

Converting Colors

XYZ(66.3521, 66.7289, 65.2419)

Have a look what the booklet for
XYZ(66.3521, 66.7289, 65.2419)
contains.

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Color

**XYZ(66.4161, 66.8541,
65.2807)**

Conversions

Conversions Part 1

Format	Color
Hex	E7D1CA
RGB	231, 209, 202
RGB Percent	91%, 82%, 79%
CMY	0.0941, 0.1804, 0.2078
CMYK	0.00, 0.10, 0.13, 0.09
HSL	14°, 38%, 85%
HSV	14°, 13%, 91%
XYZ	66.4161, 66.8541, 65.2807
YIQ	214.7800, 15.3590, 2.4870

Conversions

Conversions Part 2

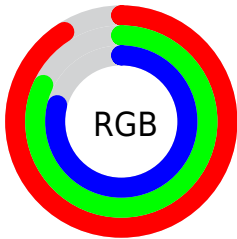
Format	Color
R _Y B	231, 211, 202
Decimal	15192522
CIE Lab	85.43, 6.49, 6.24
CIE LCh	85, 9.002, 43.841
Yxy	66.8541, 0.3345, 0.3367
Android (android.graphics.Color)	4293382602 (0xFFE7D1CA)
YUV	214.7800, -6.3005, 14.2249
Hunter-Lab	81.7644, 1.9056, 9.8979

Details

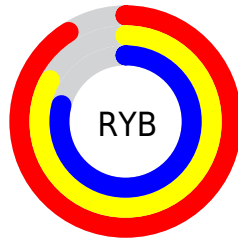
The XYZ color **66.4161, 66.8541, 65.2807** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **65.4362, 71.6359, 85.9802**, and the grayscale version is **64.4780, 67.8359, 73.8733**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **34.7458, 34.6948, 32.8824** is the 20% darker color. If you saturate the color by 10%, you get **59.8187, 57.7131, 50.5825**, and if you desaturate by 10%, it is **73.8995, 77.1103, 82.2957**.

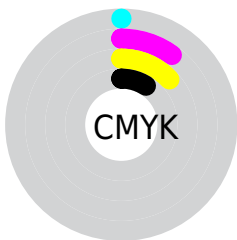
Distribution



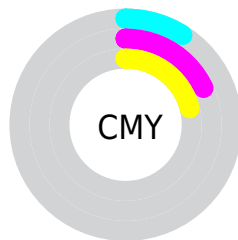
- Red (91%)
- Green (82%)
- Blue (79%)



- Red (91%)
- Yellow (83%)
- Blue (79%)



- Cyan (0%)
- Magenta (10%)
- Yellow (13%)
- Black (9%)



- Cyan (9%)
- Magenta (18%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 66.4161, 66.8541, 65.2807 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 66.4161, 66.8541, 65.2807 by changing the saturation by 10% instead.

66.4161, 66.8541,
65.2807

66.4161, 66.8541,
65.2807

437.3287,
449.4253, 462.1338

48.8792, 48.9661,
47.2359

113.1378,
114.7113, 114.0705

34.7378, 34.5926,
32.8665

143.0533,
145.4493, 145.6525

23.6265, 23.3492,
21.7539

177.8256,
181.2394, 182.5841

15.1801, 14.8516,
13.4796

217.8203,
222.4660, 225.2838

9.0330, 8.7153,
7.6250

263.4026,
269.5135, 274.1700

4.8200, 4.5559,
3.7717

314.9379,

2.1757, 1.9892,

322.7663, 329.6614

1.5009

372.7915,
382.6087, 392.1765

■ 0.7299, 0.6012,
0.2186

■ 0.0000, 0.0000,
0.0000

■ 66.4161, 66.8541,
65.2807

■ 66.4161, 66.8541,
65.2807

■ 59.8187, 57.7131,
50.5825

■ 73.8995, 77.1103,
82.2957

■ 54.0683, 49.6408,
38.0963

■ 82.2947, 88.5087,
101.7175

■ 49.1313, 42.6002,
27.7154

■ 86.7653, 95.7291,
108.5123

■ 44.9694, 36.5489,
19.3227

■ 41.5415, 31.4416,
12.7897

■ 38.8020, 27.2291,
7.9722

■ 36.7000, 23.8575,
4.7051

■ 35.1763, 21.2666,
2.7895

■ 34.3594, 19.7974,
2.0103

Harmonies

Analogous

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



67.4307, 66.8541, 70.1365



66.4161, 66.8541, 65.2807



64.6414, 66.8541, 62.5207

Triad

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



66.4161, 66.8541, 65.2807



59.8468, 66.8541, 69.7089



64.4865, 66.8541, 84.2622

Complementary

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



66.4161, 66.8541, 65.2807



65.4362, 71.6359, 85.9802

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.



62.4567, 66.8541, 84.1325



66.4161, 66.8541, 65.2807



59.8074, 66.8541, 75.5153

Square

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



66.4161, 66.8541, 65.2807



60.8626, 66.8541, 64.9822



60.7536, 66.8541, 80.8601



66.3006, 66.8541, 81.2054

Rectangle

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



66.4161, 66.8541, 65.2807



63.2802, 66.8541, 62.1430



60.7536, 66.8541, 80.8601



63.8061, 66.8541, 84.5946

Sweetspot

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



66.4179, 66.8571, 65.2821



91.0323, 94.5232, 99.6731



67.5625, 64.6254, 79.6008



19.3274, 20.0169, 20.9744



0.0000, 0.0000, 0.0000



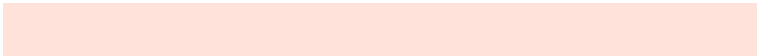
20.3446, 21.4041, 23.3091

Same Dimension

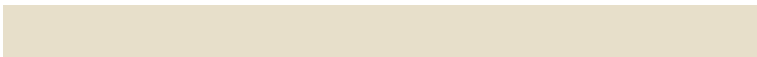
The Same Dimension uses a secret algorithm to generate beautiful new colors.



66.4179, 66.8571, 65.2821



80.9251, 80.6431, 76.7758



70.0754, 74.1719, 66.5013



14.6582, 14.9304, 15.0137



19.3430, 11.2602, 1.1539



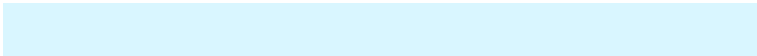
1.5006, 0.9745, 0.1090

Inverse Universe

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



65.4362, 71.6359, 85.9802



79.4743, 87.7000, 107.3468



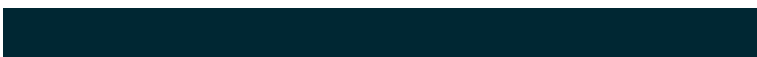
61.7626, 64.2886, 84.7556



14.4971, 15.7155, 18.4137



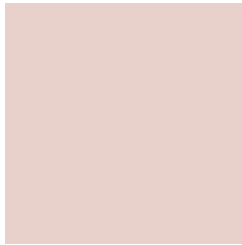
16.8043, 20.6708, 45.4873



1.3127, 1.6693, 3.3850

Previews

White Background



This preview shows how the XYZ color 66.4161, 66.8541, 65.2807 looks on a white background.

Color Contrast Check

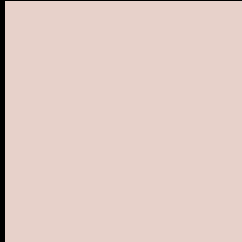
Large Text (above 18pt) WCAG AA × Fail

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 66.4161, 66.8541, 65.2807 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

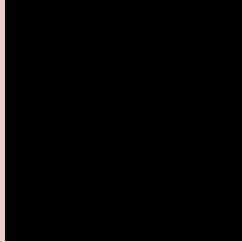
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 66.4161, 66.8541, 65.2807

Background



This preview shows how black text looks on a background with the XYZ color 66.4161, 66.8541, 65.2807.

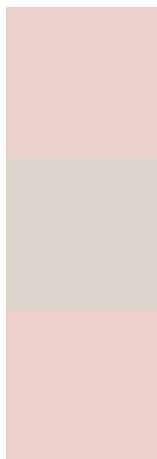


This preview shows how white text looks on a background with the XYZ color 66.4161, 66.8541,

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

66.4161, 66.8541, 65.2807

Protanopia

64.2085, 67.1638, 66.7065

Deuteranopia

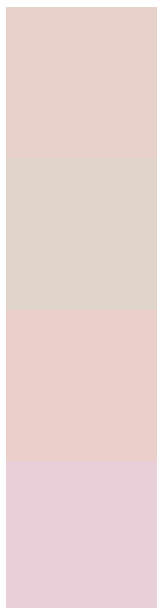
68.1107, 66.6316, 65.7713



Tritanopia

69.1878, 66.9090, 78.3754

Trichromacy



Original Color

66.4161, 66.8541, 65.2807

Protanomaly

65.0634, 67.2461, 66.0505

Deuteranomaly

67.3533, 66.5996, 65.8050

Tritanomaly

68.1828, 66.8556, 73.6008

Monochromacy



Original Color

66.4161, 66.8541, 65.2807

Achromatopsia

64.5905, 67.9542, 74.0022

Achromatomaly

65.2459, 67.6138, 70.5847

CSS Examples

Text

The CSS property to change the color of the text to XYZ 66.4161, 66.8541, 65.2807 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, 209, 202) looks like.

```
.text, #text, p{  
    color:rgb(231, 209, 202)  
}
```

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, 209, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 209, 202) }
```

Border

The CSS property to change the border of an element to XYZ 66.4161, 66.8541, 65.2807 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, 209, 202) }
```


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

```
.border{ border-color:rgb(231, 209, 202) }
```

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

Here you see how a box with a 4 pixel rgb(231, 209, 202) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 209, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 209, 202);  
box-shadow:4px 4px 4px 4px rgb(231, 209,  
202) }
```

Background

The CSS property to change the background color of an element to XYZ 66.4161, 66.8541, 65.2807 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 209, 202) }
```

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

```
.background{ background-color: rgb(231,  
209, 202) }
```

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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