

Converting Colors

XYZ(65.4468, 67.3714, 70.1883)

Have a look what the booklet for
XYZ(65.4468, 67.3714, 70.1883)
contains.

XYZ(65.4835, 67.3784, 69.8756)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(65.4835, 67.3784,
69.8756)**

Conversions

Conversions Part 1

Format	Color
Hex	DFD4D1
RGB	223, 212, 209
RGB Percent	87%, 83%, 82%
CMY	0.1255, 0.1686, 0.1804
CMYK	0.00, 0.05, 0.06, 0.13
HSL	13°, 18%, 85%
HSV	13°, 6%, 87%
XYZ	65.4835, 67.3784, 69.8756
YIQ	214.9470, 7.5190, 1.3990

Conversions

Conversions Part 2

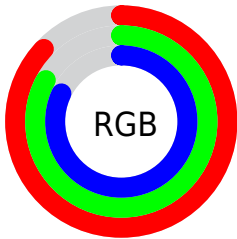
Format	Color
R _Y B	223, 213, 209
Decimal	14669009
CIE Lab	85.69, 3.27, 2.82
CIE LCh	86, 4.318, 40.845
Yxy	67.3784, 0.3230, 0.3323
Android (android.graphics.Color)	4292859089 (0xFFDFD4D1)
YUV	214.9470, -2.9319, 7.0625
Hunter-Lab	82.0843, -1.2477, 6.9875

Details

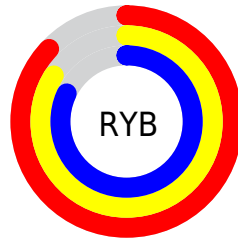
The XYZ color **65.4835, 67.3784, 69.8756** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **65.2068, 70.0682, 79.9005**, and the grayscale version is **64.5727, 67.9355, 73.9818**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **34.1218, 34.8053, 35.9300** is the 20% darker color. If you saturate the color by 10%, you get **58.7705, 58.0654, 54.9565**, and if you desaturate by 10%, it is **73.0618, 77.8019, 86.9914**.

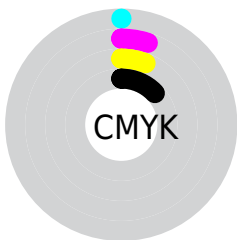
Distribution



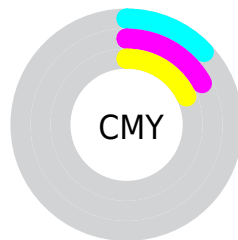
- Red (87%)
- Green (83%)
- Blue (82%)



- Red (87%)
- Yellow (84%)
- Blue (82%)



- Cyan (0%)
- Magenta (5%)
- Yellow (6%)
- Black (13%)



- Cyan (13%)
- Magenta (17%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 65.4835, 67.3784, 69.8756 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 65.4835, 67.3784, 69.8756 by changing the saturation by 10% instead.

■ 65.4835, 67.3784,
69.8756

■ 65.4835, 67.3784,
69.8756

434.0452,
451.2905, 478.8904

■ 48.1194, 49.3922,
50.9489

111.8065,
115.4625, 120.7108

■ 34.1331, 34.9307,
35.7915

141.4962,
146.3291, 153.4564

■ 23.1592, 23.6095,
23.9848

176.0251,
182.2580, 191.6454

■ 14.8325, 15.0442,
15.1103

215.7585,
223.6336, 235.6964

■ 8.7874, 8.8504,
8.7493

261.0619,
270.8402, 286.0278

■ 4.6588, 4.6437,
4.4835

312.3006,

■ 2.0812, 2.0398,

324.2623, 343.0583

1.8941

369.8399,
384.2843, 407.2063

■ 0.6789, 0.6304,
0.4890

■ 0.0000, 0.0000,
0.0000

■ 65.4835, 67.3784,
69.8756

■ 65.4835, 67.3784,
69.8756

■ 58.7705, 58.0654,
54.9565

■ 73.0618, 77.8019,
86.9914

■ 52.8861, 49.8175,
42.1406

■ 81.5291, 89.3618,
106.3834

■ 47.7992, 42.5990,
31.3342

■ 84.2417, 94.4281,
108.3942

■ 43.4746, 36.3690,
22.4346

■ 39.8745, 31.0838,
15.3303

■ 36.9574, 26.6965,
9.8978

■ 34.6778, 23.1557,
5.9980

■ 32.9837, 20.4048,
3.4690

■ 31.8136, 18.3792,
2.1091

Harmonies

Analogous

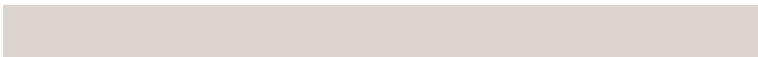
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



65.9179, 67.3784, 72.3485



65.4835, 67.3784, 69.8756



64.6641, 67.3784, 68.3618

Triad

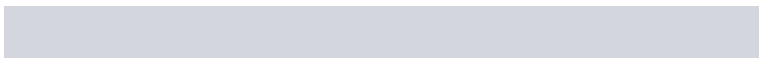
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



65.4835, 67.3784, 69.8756



62.2700, 67.3784, 71.5995



64.3979, 67.3784, 78.8167

Complementary

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



65.4835, 67.3784, 69.8756



65.2068, 70.0682, 79.9005

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.



63.4222, 67.3784, 78.6036



65.4835, 67.3784, 69.8756



62.2003, 67.3784, 74.3882

Square

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



65.4835, 67.3784, 69.8756



62.8114, 67.3784, 69.3394



62.6201, 67.3784, 76.9658



65.2869, 67.3784, 77.5406

Rectangle

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



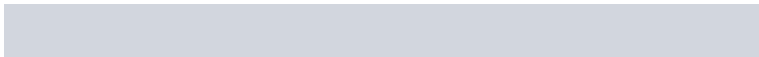
65.4835, 67.3784, 69.8756



64.0132, 67.3784, 68.0765



62.6201, 67.3784, 76.9658



64.0691, 67.3784, 78.9176

Sweetspot

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



65.4854, 67.3813, 69.8771



92.9750, 97.1467, 104.2112



66.1775, 66.4678, 77.1915



19.9222, 20.8233, 22.3546



0.0000, 0.0000, 0.0000



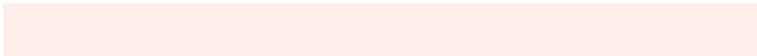
20.3446, 21.4041, 23.3091

Same Dimension

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



65.4854, 67.3813, 69.8771



87.0375, 88.9548, 90.8772



67.2202, 70.8510, 70.4553



13.9444, 14.1748, 14.3078



18.5785, 10.5948, 1.0658



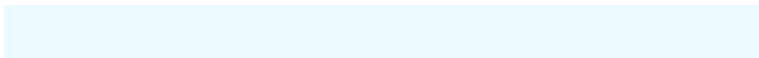
1.3531, 0.8651, 0.0957

Inverse Universe

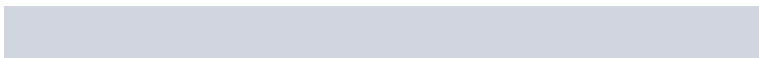
The Inverse Universe completely reimagines the original color for something new.



65.2068, 70.0682, 79.9005



86.5585, 93.5730, 108.1070



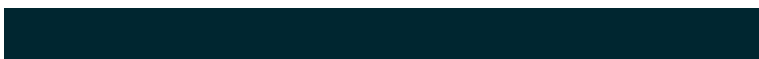
63.4593, 66.5732, 79.3180



13.8539, 15.0470, 17.5619



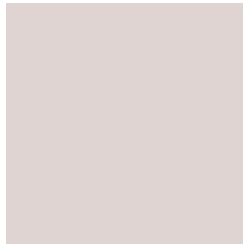
16.9482, 21.3659, 44.2791



1.2377, 1.6068, 3.0902

Previews

White Background



This preview shows how the XYZ color 65.4835, 67.3784, 69.8756 looks on a white background.

Color Contrast Check

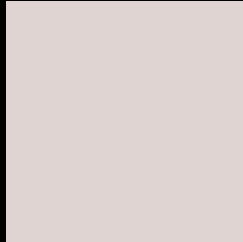
Large Text (above 18pt) WCAG AA × Fail

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 65.4835, 67.3784, 69.8756 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

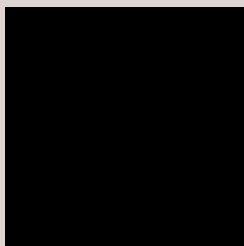
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

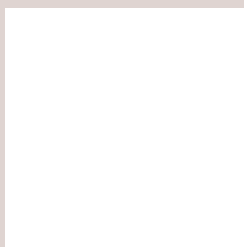
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 65.4835, 67.3784, 69.8756

Background



This preview shows how black text looks on a background with the XYZ color 65.4835, 67.3784, 69.8756.

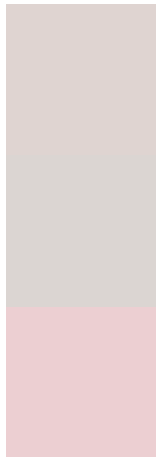


This preview shows how white text looks on a background with the XYZ color 65.4835, 67.3784,

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

65.4835, 67.3784, 69.8756

Protanopia

64.6405, 67.3017, 70.5564

Deuteranopia

68.5378, 67.1117, 70.3143



Tritanopia

67.5793, 67.0995, 81.3412

Trichromacy



Original Color

65.4835, 67.3784, 69.8756

Protanomaly

64.9423, 67.4573, 70.5705

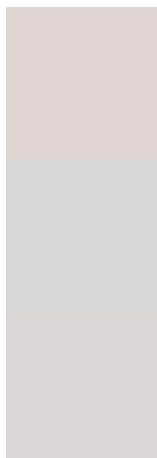
Deuteranomaly

67.3883, 67.2430, 70.4002

Tritanomaly

66.7053, 67.1078, 77.1475

Monochromacy



Original Color

65.4835, 67.3784, 69.8756

Achromatopsia

64.5905, 67.9542, 74.0022

Achromatomaly

64.9703, 67.8027, 72.6137

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.4835, 67.3784, 69.8756 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, 212, 209) looks like.

```
.text, #text, p{  
    color:rgb(223, 212, 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(223, 212, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 212, 209) }
```

Border

The CSS property to change the border of an element to XYZ 65.4835, 67.3784, 69.8756 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, 212, 209) }
```


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

```
.border{ border-color:rgb(223, 212, 209) }
```

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

Here you see how a box with a 4 pixel rgb(223, 212, 209) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 212, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 212, 209);  
box-shadow:4px 4px 4px 4px rgb(223, 212,  
209) }
```

Background

The CSS property to change the background color of an element to XYZ 65.4835, 67.3784, 69.8756 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 212, 209) }
```

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

```
.background{ background-color: rgb(223,  
212, 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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