

Converting Colors

XYZ(65.9578, 70.0253, 64.9160)

Have a look what the booklet for
XYZ(65.9578, 70.0253, 64.9160)
contains.

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Color

**XYZ(65.9282, 70.0009,
64.6803)**

Conversions

Conversions Part 1

Format	Color
Hex	DFDAC8
RGB	223, 218, 200
RGB Percent	87%, 85%, 78%
CMY	0.1255, 0.1451, 0.2157
CMYK	0.00, 0.02, 0.10, 0.13
HSL	47°, 26%, 83%
HSV	47°, 10%, 87%
XYZ	65.9282, 70.0009, 64.6803
YIQ	217.4430, 8.7580, -4.5380

Conversions

Conversions Part 2

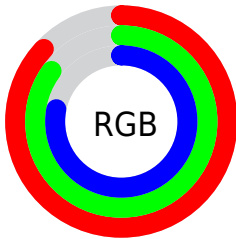
Format	Color
R _Y B	206, 223, 200
Decimal	14670536
CIE Lab	87.00, -1.35, 9.46
CIE LCh	87, 9.552, 98.131
Yxy	70.0009, 0.3286, 0.3489
Android (android.graphics.Color)	4292860616 (0xFFDFDAC8)
YUV	217.4430, -8.5994, 4.8735
Hunter-Lab	83.6665, -5.7607, 12.7311

Details

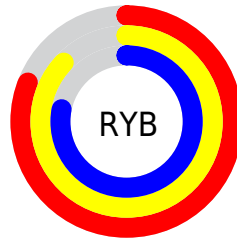
The XYZ color **65.9282, 70.0009, 64.6803** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **58.9700, 61.2688, 78.5309**, and the grayscale version is **66.3119, 69.7653, 75.9744**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **34.4339, 36.5945, 32.4427** is the 20% darker color. If you saturate the color by 10%, you get **62.2726, 66.5603, 51.5278**, and if you desaturate by 10%, it is **70.0045, 73.6731, 79.8502**.

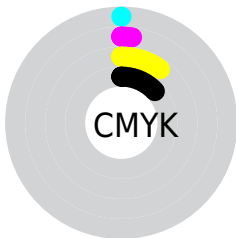
Distribution



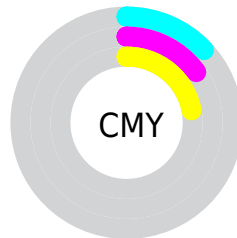
- Red (87%)
- Green (85%)
- Blue (78%)



- Red (81%)
- Yellow (87%)
- Blue (78%)



- Cyan (0%)
- Magenta (2%)
- Yellow (10%)
- Black (13%)



- Cyan (13%)
- Magenta (15%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 65.9282, 70.0009, 64.6803 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 65.9282, 70.0009, 64.6803 by changing the saturation by 10% instead.

■ 65.9282, 70.0009,
64.6803

■ 65.9282, 70.0009,
64.6803

435.6127,
460.5532, 459.9169

■ 48.4816, 51.5273,
46.7522

112.4416,
119.2100, 113.1990

■ 34.4213, 36.6284,
32.4869

142.2391,
150.7143, 144.6266

■ 23.3818, 24.9199,
21.4657

176.8842,
187.3310, 181.3912

■ 14.9980, 16.0174,
13.2703

216.7425,
229.4444, 223.9112

■ 8.9043, 9.5365,
7.4820

262.1791,
277.4389, 272.6053

■ 4.7354, 5.0927,
3.6824

313.5594,

■ 2.1260, 2.3018,

331.6989, 327.8919

1.4528

371.2488,
392.6089, 390.1896

■ 0.7033, 0.7746,
0.1824

■ 0.0000, 0.0000,
0.0000

■ 65.9282, 70.0009,
64.6803

■ 65.9282, 70.0009,
64.6803

■ 62.2726, 66.5603,
51.5278

■ 70.0045, 73.6731,
79.8502

■ 59.0154, 63.3350,
40.3018

■ 74.5116, 77.5746,
97.1141

■ 56.1404, 60.3204,
30.9111

■ 77.4898, 80.9242,
106.1435

■ 53.6284, 57.5082,
23.2552

■ 78.8764, 83.6974,
106.6057

■ 51.4582, 54.8894,
17.2243

■ 80.3009, 86.5464,
107.0806

■ 49.6062, 52.4541,
12.6955

■ 81.7636, 89.4718,
107.5681

■ 48.0454, 50.1910,
9.5287

■ 83.2648, 92.4741,
108.0685

■ 46.7439, 48.0868,
7.5570

■ 84.2418, 94.4282,
108.3942

■ 45.6767, 46.1780,
6.5058

Harmonies

Analogous

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



68.1463, 70.0009, 65.3652



65.9282, 70.0009, 64.6803



63.9171, 70.0009, 66.9480

Triad

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



65.9282, 70.0009, 64.6803



63.2125, 70.0009, 84.0684



70.5994, 70.0009, 80.8928

Complementary

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



65.9282, 70.0009, 64.6803



58.9700, 61.2688, 78.5309

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.



69.2208, 70.0009, 86.3088



65.9282, 70.0009, 64.6803



64.9469, 70.0009, 88.2125

Square

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



65.9282, 70.0009, 64.6803



62.3723, 70.0009, 77.9719



67.1430, 70.0009, 89.0545



70.8763, 70.0009, 74.4927

Rectangle

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



65.9282, 70.0009, 64.6803



62.9528, 70.0009, 69.9080



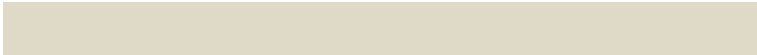
67.1430, 70.0009, 89.0545



70.2480, 70.0009, 82.8990

Sweetspot

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



65.9301, 70.0040, 64.6818



93.3148, 98.4614, 102.3659



62.1504, 61.4231, 66.5711



19.8759, 20.9878, 21.5460



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.



65.9301, 70.0040, 64.6818



88.4250, 94.0158, 84.2921



65.3896, 71.6777, 65.0334



14.6059, 15.4978, 14.5283



26.9431, 27.3242, 3.8540



1.9310, 2.0209, 0.2883

Inverse Universe

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



58.9700, 61.2688, 78.5309



77.5036, 80.3093, 106.0241



59.4652, 59.7782, 78.2171



13.1922, 13.7235, 17.3413



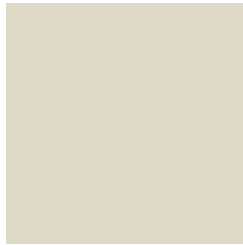
8.5317, 4.5329, 41.4736



0.6571, 0.4457, 2.8966

Previews

White Background



This preview shows how the XYZ color 65.9282, 70.0009, 64.6803 looks on a white background.

Color Contrast Check

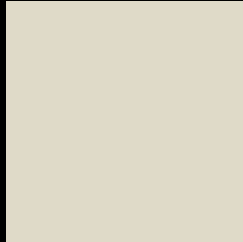
Large Text (above 18pt) WCAG AA × Fail

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 65.9282, 70.0009, 64.6803 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

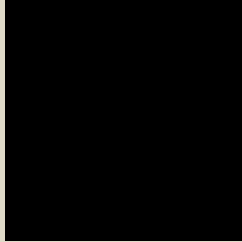
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

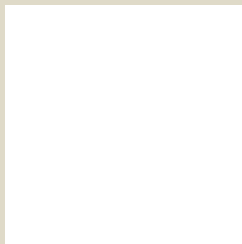
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 65.9282, 70.0009, 64.6803

Background



This preview shows how black text looks on a background with the XYZ color 65.9282, 70.0009, 64.6803.

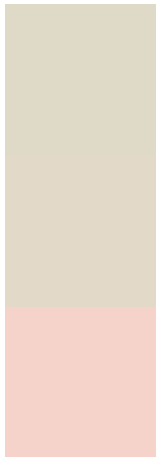


This preview shows how white text looks on a background with the XYZ color 65.9282, 70.0009, 64.6803.

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

65.9282, 70.0009, 64.6803

Protanopia

66.6022, 69.9646, 64.6378

Deuteranopia

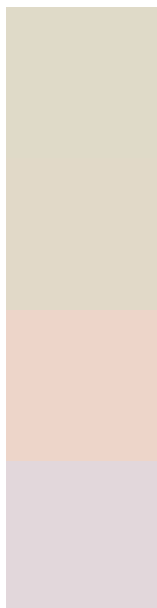
71.3635, 69.7699, 65.5828



Tritanopia

70.0080, 70.1372, 84.7109

Trichromacy



Original Color

65.9282, 70.0009, 64.6803

Protanomaly

66.2895, 69.8034, 64.6232

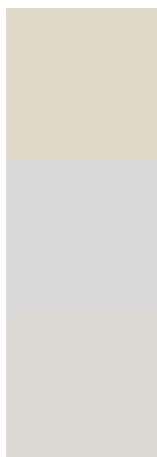
Deuteranomaly

69.2619, 69.8101, 65.0825

Tritanomaly

68.4507, 69.8841, 76.8991

Monochromacy



Original Color

65.9282, 70.0009, 64.6803

Achromatopsia

65.9525, 69.3872, 75.5626

Achromatomaly

65.7841, 69.3889, 71.5542

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.9282, 70.0009, 64.6803 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(223, 218, 200)` looks like.

```
.text, #text, p{  
    color:rgb(223, 218, 200)  
}
```

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(223, 218, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 218, 200) }
```

Border

The CSS property to change the border of an element to XYZ 65.9282, 70.0009, 64.6803 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(223, 218, 200) }
```


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

```
.border{ border-color:rgb(223, 218, 200) }
```

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

Here you see how a box with a 4 pixel rgb(223, 218, 200) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 218, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 218, 200);  
box-shadow:4px 4px 4px 4px rgb(223, 218,  
200) }
```

Background

The CSS property to change the background color of an element to XYZ 65.9282, 70.0009, 64.6803 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 218, 200) }
```

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

```
.background{ background-color: rgb(223,  
218, 200) }
```

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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