Conversions Part 2

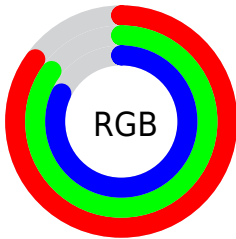
Format	Color
R_{YB}	209, 217, 209
Decimal	14277073
CIE Lab	86.49, -1.41, 3.93
CIE LCh	86, 4.172, 109.812
Yxy	68.9809, 0.3181, 0.3379
Android (android.graphics.Color)	4292467153 (0xFFD9D9D1)
YUV	216.0880, -3.4944, 0.7998
Hunter-Lab	83.0547, -5.7848, 8.0151

Details

The XYZ color **64.9367, 68.9809, 70.2137** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **61.6221, 64.1679, 74.7871**, and the grayscale version is **65.3537, 68.7572, 74.8765**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **33.7370, 35.8886, 36.1594** is the 20% darker color. If you saturate the color by 10%, you get **62.4281, 67.9793, 57.0138**, and if you desaturate by 10%, it is **67.8151, 70.1349, 85.3440**.

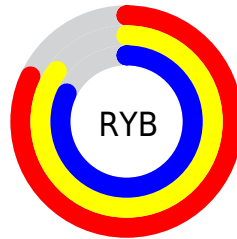
Distribution



Red (85%)

Green (85%)

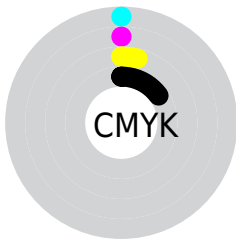
Blue (82%)



Red (82%)

Yellow (85%)

Blue (82%)

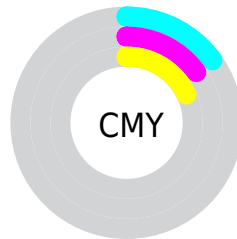


Cyan (0%)

Magenta (0%)

Yellow (4%)

Black (15%)



Cyan (15%)

Magenta (15%)

Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 64.9367, 68.9809, 70.2137 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 64.9367, 68.9809, 70.2137 by changing the saturation by 10% instead.

■ 64.9367, 68.9809,
70.2137

■ 64.9367, 68.9809,
70.2137

432.1133,
456.9636, 480.1094

■ 47.6743, 50.6962,
51.2229

111.0251,
117.7543, 121.1974

■ 33.7792, 35.9669,
36.0081

140.5817,
149.0117, 154.0274

■ 22.8861, 24.4086,
24.1507

174.9671,
185.3622, 192.3076

■ 14.6297, 15.6370,
15.2322

214.5467,
227.1901, 236.4564

■ 8.6445, 9.2677,
8.8341

259.6857,
274.8798, 286.8925

■ 4.5653, 4.9162,
4.5378

310.7496,

■ 2.0266, 2.1982,

328.8156, 344.0343

1.9248

368.1036,
389.3821, 408.3004

■ 0.6489, 0.7190,
0.5084

■ 0.0000, 0.0000,
0.0000

■ 64.9367, 68.9809,
70.2137

■ 64.9367, 68.9809,
70.2137

■ 62.4281, 67.9793,
57.0138

■ 67.8151, 70.1349,
85.3440

■ 60.2690, 67.1152,
45.6626

■ 71.0715, 71.4379,
102.4734

■ 58.4455, 66.3854,
36.0787

■ 71.4905, 71.6059,
104.6611

■ 56.9408, 65.7831,
28.1735

■ 71.4941, 71.6077,
104.6613

■ 55.7364, 65.3009,
21.8503

■ 71.4977, 71.6096,
104.6614

■ 54.8123, 64.9309,
17.0027

■ 71.5012, 71.6114,
104.6616

■ 54.1458, 64.6639,
13.5113

■ 71.5048, 71.6132,
104.6618

■ 53.7106, 64.4894,
11.2380

■ 71.5084, 71.6151,
104.6619

■ 53.4749, 64.3947,
10.0157

■ 71.5119, 71.6169,
104.6621

Harmonies

Analogous

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



65.8934, 68.9809, 69.9931



64.9367, 68.9809, 70.2137



64.1554, 68.9809, 71.7275

Triad

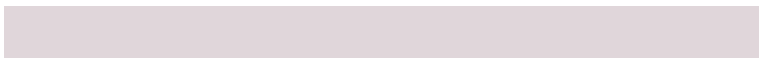
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



64.9367, 68.9809, 70.2137



64.3729, 68.9809, 79.2463



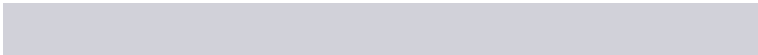
67.4096, 68.9809, 76.0534

Complementary

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



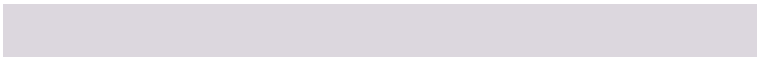
64.9367, 68.9809, 70.2137



61.6221, 64.1679, 74.7871

Split Complementary

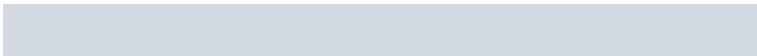
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



66.9936, 68.9809, 78.5941



64.9367, 68.9809, 70.2137



65.2362, 68.9809, 80.4672

Square

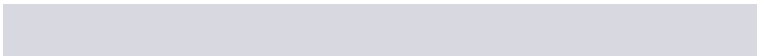
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



64.9367, 68.9809, 70.2137



63.8321, 68.9809, 76.9260



66.1959, 68.9809, 80.2256



67.3275, 68.9809, 73.3198

Rectangle

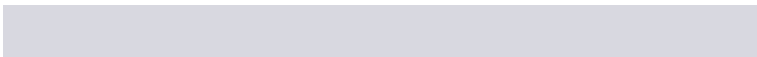
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



64.9367, 68.9809, 70.2137



63.8362, 68.9809, 73.2874



66.1959, 68.9809, 80.2256



67.3232, 68.9809, 76.9595

Sweetspot

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



64.9386, 68.9839, 70.2152



94.6416, 99.8366, 106.7520



62.9265, 64.9578, 69.5441



20.2615, 21.3709, 22.8720



0.0000, 0.0000, 0.0000



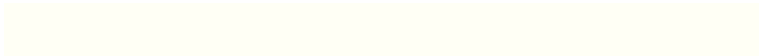
20.3446, 21.4041, 23.3091

Same Dimension

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



64.9386, 68.9839, 70.2152



93.4488, 99.3593, 100.4792



63.7646, 68.3787, 70.1603



14.4320, 15.3718, 15.3478



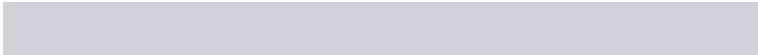
32.3213, 38.9597, 5.8165



2.0942, 2.5241, 0.3768

Inverse Universe

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



61.6221, 64.1679, 74.7871



88.2303, 91.7814, 107.6731



62.7675, 64.7584, 74.8407



13.4914, 14.0058, 16.6445



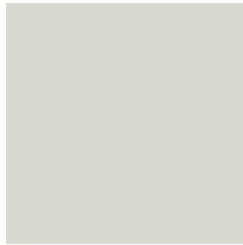
7.5828, 3.0333, 39.9242



0.4915, 0.1966, 2.5865

Previews

White Background



This preview shows how the XYZ color 64.9367, 68.9809, 70.2137 looks on a white background.

Color Contrast Check

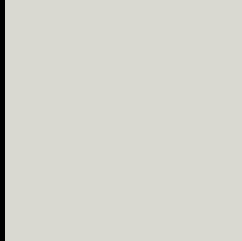
Large Text (above 18pt) WCAG AA × Fail

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 64.9367, 68.9809, 70.2137 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

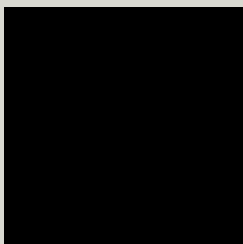
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

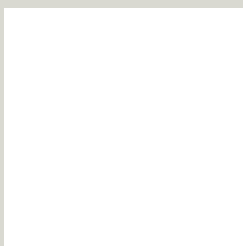
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 64.9367, 68.9809, 70.2137

Background



This preview shows how black text looks on a background with the XYZ color 64.9367, 68.9809, 70.2137.

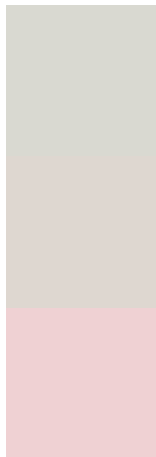


This preview shows how white text looks on a background with the XYZ color 64.9367, 68.9809,

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

64.9367, 68.9809, 70.2137

Protanopia

65.8098, 68.6845, 69.4634

Deuteranopia

70.1549, 68.6548, 71.1822



Tritanopia

67.9856, 69.0783, 85.3515

Trichromacy



Original Color

64.9367, 68.9809, 70.2137

Protanomaly

65.4562, 68.8814, 69.5200

Deuteranomaly

68.1313, 68.7290, 70.6479

Tritanomaly

66.8331, 68.9887, 79.6057

Monochromacy



Original Color

64.9367, 68.9809, 70.2137

Achromatopsia

65.2694, 68.6685, 74.7800

Achromatomaly

64.8850, 68.5148, 72.7557

CSS Examples

Text

The CSS property to change the color of the text to XYZ 64.9367, 68.9809, 70.2137 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, 217, 209) looks like.

```
.text, #text, p{  
    color:rgb(217, 217, 209)  
}
```

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, 217, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 217, 209) }
```

Border

The CSS property to change the border of an element to XYZ 64.9367, 68.9809, 70.2137 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, 217, 209) }
```


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

```
.border{ border-color:rgb(217, 217, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 217, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 217, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 217, 209);  
box-shadow:4px 4px 4px 4px rgb(217, 217,  
209) }
```

Background

The CSS property to change the background color of an element to XYZ 64.9367, 68.9809, 70.2137 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 217, 209) }
```

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

```
.background{ background-color: rgb(217,  
217, 209) }
```

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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