

Converting Colors

XYZ(66.4688, 67.4824, 69.0971)

Have a look what the booklet for
XYZ(66.4688, 67.4824, 69.0971)
contains.

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Color

**XYZ(66.6743, 67.6366,
69.2156)**

Conversions

Conversions Part 1

Format	Color
Hex	E4D3D0
RGB	228, 211, 208
RGB Percent	89%, 83%, 82%
CMY	0.1059, 0.1725, 0.1843
CMYK	0.00, 0.07, 0.09, 0.11
HSL	9°, 27%, 85%
HSV	9°, 9%, 89%
XYZ	66.6743, 67.6366, 69.2156
YIQ	215.7410, 11.0950, 2.6710

Conversions

Conversions Part 2

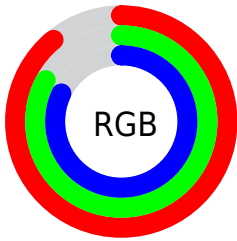
Format	Color
R _Y B	228, 212, 208
Decimal	14996432
CIE Lab	85.82, 5.37, 3.59
CIE LCh	86, 6.459, 33.793
Yxy	67.6366, 0.3276, 0.3323
Android (android.graphics.Color)	4293186512 (0xFFE4D3D0)
YUV	215.7410, -3.8163, 10.7511
Hunter-Lab	82.2415, 0.7898, 7.6697

Details

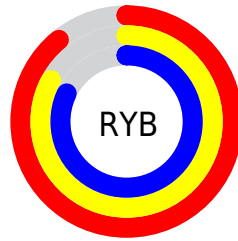
The XYZ color **66.6743, 67.6366, 69.2156** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **66.9409, 72.8603, 83.9347**, and the grayscale version is **65.1155, 68.5065, 74.6036**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **35.1233, 35.3313, 35.5403** is the 20% darker color. If you saturate the color by 10%, you get **59.5420, 57.5425, 53.9792**, and if you desaturate by 10%, it is **74.7939, 79.0583, 86.7722**.

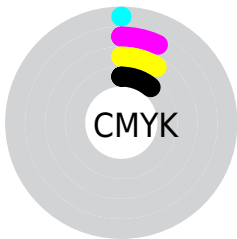
Distribution



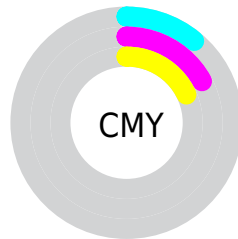
- Red (89%)
- Green (83%)
- Blue (82%)



- Red (89%)
- Yellow (83%)
- Blue (82%)



- Cyan (0%)
- Magenta (7%)
- Yellow (9%)
- Black (11%)



- Cyan (11%)
- Magenta (17%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 66.6743, 67.6366, 69.2156 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 66.6743, 67.6366, 69.2156 by changing the saturation by 10% instead.

66.6743, 67.6366,
69.2156

66.6743, 67.6366,
69.2156

438.2353,
452.2074, 476.5055

49.0897, 49.6022,
50.4145

113.5060,
115.8321, 119.7601

34.9055, 35.0974,
35.3693

143.4838,
146.7620, 152.3405

23.7562, 23.7379,
23.6617

178.3233,
182.7591, 190.3511

15.2767, 15.1393,
14.8730

218.3900,
224.2079, 234.2104

9.1014, 8.9172,
8.5847

264.0492,
271.4927, 284.3369

4.8650, 4.6872,
4.3782

315.6663,

2.2022, 2.0649,

324.9980, 341.1493

1.8350

373.6065,
385.1081, 405.0660

■ 0.7439, 0.6448,
0.4509

■ 0.0000, 0.0000,
0.0000

■ 66.6743, 67.6366,
69.2156

■ 66.6743, 67.6366,
69.2156

■ 59.5420, 57.5425,
53.9792

■ 74.7939, 79.0583,
86.7722

■ 53.3536, 48.7192,
40.9615

■ 83.9308, 91.8442,
106.7360

■ 48.0710, 41.1189,
30.0602

■ 85.8052, 95.2341,
108.4673

■ 43.6511, 34.6873,
21.1631

■ 40.0475, 29.3660,
14.1474

■ 37.2090, 25.0917,
8.8772

■ 35.0788, 21.7945,
5.1978

■ 33.5915, 19.3955,
2.9273

■ 32.6605, 17.8003,
1.7948

Harmonies

Analogous

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



67.1604, 67.6366, 73.1084



66.6743, 67.6366, 69.2156



65.5482, 67.6366, 66.5898

Triad

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



66.6743, 67.6366, 69.2156



61.7735, 67.6366, 70.1130



64.4745, 67.6366, 82.0570

Complementary

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



66.6743, 67.6366, 69.2156



66.9409, 72.8603, 83.9347

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.



63.0412, 67.6366, 81.1812



66.6743, 67.6366, 69.2156



61.4959, 67.6366, 74.1837

Square

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



66.6743, 67.6366, 69.2156



62.7208, 67.6366, 67.0939



61.9565, 67.6366, 78.2589



65.8781, 67.6366, 80.6088

Rectangle

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



66.6743, 67.6366, 69.2156



64.5939, 67.6366, 65.8558



61.9565, 67.6366, 78.2589



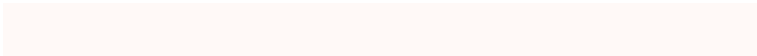
63.9801, 67.6366, 82.0249

Sweetspot

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



66.6762, 67.6396, 69.2170



91.8036, 95.4391, 101.8622



68.1422, 67.0429, 80.5839



19.4683, 20.1727, 21.4102



0.0000, 0.0000, 0.0000



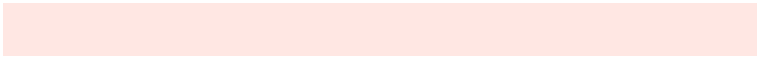
20.3446, 21.4041, 23.3091

Same Dimension

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



66.6762, 67.6396, 69.2170



83.7199, 84.0466, 84.4470



69.2373, 72.7617, 70.0707



14.5508, 14.7156, 14.9779



18.8627, 10.2995, 0.9938



1.4484, 0.8701, 0.0916

Inverse Universe

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



66.9409, 72.8603, 83.9347



84.1434, 92.4039, 108.0087



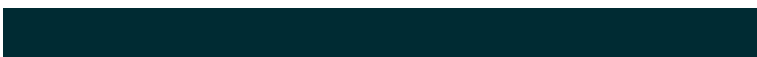
64.3173, 67.6131, 83.0601



14.6133, 15.9481, 18.4524



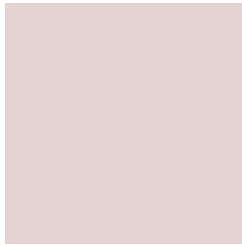
19.2639, 25.5898, 46.3072



1.4738, 1.9916, 3.4387

Previews

White Background



This preview shows how the XYZ color 66.6743, 67.6366, 69.2156 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 66.6743, 67.6366, 69.2156 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

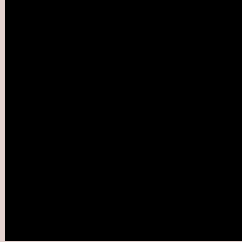
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

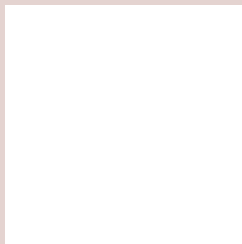
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 66.6743, 67.6366, 69.2156

Background



This preview shows how black text looks on a background with the XYZ color 66.6743, 67.6366, 69.2156.



This preview shows how white text looks on a background with the XYZ color 66.6743, 67.6366,

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

66.6743, 67.6366, 69.2156

Protanopia

65.0704, 67.9122, 70.0004

Deuteranopia

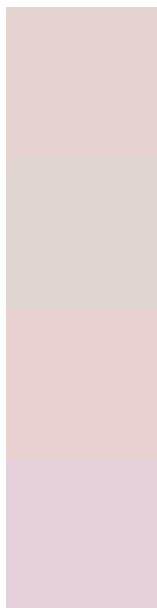
69.3244, 67.8923, 69.7723



Tritanopia

68.7796, 67.3710, 80.6130

Trichromacy



Original Color

66.6743, 67.6366, 69.2156

Protanomaly

65.7343, 67.8799, 69.9592

Deuteranomaly

68.2408, 67.6968, 69.7917

Tritanomaly

67.8997, 67.3734, 76.4435

Monochromacy



Original Color

66.6743, 67.6366, 69.2156

Achromatopsia

65.2694, 68.6685, 74.7800

Achromatomaly

65.5720, 68.1129, 72.6419

CSS Examples

Text

The CSS property to change the color of the text to XYZ 66.6743, 67.6366, 69.2156 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(228, 211, 208) looks like.

```
.text, #text, p{  
    color:rgb(228, 211, 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(228, 211, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 211, 208) }
```

Border

The CSS property to change the border of an element to XYZ 66.6743, 67.6366, 69.2156 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(228, 211, 208) }
```


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

```
.border{ border-color:rgb(228, 211, 208) }
```

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

Here you see how a box with a 4 pixel rgb(228, 211, 208) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 211, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 211, 208);  
box-shadow:4px 4px 4px 4px rgb(228, 211,  
208) }
```

Background

The CSS property to change the background color of an element to XYZ 66.6743, 67.6366, 69.2156 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 211, 208) }
```

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

```
.background{ background-color: rgb(228,  
211, 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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