

Converting Colors

XYZ(67.0871, 68.3430, 66.4038)

Have a look what the booklet for
XYZ(67.0871, 68.3430, 66.4038)
contains.

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Color

**XYZ(66.9561, 68.2218,
66.1391)**

Conversions

Conversions Part 1

Format	Color
Hex	E6D4CB
RGB	230, 212, 203
RGB Percent	90%, 83%, 80%
CMY	0.0980, 0.1686, 0.2039
CMYK	0.00, 0.08, 0.12, 0.10
HSL	20°, 35%, 85%
HSV	20°, 12%, 90%
XYZ	66.9561, 68.2218, 66.1391
YIQ	216.3560, 13.6170, 1.0170

Conversions

Conversions Part 2

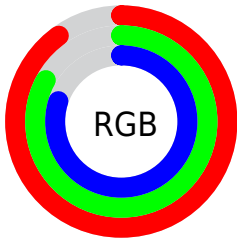
Format	Color
R _Y B	230, 217, 203
Decimal	15127755
CIE Lab	86.12, 4.73, 6.68
CIE LCh	86, 8.189, 54.710
Yxy	68.2218, 0.3326, 0.3389
Android (android.graphics.Color)	4293317835 (0xFFE6D4CB)
YUV	216.3560, -6.5845, 11.9658
Hunter-Lab	82.5965, 0.1556, 10.3411

Details

The XYZ color **66.9561, 68.2218, 66.1391** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **64.7677, 70.1211, 84.9846**, and the grayscale version is **65.5516, 68.9654, 75.1033**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **34.9373, 35.2825, 33.4026** is the 20% darker color. If you saturate the color by 10%, you get **60.7645, 59.9040, 51.5408**, and if you desaturate by 10%, it is **73.9220, 77.4360, 83.0033**.

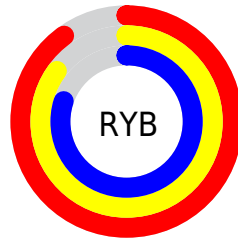
Distribution



Red (90%)

Green (83%)

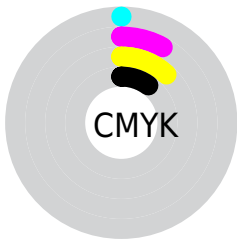
Blue (80%)



Red (90%)

Yellow (85%)

Blue (80%)

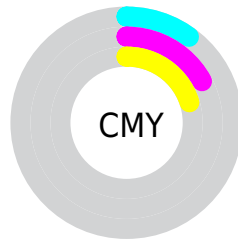


Cyan (0%)

Magenta (8%)

Yellow (12%)

Black (10%)



Cyan (10%)

Magenta (17%)

Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 66.9561, 68.2218, 66.1391 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 66.9561, 68.2218, 66.1391 by changing the saturation by 10% instead.

66.9561, 68.2218,
66.1391

66.9561, 68.2218,
66.1391

439.2234,
454.2815, 465.2920

49.3195, 50.0782,
47.9281

113.9076,
116.6694, 115.3149

35.0886, 35.4755,
33.4104

143.9533,
147.7422, 147.1167

23.8980, 24.0294,
22.1673

178.8661,
183.8935, 184.2860

15.3823, 15.3554,
13.7804

219.0113,
225.5077, 227.2412

9.1762, 9.0692,
7.8311

264.7542,
272.9692, 276.4008

4.9143, 4.7864,
3.9008

316.4603,

2.2313, 2.1225,

326.6624, 332.1835

1.5711

374.4950,
386.9717, 395.0077

■ 0.7592, 0.6772,
0.2701

■ 0.0000, 0.0000,
0.0000

■ 66.9561, 68.2218,
66.1391

■ 66.9561, 68.2218,
66.1391

■ 60.7645, 59.9040,
51.5408

■ 73.9220, 77.4360,
83.0033

■ 55.3137, 52.4463,
39.1067

■ 81.6830, 87.5637,
102.2203

■ 50.5758, 45.8229,
28.7338

■ 86.4434, 95.5631,
108.4972

■ 46.5190, 40.0034,
20.3089

■ 43.1088, 34.9555,
13.7078

■ 40.3073, 30.6444,
8.7917

■ 38.0722, 27.0320,
5.4017

■ 36.3540, 24.0763,
3.3473

■ 35.2666, 22.0896,
2.4050

Harmonies

Analogous

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



68.1863, 68.2218, 70.0330



66.9561, 68.2218, 66.1391



65.1770, 68.2218, 64.4321

Triad

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



66.9561, 68.2218, 66.1391



61.3055, 68.2218, 73.3304



66.3674, 68.2218, 84.1009

Complementary

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



66.9561, 68.2218, 66.1391



64.7677, 70.1211, 84.9846

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.



64.5097, 68.2218, 85.0877



66.9561, 68.2218, 66.1391



61.6104, 68.2218, 78.6993

Square

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



66.9561, 68.2218, 66.1391



61.9334, 68.2218, 68.4536



62.7744, 68.2218, 83.0671



67.8418, 68.2218, 80.4321

Rectangle

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



66.9561, 68.2218, 66.1391



63.9282, 68.2218, 64.7013



62.7744, 68.2218, 83.0671



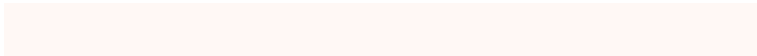
65.7661, 68.2218, 84.7646

Sweetspot

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



66.9580, 68.2248, 66.1406



91.3203, 95.0992, 99.7691



67.0410, 64.7563, 77.3731



19.4001, 20.1623, 20.9986



0.0000, 0.0000, 0.0000



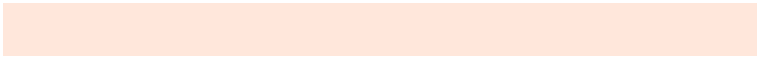
20.3446, 21.4041, 23.3091

Same Dimension

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



66.9580, 68.2248, 66.1406



82.6993, 83.6574, 79.0139



70.4739, 75.2567, 67.3125



14.7677, 15.1494, 15.0502



20.0663, 12.7068, 1.3950



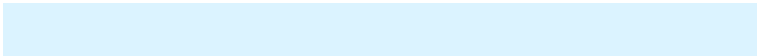
1.5658, 1.1050, 0.1308

Inverse Universe

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



64.7677, 70.1211, 84.9846



79.4326, 86.4843, 107.1143



61.3466, 63.2790, 83.8443



14.3813, 15.4840, 18.3751



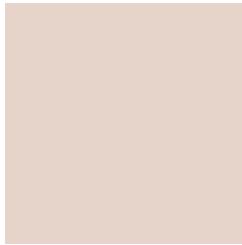
14.6796, 16.4213, 44.7791



1.1693, 1.3826, 3.3372

Previews

White Background



This preview shows how the XYZ color 66.9561, 68.2218, 66.1391 looks on a white background.

Color Contrast Check

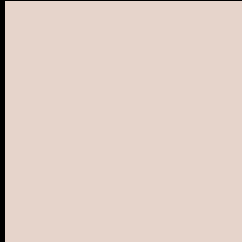
Large Text (above 18pt) WCAG AA × Fail

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 66.9561, 68.2218, 66.1391 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

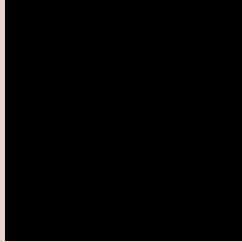
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 66.9561, 68.2218, 66.1391

Background



This preview shows how black text looks on a background with the XYZ color 66.9561, 68.2218, 66.1391.

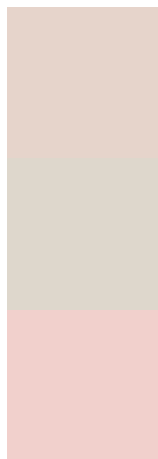


This preview shows how white text looks on a background with the XYZ color 66.9561, 68.2218,

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

66.9561, 68.2218, 66.1391

Protanopia

65.3237, 68.4901, 66.9037

Deuteranopia

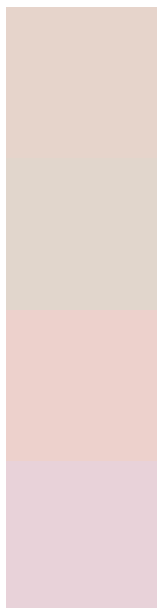
69.7306, 68.1722, 66.6101



Tritanopia

69.9953, 68.3608, 80.7400

Trichromacy



Original Color

66.9561, 68.2218, 66.1391

Protanomaly

65.9970, 68.4603, 66.8625

Deuteranomaly

68.6246, 67.9651, 66.6284

Tritanomaly

68.8497, 68.2587, 75.1921

Monochromacy



Original Color

66.9561, 68.2218, 66.1391

Achromatopsia

65.2694, 68.6685, 74.7800

Achromatomaly

65.8771, 68.6762, 71.4117

CSS Examples

Text

The CSS property to change the color of the text to XYZ 66.9561, 68.2218, 66.1391 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, 212, 203) looks like.

```
.text, #text, p{  
    color:rgb(230, 212, 203)  
}
```

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, 212, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 212, 203) }
```

Border

The CSS property to change the border of an element to XYZ 66.9561, 68.2218, 66.1391 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, 212, 203) }
```


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

```
.border{ border-color:rgb(230, 212, 203) }
```

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

Here you see how a box with a 4 pixel rgb(230, 212, 203) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 212, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 212, 203);  
box-shadow:4px 4px 4px 4px rgb(230, 212,  
203) }
```

Background

The CSS property to change the background color of an element to XYZ 66.9561, 68.2218, 66.1391 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 212, 203) }
```

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

```
.background{ background-color: rgb(230,  
212, 203) }
```

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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