

Converting Colors

XYZ(67.2278, 69.5553, 63.5398)

Have a look what the booklet for
XYZ(67.2278, 69.5553, 63.5398)
contains.

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Color

**XYZ(67.1266, 69.5011,
63.3032)**

Conversions

Conversions Part 1

Format	Color
Hex	E6D7C6
RGB	230, 215, 198
RGB Percent	90%, 84%, 78%
CMY	0.0980, 0.1568, 0.2235
CMYK	0.00, 0.07, 0.14, 0.10
HSL	32°, 39%, 84%
HSV	32°, 14%, 90%
XYZ	67.1266, 69.5011, 63.3032
YIQ	217.5470, 14.3970, -2.1070

Conversions

Conversions Part 2

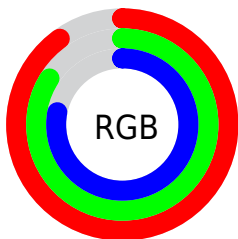
Format	Color
R _Y B	226, 230, 198
Decimal	15128518
CIE Lab	86.75, 2.37, 10.23
CIE LCh	87, 10.506, 76.941
Yxy	69.5011, 0.3357, 0.3476
Android (android.graphics.Color)	4293318598 (0xFFE6D7C6)
YUV	217.5470, -9.6367, 10.9213
Hunter-Lab	83.3673, -2.1662, 13.3365

Details

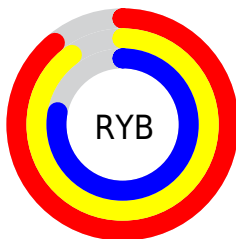
The XYZ color **67.1266, 69.5011, 63.3032** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **61.3656, 65.3061, 84.2345**, and the grayscale version is **66.3876, 69.8449, 76.0611**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **35.0604, 36.1539, 31.5161** is the 20% darker color. If you saturate the color by 10%, you get **62.0184, 63.2123, 49.4907**, and if you desaturate by 10%, it is **72.8223, 76.3188, 79.3007**.

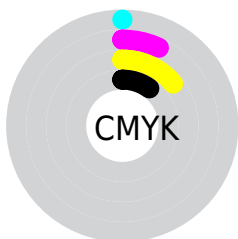
Distribution



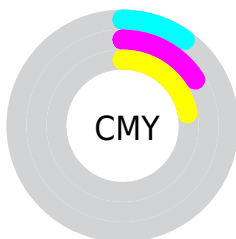
- Red (90%)
- Green (84%)
- Blue (78%)



- Red (89%)
- Yellow (90%)
- Blue (78%)



- Cyan (0%)
- Magenta (7%)
- Yellow (14%)
- Black (10%)



- Cyan (10%)
- Magenta (16%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 67.1266, 69.5011, 63.3032 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 67.1266, 69.5011, 63.3032 by changing the saturation by 10% instead.

67.1266, 69.5011,
63.3032

67.1266, 69.5011,
63.3032

439.8207,
458.7963, 454.8072

49.4586, 51.1199,
45.6440

114.1506,
118.4970, 111.1966

35.1994, 36.3040,
31.6183

144.2373,
149.8805, 142.2679

23.9838, 24.6691,
20.8077

179.1943,
186.3669, 178.6469

15.4463, 15.8307,
12.7937

219.3869,
228.3407, 220.7522

9.2215, 9.4044,
7.1576

265.1804,
276.1861, 269.0024

4.9442, 5.0059,
3.4809

316.9404,

2.2490, 2.2507,

330.2875, 323.8159

1.3451

375.0320,
391.0295, 385.6113

0.7684, 0.7474,
0.0983

0.0000, 0.0000,
0.0000

67.1266, 69.5011,
63.3032

67.1266, 69.5011,
63.3032

62.0184, 63.2123,
49.4907

72.8223, 76.3188,
79.3007

57.4705, 57.4292,
37.7623

79.1202, 83.6698,
97.5692

53.4617, 52.1397,
28.0156

84.0482, 90.7727,
107.6988

49.9672, 47.3282,
20.1377

86.4434, 95.5631,
108.4972

■ 46.9598, 42.9777,
14.0044

■ 44.4093, 39.0699,
9.4757

■ 42.2811, 35.5843,
6.3904

■ 40.5341, 32.4977,
4.5518

■ 39.6200, 30.7963,
3.8561

Harmonies

Analogous

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



69.3205, 69.5011, 66.2583



67.1266, 69.5011, 63.3032



64.6984, 69.5011, 63.5130

Triad

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



67.1266, 69.5011, 63.3032



61.6631, 69.5011, 79.6659



69.5533, 69.5011, 85.2439

Complementary

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



67.1266, 69.5011, 63.3032



61.3656, 65.3061, 84.2345

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.



67.4380, 69.5011, 89.2980



67.1266, 69.5011, 63.3032



62.9009, 69.5011, 85.9439

Square

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



67.1266, 69.5011, 63.3032



61.5844, 69.5011, 72.6734



65.0022, 69.5011, 89.5618



70.7446, 69.5011, 78.7578

Rectangle

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



67.1266, 69.5011, 63.3032



63.2736, 69.5011, 65.4165



65.0022, 69.5011, 89.5618



68.9243, 69.5011, 86.9532

Sweetspot

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



67.1285, 69.5042, 63.3047



91.9450, 96.3485, 99.9773



64.8976, 62.0399, 71.8171



19.5580, 20.4782, 21.0512



0.0000, 0.0000, 0.0000



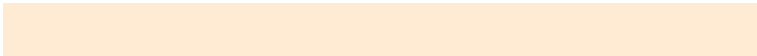
20.3446, 21.4041, 23.3091

Same Dimension

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



67.1285, 69.5042, 63.3047



82.6980, 85.2327, 74.1490



70.9527, 77.4064, 64.6284



15.0079, 15.6297, 15.1303



22.5540, 17.6822, 2.2243



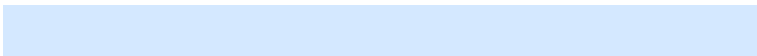
1.7595, 1.4923, 0.1953

Inverse Universe

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



61.3656, 65.3061, 84.2345



73.9471, 78.8582, 105.9315



57.9075, 58.1807, 83.0414



14.1369, 14.9951, 18.2936



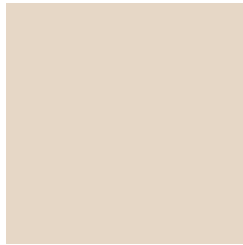
11.2292, 9.5204, 43.6290



0.9221, 0.8881, 3.2548

Previews

White Background



This preview shows how the XYZ color 67.1266, 69.5011, 63.3032 looks on a white background.

Color Contrast Check

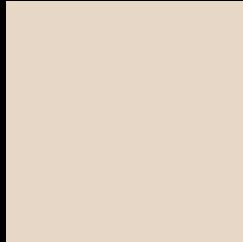
Large Text (above 18pt) WCAG AA × Fail

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 67.1266, 69.5011, 63.3032 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

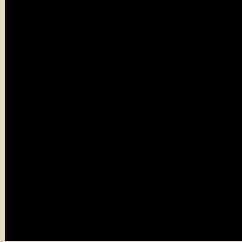
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

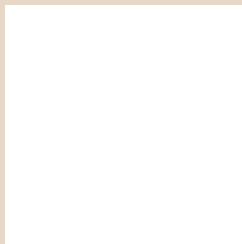
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 67.1266, 69.5011, 63.3032

Background



This preview shows how black text looks on a background with the XYZ color 67.1266, 69.5011, 63.3032.



This preview shows how white text looks on a background with the XYZ color 67.1266, 69.5011,

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

67.1266, 69.5011, 63.3032

Protanopia

65.9160, 69.2428, 63.9239

Deuteranopia

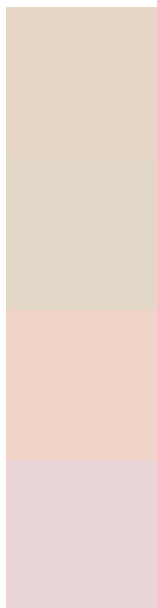
71.0116, 69.6292, 63.7299



Tritanopia

71.0911, 69.6270, 82.3655

Trichromacy



Original Color

67.1266, 69.5011, 63.3032

Protanomaly

66.5432, 69.5661, 63.9532

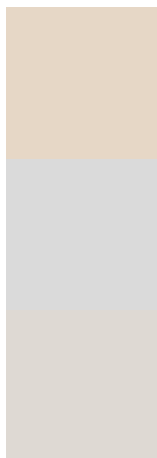
Deuteranomaly

69.7875, 69.7358, 63.8150

Tritanomaly

69.5424, 69.3685, 74.6899

Monochromacy



Original Color

67.1266, 69.5011, 63.3032

Achromatopsia

66.6397, 70.1102, 76.3500

Achromatomaly

66.6949, 69.8585, 71.5968

CSS Examples

Text

The CSS property to change the color of the text to XYZ 67.1266, 69.5011, 63.3032 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(230, 215, 198) looks like.

```
.text, #text, p{  
    color:rgb(230, 215, 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(230, 215, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 215, 198) }
```

Border

The CSS property to change the border of an element to XYZ 67.1266, 69.5011, 63.3032 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(230, 215, 198) }
```


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

```
.border{ border-color:rgb(230, 215, 198) }
```

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

Here you see how a box with a 4 pixel rgb(230, 215, 198) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 215, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 215, 198);  
box-shadow:4px 4px 4px 4px rgb(230, 215,  
198) }
```

Background

The CSS property to change the background color of an element to XYZ 67.1266, 69.5011, 63.3032 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 215, 198) }
```

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

```
.background{ background-color: rgb(230,  
215, 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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