

Converting Colors

XYZ(66.5246, 68.1512, 61.4711)

Have a look what the booklet for
XYZ(66.5246, 68.1512, 61.4711)
contains.

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Color

**XYZ(66.3488, 68.0160,
61.2612)**

Conversions

Conversions Part 1

Format	Color
Hex	E7D4C3
RGB	231, 212, 195
RGB Percent	91%, 83%, 76%
CMY	0.0941, 0.1686, 0.2353
CMYK	0.00, 0.08, 0.16, 0.09
HSL	28°, 43%, 84%
HSV	28°, 16%, 91%
XYZ	66.3488, 68.0160, 61.2612
YIQ	215.7430, 16.7810, -1.2590

Conversions

Conversions Part 2

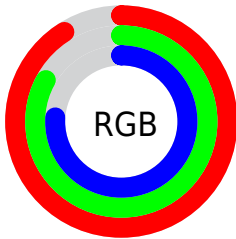
Format	Color
R _Y B	231, 227, 195
Decimal	15193283
CIE Lab	86.01, 3.82, 10.78
CIE LCh	86, 11.436, 70.461
Yxy	68.0160, 0.3392, 0.3477
Android (android.graphics.Color)	4293383363 (0xFFE7D4C3)
YUV	215.7430, -10.2263, 13.3804
Hunter-Lab	82.4718, -0.7219, 13.6888

Details

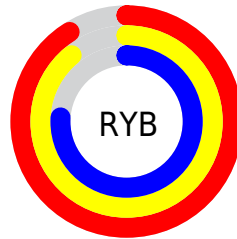
The XYZ color **66.3488, 68.0160, 61.2612** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **60.9758, 65.4634, 85.0238**, and the grayscale version is **65.1563, 68.5495, 74.6504**.

A 20% lighter version of the original color is **94.5707, 99.8083, 106.3760**, and **34.5439, 35.1510, 30.1635** is the 20% darker color. If you saturate the color by 10%, you get **61.0040, 61.1875, 47.5753**, and if you desaturate by 10%, it is **72.3314, 75.4723, 77.1548**.

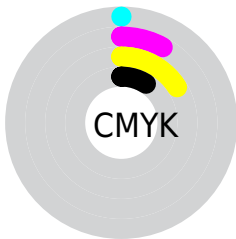
Distribution



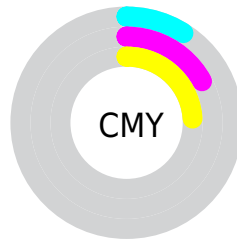
- Red (91%)
- Green (83%)
- Blue (76%)



- Red (91%)
- Yellow (89%)
- Blue (76%)



- Cyan (0%)
- Magenta (8%)
- Yellow (16%)
- Black (9%)



- Cyan (9%)
- Magenta (17%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 66.3488, 68.0160, 61.2612 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 66.3488, 68.0160, 61.2612 by changing the saturation by 10% instead.

66.3488, 68.0160,
61.2612

66.3488, 68.0160,
61.2612

437.0923,
453.5527, 447.1641

48.8244, 49.9108,
44.0041

113.0418,
116.3750, 108.2183

34.6941, 35.3425,
30.3365

142.9410,
147.3976, 138.7553

23.5928, 23.9268,
19.8399

177.6959,
183.4947, 174.5560

15.1549, 15.2793,
12.0958

217.6717,
225.0508, 216.0389

9.0152, 9.0157,
6.6856

263.2340,
272.4503, 263.6227

4.8083, 4.7514,
3.1908

314.7479,

2.1688, 2.1022,

326.0775, 317.7258

1.1929

372.5789,
386.3168, 378.7667

■ 0.7262, 0.6658,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 66.3488, 68.0160,
61.2612

■ 66.3488, 68.0160,
61.2612

■ 61.0040, 61.1875,
47.5753

■ 72.3314, 75.4723,
77.1548

■ 56.2680, 54.9603,
35.9935

■ 78.9686, 83.5639,
95.3445

■ 52.1174, 49.3188,
26.4104

■ 84.7489, 91.6963,
107.8402

■ 48.5251, 44.2436,
18.7096

■ 86.7653, 95.7291,
108.5123

■ 45.4613, 39.7138,
12.7626

■ 42.8930, 35.7068,
8.4244

■ 40.7825, 32.1976,
5.5263

■ 39.0844, 29.1579,
3.8610

■ 38.4358, 27.9502,
3.3691

Harmonies

Analogous

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



68.5613, 68.0160, 65.0735



66.3488, 68.0160, 61.2612



63.7356, 68.0160, 60.7413

Triad

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



66.3488, 68.0160, 61.2612



59.8128, 68.0160, 76.7119



67.9760, 68.0160, 85.6014

Complementary

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



66.3488, 68.0160, 61.2612



60.9758, 65.4634, 85.0238

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.



65.5674, 68.0160, 89.1910



66.3488, 68.0160, 61.2612



60.8849, 68.0160, 83.8333

Square

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



66.3488, 68.0160, 61.2612



60.0092, 68.0160, 69.3310



62.9749, 68.0160, 88.5229



69.5182, 68.0160, 78.9949

Rectangle

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



66.3488, 68.0160, 61.2612



62.1236, 68.0160, 62.2910



62.9749, 68.0160, 88.5229



67.2381, 68.0160, 87.2205

Sweetspot

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



66.3506, 68.0190, 61.2626



90.9558, 94.9883, 97.7421



64.6340, 60.8853, 72.0986



19.3487, 20.1841, 20.5977



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.



66.3506, 68.0190, 61.2626



80.5874, 82.0227, 70.3280



71.0472, 77.4121, 62.8282



14.9356, 15.4851, 15.1062



21.6697, 15.9136, 1.9295



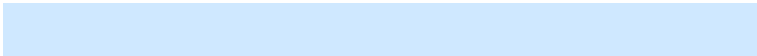
1.6937, 1.3608, 0.1734

Inverse Universe

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



60.9758, 65.4634, 85.0238



72.5455, 78.1986, 105.8780



56.7154, 56.9427, 83.6037



14.2092, 15.1397, 18.3177



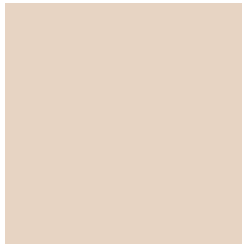
12.1055, 11.2731, 43.9211



0.9874, 1.0188, 3.2766

Previews

White Background



This preview shows how the XYZ color 66.3488, 68.0160, 61.2612 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 66.3488, 68.0160, 61.2612 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

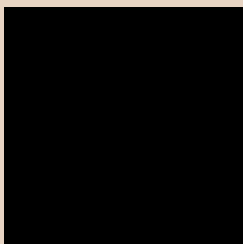
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

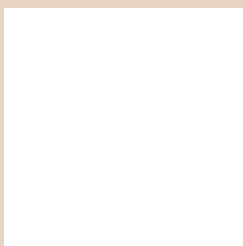
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 66.3488, 68.0160, 61.2612

Background



This preview shows how black text looks on a background with the XYZ color 66.3488, 68.0160, 61.2612.



This preview shows how white text looks on a background with the XYZ color 66.3488, 68.0160,

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

66.3488, 68.0160, 61.2612

Protanopia

64.4418, 67.7666, 61.9084

Deuteranopia

69.4818, 68.1520, 61.7171



Tritanopia

70.2714, 68.1557, 79.9727

Trichromacy



Original Color

66.3488, 68.0160, 61.2612

Protanomaly

65.1221, 67.7428, 61.8679

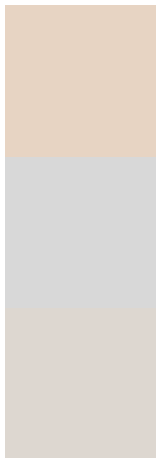
Deuteranomaly

68.3609, 67.9372, 61.7347

Tritanomaly

68.7424, 67.8974, 72.4332

Monochromacy



Original Color

66.3488, 68.0160, 61.2612

Achromatopsia

65.2694, 68.6685, 74.7800

Achromatomaly

65.5044, 68.5271, 69.4491

CSS Examples

Text

The CSS property to change the color of the text to XYZ 66.3488, 68.0160, 61.2612 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(231, 212, 195)` looks like.

```
.text, #text, p{  
    color:rgb(231, 212, 195)  
}
```

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(231, 212, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 212, 195) }
```

Border

The CSS property to change the border of an element to XYZ 66.3488, 68.0160, 61.2612 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(231, 212, 195) }
```


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

```
.border{ border-color:rgb(231, 212, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 212, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 212, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 212, 195);  
box-shadow:4px 4px 4px 4px rgb(231, 212,  
195) }
```

Background

The CSS property to change the background color of an element to XYZ 66.3488, 68.0160, 61.2612 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 212, 195) }
```

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

```
.background{ background-color: rgb(231,  
212, 195) }
```

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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