

Converting Colors

XYZ(66.9162, 69.7628, 63.4490)

Have a look what the booklet for
XYZ(66.9162, 69.7628, 63.4490)
contains.

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Color

**XYZ(67.0620, 69.8470,
63.3733)**

Conversions

Conversions Part 1

Format	Color
Hex	E5D8C6
RGB	229, 216, 198
RGB Percent	90%, 85%, 78%
CMY	0.1020, 0.1529, 0.2235
CMYK	0.00, 0.06, 0.14, 0.10
HSL	35°, 37%, 84%
HSV	35°, 14%, 90%
XYZ	67.0620, 69.8470, 63.3733
YIQ	217.8350, 13.5260, -2.8420

Conversions

Conversions Part 2

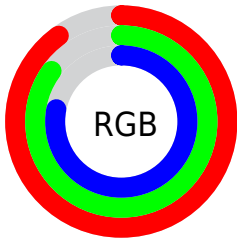
Format	Color
R _Y B	220, 229, 198
Decimal	15063238
CIE Lab	86.92, 1.50, 10.47
CIE LCh	87, 10.572, 81.858
Yxy	69.8470, 0.3348, 0.3487
Android (android.graphics.Color)	4293253318 (0xFFE5D8C6)
YUV	217.8350, -9.7787, 9.7917
Hunter-Lab	83.5745, -3.0231, 13.5434

Details

The XYZ color **67.0620, 69.8470, 63.3733** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **60.7255, 64.2500, 83.3302**, and the grayscale version is **66.5872, 70.0549, 76.2898**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **35.0125, 36.3876, 31.5637** is the 20% darker color. If you saturate the color by 10%, you get **62.2303, 64.0956, 49.7015**, and if you desaturate by 10%, it is **72.4406, 76.0518, 79.1994**.

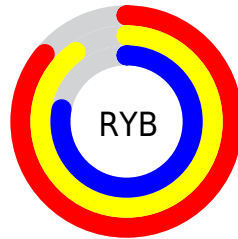
Distribution



Red (90%)

Green (85%)

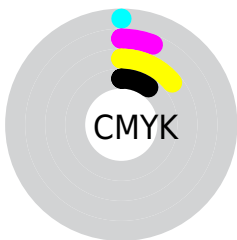
Blue (78%)



Red (86%)

Yellow (90%)

Blue (78%)

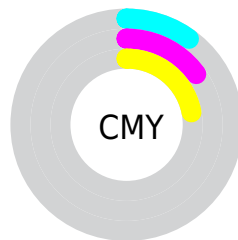


Cyan (0%)

Magenta (6%)

Yellow (14%)

Black (10%)



Cyan (10%)

Magenta (15%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 67.0620, 69.8470, 63.3733 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 67.0620, 69.8470, 63.3733 by changing the saturation by 10% instead.

67.0620, 69.8470,
63.3733

67.0620, 69.8470,
63.3733

439.5944,
460.0126, 455.0682

49.4059, 51.4018,
45.7003

114.0586,
118.9905, 111.2987

35.1574, 36.5285,
31.6625

144.1297,
150.4577, 142.3881

23.9513, 24.8426,
20.8411

179.0699,
187.0343, 178.7869

15.4220, 15.9598,
12.8178

219.2446,
229.1047, 220.9134

9.2043, 9.4957,
7.1740

265.0190,
277.0533, 269.1862

4.9329, 5.0659,
3.4910

316.7585,

2.2423, 2.2860,

331.2646, 324.0240

1.3505

374.8286,
392.1229, 385.8451

■ 0.7649, 0.7663,
0.1027

■ 0.0000, 0.0000,
0.0000

■ 67.0620, 69.8470,
63.3733

■ 67.0620, 69.8470,
63.3733

■ 62.2303, 64.0956,
49.7015

■ 72.4406, 76.0518,
79.1994

■ 57.9196, 58.7762,
38.0846

■ 78.3796, 82.7121,
97.2642

■ 54.1099, 53.8793,
28.4219

■ 82.9569, 89.0652,
107.4267

■ 50.7780, 49.3915,
20.6025

■ 85.9339, 95.0192,
108.4191

■ 47.8979, 45.2981,
14.5043

■ 86.1233, 95.3981,
108.4822

■ 45.4413, 41.5834,
9.9901

■ 43.3753, 38.2299,
6.9015

■ 41.6608, 35.2173,
5.0464

■ 40.7012, 33.4338,
4.3082

Harmonies

Analogous

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



69.3623, 69.8470, 65.8538



67.0620, 69.8470, 63.3733



64.6360, 69.8470, 64.1202

Triad

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



67.0620, 69.8470, 63.3733



62.0790, 69.8470, 81.2254



70.1908, 69.8470, 84.7597

Complementary

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



67.0620, 69.8470, 63.3733



60.7255, 64.2500, 83.3302

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.



68.1703, 69.8470, 89.3781



67.0620, 69.8470, 63.3733



63.4990, 69.8470, 87.2511

Square

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



67.0620, 69.8470, 63.3733



61.7989, 69.8470, 74.1424



65.7175, 69.8470, 90.3170



71.1977, 69.8470, 77.9931

Rectangle

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



67.0620, 69.8470, 63.3733



63.2704, 69.8470, 66.3698



65.7175, 69.8470, 90.3170



69.6053, 69.8470, 86.6318

Sweetspot

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



67.0639, 69.8501, 63.3748



92.1020, 96.6625, 100.0296



64.3202, 61.7720, 70.4472



19.5977, 20.5577, 21.0645



0.0000, 0.0000, 0.0000



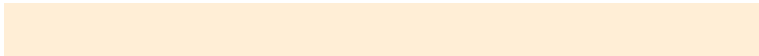
20.3446, 21.4041, 23.3091

Same Dimension

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



67.0639, 69.8501, 63.3748



83.9475, 87.2140, 76.1618



69.8705, 76.4365, 64.4982



15.0688, 15.7515, 15.1506



23.3924, 19.3589, 2.5037



1.8200, 1.6133, 0.2155

Inverse Universe

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



60.7255, 64.2500, 83.3302



74.5009, 78.8682, 105.9042



58.1750, 58.3348, 82.3229



14.0768, 14.8751, 18.2736



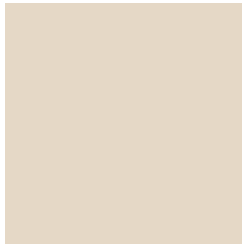
10.5906, 8.2434, 43.4161



0.8727, 0.7894, 3.2383

Previews

White Background



This preview shows how the XYZ color 67.0620, 69.8470, 63.3733 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 67.0620, 69.8470, 63.3733 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

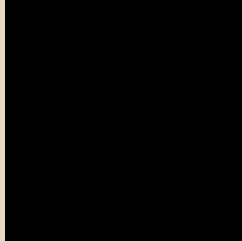
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 67.0620, 69.8470, 63.3733

Background



This preview shows how black text looks on a background with the XYZ color 67.0620, 69.8470, 63.3733.

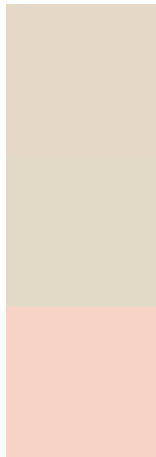


This preview shows how white text looks on a background with the XYZ color 67.0620, 69.8470,

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

67.0620, 69.8470, 63.3733

Protanopia

66.3699, 69.8717, 63.4146

Deuteranopia

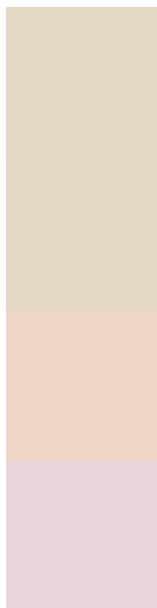
71.3614, 69.8095, 63.7463



Tritanopia

71.1513, 70.0120, 83.1624

Trichromacy



Original Color

67.0620, 69.8470, 63.3733

Protanomaly

66.6845, 70.0338, 63.4293

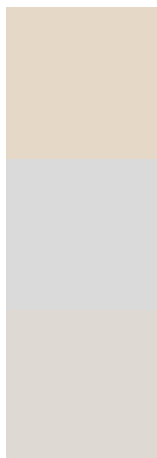
Deuteranomaly

69.7875, 69.7358, 63.8150

Tritanomaly

69.5973, 69.7541, 75.4413

Monochromacy



Original Color

67.0620, 69.8470, 63.3733

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 67.0620, 69.8470, 63.3733 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(229, 216, 198)` looks like.

```
.text, #text, p{  
    color:rgb(229, 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(229, 216, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 216, 198) }
```

Border

The CSS property to change the border of an element to XYZ 67.0620, 69.8470, 63.3733 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(229, 216, 198) }
```


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

```
.border{ border-color:rgb(229, 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(229, 216, 198) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 216, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 216, 198);  
box-shadow:4px 4px 4px 4px rgb(229, 216,  
198) }
```

Background

The CSS property to change the background color of an element to XYZ 67.0620, 69.8470, 63.3733 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 216, 198) }
```

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

```
.background{ background-color: rgb(229,  
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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