

Converting Colors

XYZ(67.6476, 70.6992, 62.2811)

Have a look what the booklet for
XYZ(67.6476, 70.6992, 62.2811)
contains.

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Color

**XYZ(67.4098, 70.4342,
62.2668)**

Conversions

Conversions Part 1

Format	Color
Hex	E6D9C4
RGB	230, 217, 196
RGB Percent	90%, 85%, 77%
CMY	0.0980, 0.1490, 0.2314
CMYK	0.00, 0.06, 0.15, 0.10
HSL	37°, 40%, 84%
HSV	37°, 15%, 90%
XYZ	67.4098, 70.4342, 62.2668
YIQ	218.4930, 14.4890, -3.7750

Conversions

Conversions Part 2

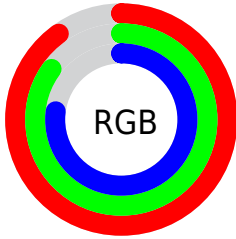
Format	Color
RYB	217, 230, 196
Decimal	15129028
CIELab	87.21, 1.03, 11.94
CIELCh	87, 11.983, 85.089
Yxy	70.4342, 0.3369, 0.3520
Android (android.graphics.Color)	4293319108 (0xFFE6D9C4)
YUV	218.4930, -11.0890, 10.0916
Hunter-Lab	83.9251, -3.4952, 14.7583

Details

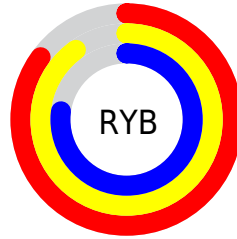
The XYZ color **67.4098, 70.4342, 62.2668** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **59.8482, 63.0486, 83.8789**, and the grayscale version is **67.0497, 70.5415, 76.8197**.

A 20% lighter version of the original color is **94.7296, 99.8718, 107.2129**, and **35.2584, 36.7923, 30.8345** is the 20% darker color. If you saturate the color by 10%, you get **62.7846, 65.0567, 48.7840**, and if you desaturate by 10%, it is **72.5610, 76.2200, 77.9066**.

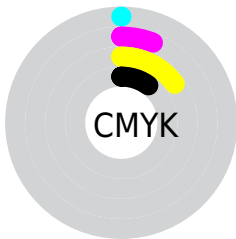
Distribution



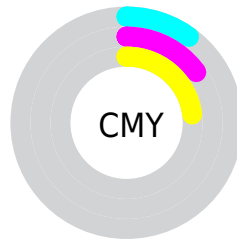
- Red (90%)
- Green (85%)
- Blue (77%)



- Red (85%)
- Yellow (90%)
- Blue (77%)



- Cyan (0%)
- Magenta (6%)
- Yellow (15%)
- Black (10%)



- Cyan (10%)
- Magenta (15%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 67.4098, 70.4342, 62.2668 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 67.4098, 70.4342, 62.2668 by changing the saturation by 10% instead.

67.4098, 70.4342,
62.2668

67.4098, 70.4342,
62.2668

440.8116,
462.0731, 450.9381

49.6897, 51.8806,
44.8111

114.5540,
119.8277, 109.6864

35.3837, 36.9099,
30.9668

144.7087,
151.4365, 140.4874

24.1265, 25.1377,
20.3153

179.7390,
188.1657, 176.5739

15.5527, 16.1797,
12.4381

220.0103,
230.3998, 218.3644

9.2970, 9.6514,
6.9166

265.8878,
278.5232, 266.2776

4.9941, 5.1684,
3.3324

317.7370,

2.2785, 2.3464,

332.9203, 320.7319

1.2667

375.9231,
393.9755, 382.1459

■ 0.7836, 0.7981,
0.0343

■ 0.0000, 0.0000,
0.0000

■ 67.4098, 70.4342,
62.2668

■ 67.4098, 70.4342,
62.2668

■ 62.7846, 65.0567,
48.7840

■ 72.5610, 76.2200,
77.9066

■ 58.6595, 60.0671,
37.3572

■ 78.2512, 82.4150,
95.7892

■ 55.0149, 55.4568,
27.8838

■ 82.8476, 88.3715,
107.2986

■ 51.8275, 51.2134,
20.2506

■ 85.5473, 93.7710,
108.1985

■ 49.0718, 47.3234,
14.3328

■ 86.4434, 95.5631,
108.4972

■ 46.7189, 43.7722,
9.9896

■ 44.7361, 40.5430,
7.0579

■ 43.0832, 37.6165,
5.3378

■ 42.3197, 36.1956,
4.7560

Harmonies

Analogous

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



70.0897, 70.4342, 64.6743



67.4098, 70.4342, 62.2668



64.6778, 70.4342, 63.4975

Triad

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



67.4098, 70.4342, 62.2668



62.1647, 70.4342, 83.4499



71.4806, 70.4342, 85.9040

Complementary

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



67.4098, 70.4342, 62.2668



59.8482, 63.0486, 83.8789

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.



69.2658, 70.4342, 91.5957



67.4098, 70.4342, 62.2668



63.8970, 70.4342, 90.1107

Square

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



67.4098, 70.4342, 62.2668



61.6989, 70.4342, 75.3721



66.4835, 70.4342, 93.1864



72.4816, 70.4342, 78.0249

Rectangle

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



67.4098, 70.4342, 62.2668



63.1869, 70.4342, 66.2641



66.4835, 70.4342, 93.1864



70.8504, 70.4342, 88.1577

Sweetspot

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



67.4117, 70.4373, 62.2683



92.2197, 96.8980, 100.0689



63.8866, 60.9089, 68.7335



19.6276, 20.6173, 21.0744



0.0000, 0.0000, 0.0000



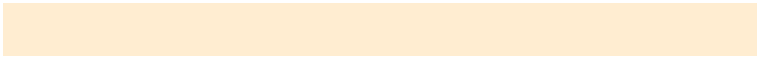
20.3446, 21.4041, 23.3091

Same Dimension

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



67.4117, 70.4373, 62.2683



83.1774, 86.7011, 72.7376



69.6359, 76.7540, 63.3703



15.1147, 15.8433, 15.1659



24.0805, 20.7351, 2.7331



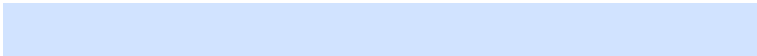
1.8686, 1.7104, 0.2317

Inverse Universe

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



59.8482, 63.0486, 83.8789



71.7446, 75.5336, 105.4058



57.8343, 57.4688, 82.9080



14.0321, 14.7857, 18.2587



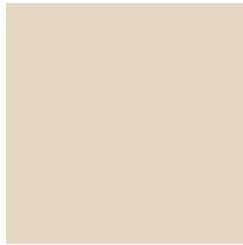
10.1671, 7.3962, 43.2749



0.8389, 0.7216, 3.2270

Previews

White Background



This preview shows how the XYZ color 67.4098, 70.4342, 62.2668 looks on a white background.

Color Contrast Check

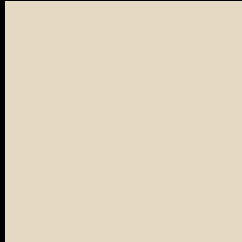
Large Text (above 18pt) WCAG AA × Fail

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 67.4098, 70.4342, 62.2668 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

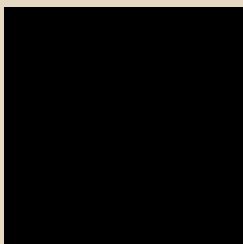
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

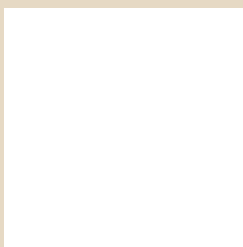
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 67.4098, 70.4342, 62.2668

Background



This preview shows how black text looks on a background with the XYZ color 67.4098, 70.4342, 62.2668.



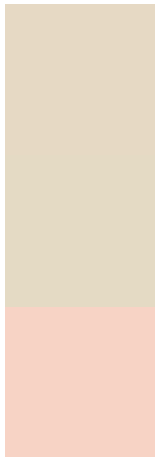
This preview shows how white text looks on a background with the XYZ color 67.4098, 70.4342,

62.2668.

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

67.4098, 70.4342, 62.2668

Protanopia

67.0301, 70.6223, 62.3232

Deuteranopia

71.7301, 70.3939, 62.6301



Tritanopia

71.6180, 70.2365, 83.9111

Trichromacy



Original Color

67.4098, 70.4342, 62.2668

Protanomaly

67.3483, 70.7863, 62.3380

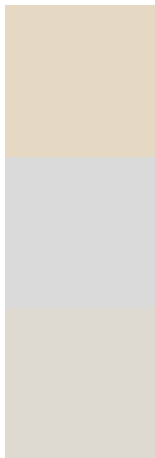
Deuteranomaly

70.1479, 70.3205, 62.6993

Tritanomaly

70.1752, 70.4265, 75.5407

Monochromacy



Original Color

67.4098, 70.4342, 62.2668

Achromatopsia

66.6397, 70.1102, 76.3500

Achromatomaly

66.8285, 70.3255, 71.0247

CSS Examples

Text

The CSS property to change the color of the text to XYZ 67.4098, 70.4342, 62.2668 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, 217, 196)` looks like.

```
.text, #text, p{  
    color:rgb(230, 217, 196)  
}
```

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, 217, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 217, 196) }
```

Border

The CSS property to change the border of an element to XYZ 67.4098, 70.4342, 62.2668 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, 217, 196) }
```


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

```
.border{ border-color:rgb(230, 217, 196) }
```

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

Here you see how a box with a 4 pixel rgb(230, 217, 196) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 217, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 217, 196);  
box-shadow:4px 4px 4px 4px rgb(230, 217,  
196) }
```

Background

The CSS property to change the background color of an element to XYZ 67.4098, 70.4342, 62.2668 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 217, 196) }
```

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

```
.background{ background-color: rgb(230,  
217, 196) }
```

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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