

Converting Colors

XYZ(69.0769, 69.0165, 63.1209)

Have a look what the booklet for
XYZ(69.0769, 69.0165, 63.1209)
contains.

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Color

**XYZ(69.0839, 69.0165,
63.1065)**

Conversions

Conversions Part 1

Format	Color
Hex	EFD3C6
RGB	239, 211, 198
RGB Percent	94%, 83%, 78%
CMY	0.0627, 0.1725, 0.2235
CMYK	0.00, 0.12, 0.17, 0.06
HSL	19°, 56%, 86%
HSV	19°, 17%, 94%
XYZ	69.0839, 69.0165, 63.1065
YIQ	217.8900, 20.8610, 1.8930

Conversions

Conversions Part 2

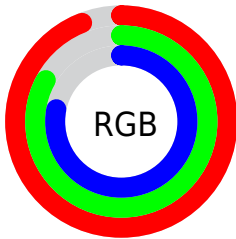
Format	Color
R _Y B	239, 217, 198
Decimal	15717318
CIE Lab	86.51, 7.69, 9.99
CIE LCh	87, 12.612, 52.417
Yxy	69.0165, 0.3433, 0.3430
Android (android.graphics.Color)	4293907398 (0xFFEFD3C6)
YUV	217.8900, -9.8058, 18.5135
Hunter-Lab	83.0762, 3.0525, 13.1153

Details

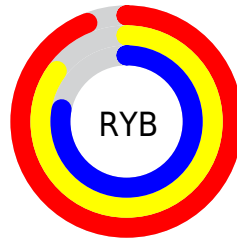
The XYZ color **69.0839, 69.0165, 63.1065** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **66.0646, 72.6287, 92.1986**, and the grayscale version is **66.6217, 70.0912, 76.3294**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **36.4509, 35.8578, 31.3856** is the 20% darker color. If you saturate the color by 10%, you get **62.6917, 60.3007, 48.4313**, and if you desaturate by 10%, it is **76.3266, 78.7357, 80.2128**.

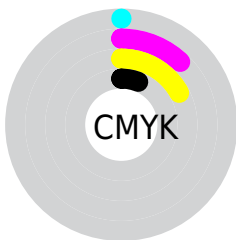
Distribution



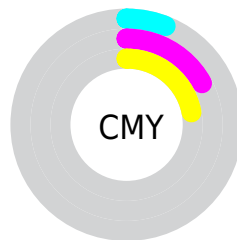
- Red (94%)
- Green (83%)
- Blue (78%)



- Red (94%)
- Yellow (85%)
- Blue (78%)



- Cyan (0%)
- Magenta (12%)
- Yellow (17%)
- Black (6%)



- Cyan (6%)
- Magenta (17%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 69.0839, 69.0165, 63.1065 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 69.0839, 69.0165, 63.1065 by changing the saturation by 10% instead.

69.0839, 69.0165,
63.1065

69.0839, 69.0165,
63.1065

446.6436,
457.0892, 454.0745

51.0569, 50.7251,
45.4858

116.9348,
117.8051, 110.9102

36.4751, 35.9899,
31.4945

147.4895,
149.0712, 141.9303

24.9732, 24.4264,
20.7141

182.9507,
185.4310, 178.2540

16.1857, 15.6502,
12.7260

223.6840,
227.2689, 220.2997

9.7473, 9.2770,
7.1116

270.0545,
274.9692, 268.4861

5.2927, 4.9223,
3.4525

322.4277,

2.4565, 2.2017,

328.9165, 323.2317

1.3301

381.1690,
389.4950, 384.9549

■ 0.8734, 0.7209,
0.0862

■ 0.0000, 0.0000,
0.0000

■ 69.0839, 69.0165,
63.1065

■ 69.0839, 69.0165,
63.1065

■ 62.6917, 60.3007,
48.4313

■ 76.3266, 78.7357,
80.2128

■ 57.1117, 52.5465,
36.0717

■ 84.4448, 89.4801,
99.8500

■ 52.3110, 45.7226,
25.9090

■ 89.4068, 97.0908,
108.6359

■ 48.2522, 39.7924,
17.8125

■ 44.8943, 34.7167,
11.6371

■ 42.1921, 30.4532,
7.2188

■ 40.0938, 26.9553,
4.3655

■ 38.5359, 24.1694,
2.8294

■ 38.1680, 23.4933,
2.5230

Harmonies

Analogous

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



70.9288, 69.0165, 69.1782



69.0839, 69.0165, 63.1065



66.3421, 69.0165, 60.3028

Triad

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



69.0839, 69.0165, 63.1065



60.1864, 69.0165, 73.0444



67.7635, 69.0165, 91.0205

Complementary

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



69.0839, 69.0165, 63.1065



66.0646, 72.6287, 92.1986

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.



64.8597, 69.0165, 92.2474



69.0839, 69.0165, 63.1065



60.5415, 69.0165, 81.4501

Square

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



69.0839, 69.0165, 63.1065



61.2468, 69.0165, 65.7568



62.2316, 69.0165, 88.6297



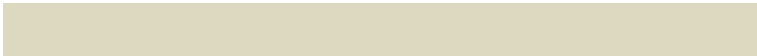
70.1508, 69.0165, 85.3917

Rectangle

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



69.0839, 69.0165, 63.1065



64.3977, 69.0165, 60.5065



62.2316, 69.0165, 88.6297



66.8133, 69.0165, 91.9776

Sweetspot

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



69.0858, 69.0196, 63.1080



90.3499, 93.7764, 97.5401



69.5211, 64.2317, 80.6980



19.2017, 19.8900, 20.5487



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.



69.0858, 69.0196, 63.1080



77.0201, 75.8671, 66.1207



74.5016, 79.8513, 64.9132



16.1820, 16.5771, 16.4965



21.1964, 13.1909, 1.4289



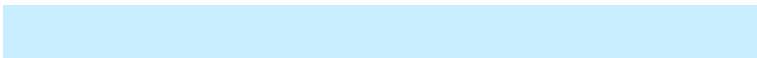
1.8495, 1.2696, 0.1476

Inverse Universe

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



66.0646, 72.6287, 92.1986



72.8374, 80.8576, 106.3759



60.8247, 62.1489, 90.4520



15.8000, 17.0341, 20.1768



15.9897, 18.2037, 47.7988



1.4192, 1.6924, 4.0061

Previews

White Background



This preview shows how the XYZ color 69.0839, 69.0165, 63.1065 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 69.0839, 69.0165, 63.1065 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

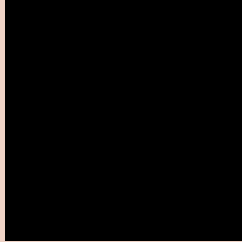
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 69.0839, 69.0165, 63.1065

Background



This preview shows how black text looks on a background with the XYZ color 69.0839, 69.0165, 63.1065.

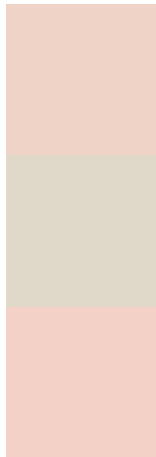


This preview shows how white text looks on a background with the XYZ color 69.0839, 69.0165,

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

69.0839, 69.0165, 63.1065

Protanopia

65.8390, 69.1761, 65.1406

Deuteranopia

70.3017, 68.9112, 63.0220



Tritanopia

72.2501, 68.8306, 79.2897

Trichromacy



Original Color

69.0839, 69.0165, 63.1065

Protanomaly

66.7850, 68.9213, 64.4268

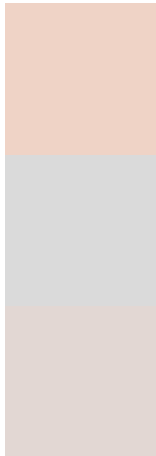
Deuteranomaly

69.8576, 69.0476, 63.0717

Tritanomaly

70.9691, 68.6676, 73.1320

Monochromacy



Original Color

69.0839, 69.0165, 63.1065

Achromatopsia

66.6397, 70.1102, 76.3500

Achromatomaly

67.4223, 69.4728, 71.4841

CSS Examples

Text

The CSS property to change the color of the text to XYZ 69.0839, 69.0165, 63.1065 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(239, 211, 198)` looks like.

```
.text, #text, p{  
    color:rgb(239, 211, 198)  
}
```

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(239, 211, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 211, 198) }
```

Border

The CSS property to change the border of an element to XYZ 69.0839, 69.0165, 63.1065 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(239, 211, 198) }
```


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

```
.border{ border-color:rgb(239, 211, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(239, 211, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 211, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 211, 198);  
box-shadow:4px 4px 4px 4px rgb(239, 211,  
198) }
```

Background

The CSS property to change the background color of an element to XYZ 69.0839, 69.0165, 63.1065 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 211, 198) }
```

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

```
.background{ background-color: rgb(239,  
211, 198) }
```

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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