

Converting Colors

XYZ(66.4329, 69.5625, 63.2306)

Have a look what the booklet for
XYZ(66.4329, 69.5625, 63.2306)
contains.

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Color

**XYZ(66.4275, 69.5198,
63.3436)**

Conversions

Conversions Part 1

Format	Color
Hex	E3D8C6
RGB	227, 216, 198
RGB Percent	89%, 85%, 78%
CMY	0.1098, 0.1529, 0.2235
CMYK	0.00, 0.05, 0.13, 0.11
HSL	37°, 34%, 83%
HSV	37°, 13%, 89%
XYZ	66.4275, 69.5198, 63.3436
YIQ	217.2370, 12.3340, -3.2660

Conversions

Conversions Part 2

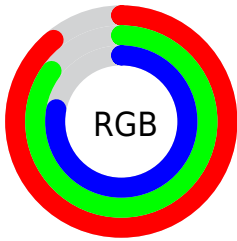
Format	Color
R _Y B	216, 227, 198
Decimal	14932166
CIE Lab	86.76, 0.78, 10.21
CIE LCh	87, 10.244, 85.617
Yxy	69.5198, 0.3333, 0.3488
Android (android.graphics.Color)	4293122246 (0xFFE3D8C6)
YUV	217.2370, -9.4838, 8.5622
Hunter-Lab	83.3785, -3.7019, 13.3217

Details

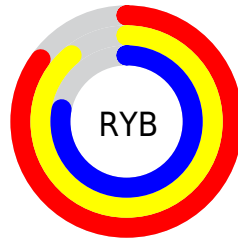
The XYZ color **66.4275, 69.5198, 63.3436** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **59.9542, 63.1517, 81.7035**, and the grayscale version is **66.1745, 69.6207, 75.8170**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **34.7922, 36.2740, 31.5534** is the 20% darker color. If you saturate the color by 10%, you get **61.8559, 64.2569, 49.8555**, and if you desaturate by 10%, it is **71.5109, 75.1768, 78.9400**.

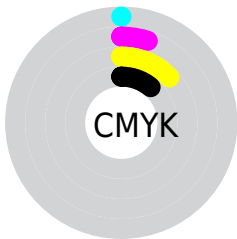
Distribution



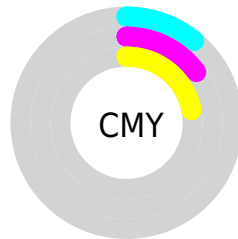
- Red (89%)
- Green (85%)
- Blue (78%)



- Red (85%)
- Yellow (89%)
- Blue (78%)



- Cyan (0%)
- Magenta (5%)
- Yellow (13%)
- Black (11%)



- Cyan (11%)
- Magenta (15%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 66.4275, 69.5198, 63.3436 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 66.4275, 69.5198, 63.3436 by changing the saturation by 10% instead.

66.4275, 69.5198,
63.3436

66.4275, 69.5198,
63.3436

437.3688,
458.8621, 454.9576

48.8885, 51.1352,
45.6765

113.1540,
118.5237, 111.2554

34.7452, 36.3162,
31.6438

143.0723,
149.9117, 142.3372

23.6323, 24.6785,
20.8270

177.8476,
186.4030, 178.7276

15.1843, 15.8377,
12.8076

217.8455,
228.3820, 220.8451

9.0360, 9.4094,
7.1670

263.4312,
276.2330, 269.1083

4.8220, 5.0091,
3.4867

314.9700,

2.1769, 2.2526,

330.3404, 323.9358

1.3482

372.8275,
391.0887, 385.7461

■ 0.7305, 0.7485,
0.1008

■ 0.0000, 0.0000,
0.0000

■ 66.4275, 69.5198,
63.3436

■ 66.4275, 69.5198,
63.3436

■ 61.8559, 64.2569,
49.8555

■ 71.5109, 75.1768,
78.9400

■ 57.7712, 59.3686,
38.3791

■ 77.1185, 81.2288,
96.7267

■ 54.1548, 54.8467,
28.8166

■ 81.4296, 86.9524,
107.0994

■ 50.9847, 50.6796,
21.0604

■ 84.0496, 92.1925,
107.9728

■ 48.2366, 46.8545,
14.9922

■ 85.4889, 95.0711,
108.4525

■ 45.8833, 43.3575,
10.4793

■ 43.8942, 40.1730,
7.3689

■ 42.2322, 37.2831,
5.4765

■ 41.1934, 35.3600,
4.6540

Harmonies

Analogous

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



68.6996, 69.5198, 65.3679



66.4275, 69.5198, 63.3436



64.1140, 69.5198, 64.4621

Triad

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



66.4275, 69.5198, 63.3436



62.0280, 69.5198, 81.5152



69.9328, 69.5198, 83.3550

Complementary

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



66.4275, 69.5198, 63.3436



59.9542, 63.1517, 81.7035

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.



68.0786, 69.5198, 88.1629



66.4275, 69.5198, 63.3436



63.5210, 69.5198, 87.0567

Square

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



66.4275, 69.5198, 63.3436



61.6098, 69.5198, 74.6962



65.7267, 69.5198, 89.5564



70.7540, 69.5198, 76.7032

Rectangle

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



66.4275, 69.5198, 63.3436



62.8537, 69.5198, 66.8776



65.7267, 69.5198, 89.5564



69.4075, 69.5198, 85.2557

Sweetspot

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



66.4294, 69.5229, 63.3451



92.2295, 96.9175, 100.0721



63.3966, 61.3293, 68.8947



19.6300, 20.6223, 21.0753



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.



66.4294, 69.5229, 63.3451



85.0384, 88.8698, 78.1469



68.2848, 74.8024, 64.2663



15.1185, 15.8509, 15.1671



24.1397, 20.8535, 2.7528



1.8727, 1.7187, 0.2330

Inverse Universe

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



59.9542, 63.1517, 81.7035



75.2379, 79.2271, 105.9346



58.2507, 58.4059, 80.8772



14.0285, 14.7783, 18.2575



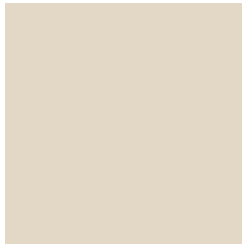
10.1341, 7.3303, 43.2639



0.8362, 0.7163, 3.2262

Previews

White Background



This preview shows how the XYZ color 66.4275, 69.5198, 63.3436 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 66.4275, 69.5198, 63.3436 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

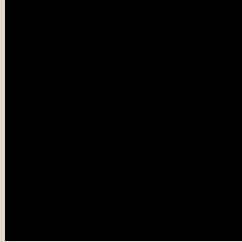
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

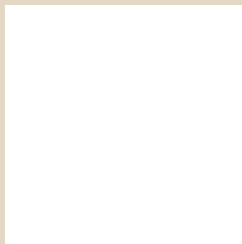
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 66.4275, 69.5198, 63.3436

Background



This preview shows how black text looks on a background with the XYZ color 66.4275, 69.5198, 63.3436.

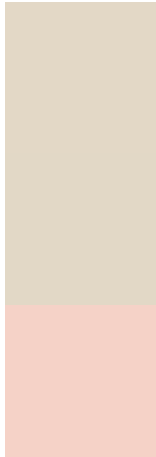


This preview shows how white text looks on a background with the XYZ color 66.4275, 69.5198,

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

66.4275, 69.5198, 63.3436

Protanopia

66.1129, 69.3577, 63.3289

Deuteranopia

71.0116, 69.6292, 63.7299



Tritanopia

70.5021, 69.6773, 83.1320

Trichromacy



Original Color

66.4275, 69.5198, 63.3436

Protanomaly

66.1129, 69.3577, 63.3289

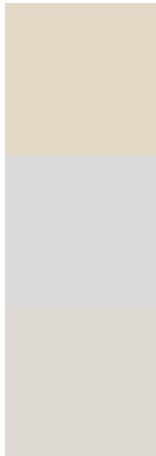
Deuteranomaly

69.1122, 69.3876, 63.7834

Tritanomaly

68.9518, 69.4212, 75.4111

Monochromacy



Original Color

66.4275, 69.5198, 63.3436

Achromatopsia

65.9525, 69.3872, 75.5626

Achromatomaly

66.2645, 69.6510, 70.9242

CSS Examples

Text

The CSS property to change the color of the text to XYZ 66.4275, 69.5198, 63.3436 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(227, 216, 198) looks like.

```
.text, #text, p{  
    color:rgb(227, 216, 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(227, 216, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 216, 198) }
```

Border

The CSS property to change the border of an element to XYZ 66.4275, 69.5198, 63.3436 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(227, 216, 198) }
```


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

```
.border{ border-color:rgb(227, 216, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 216, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(227, 216, 198); -webkit-box-shadow:4px 4px 4px 4px rgb(227, 216, 198); box-shadow:4px 4px 4px 4px rgb(227, 216, 198) }
```

Background

The CSS property to change the background color of an element to XYZ 66.4275, 69.5198, 63.3436 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 216, 198) }
```

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

```
.background{ background-color: rgb(227,  
216, 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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