

Converting Colors

XYZ(65.3319, 68.0581, 55.1650)

Have a look what the booklet for
XYZ(65.3319, 68.0581, 55.1650)
contains.

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Color

**XYZ(65.4010, 68.0381,
55.0331)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | E7D5B8 |
| RGB | 231, 213, 184 |
| RGB Percent | 91%, 84%, 72% |
| CMY | 0.0941, 0.1647, 0.2784 |
| CMYK | 0.00, 0.08, 0.20, 0.09 |
| HSL | 37°, 49%, 81% |
| HSV | 37°, 20%, 91% |
| XYZ | 65.4010, 68.0381, 55.0331 |
| YIQ | 215.0760, 20.0370, -5.2030 |

Conversions

Conversions Part 2

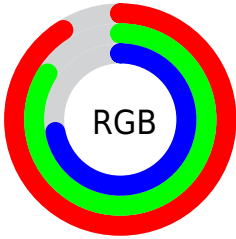
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 213, 231, 184 |
| Decimal | 15193528 |
| CIELab | 86.03, 1.65, 16.59 |
| CIElCh | 86, 16.675, 84.304 |
| Yxy | 68.0381, 0.3470, 0.3610 |
| Android (android.graphics.Color) | 4293383608 (0xFFE7D5B8) |
| YUV | 215.0760, -15.3205, 13.9653 |
| Hunter-Lab | 82.4852, -2.8198, 18.1821 |

Details

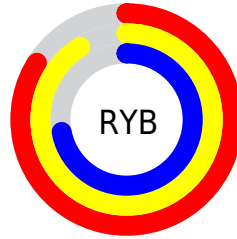
The XYZ color **65.4010, 68.0381, 55.0331** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **55.3113, 58.1997, 83.9203**, and the grayscale version is **64.7353, 68.1066, 74.1680**.

A 20% lighter version of the original color is **92.7282, 99.0713, 96.6734**, and **34.0028, 35.2064, 26.4761** is the 20% darker color. If you saturate the color by 10%, you get **61.0107, 62.8211, 42.5829**, and if you desaturate by 10%, it is **70.3117, 73.6621, 69.6092**.

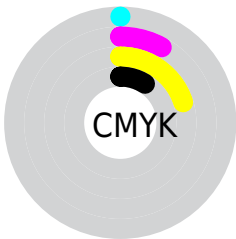
Distribution



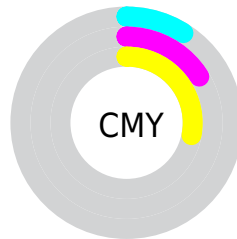
- Red (91%)
- Green (84%)
- Blue (72%)



- Red (84%)
- Yellow (91%)
- Blue (72%)



- Cyan (0%)
- Magenta (8%)
- Yellow (20%)
- Black (9%)





- Cyan (9%)
- Magenta (16%)
- Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 65.4010, 68.0381, 55.0331 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 65.4010, 68.0381, 55.0331 by changing the saturation by 10% instead.

 65.4010, 68.0381,
55.0331

 65.4010, 68.0381,
55.0331


433.7541,
453.6310, 423.3229

 48.0522, 49.9287,
39.0294

 111.6887,
116.4066, 99.0611

 34.0797, 35.3568,
26.4746


141.3583,
147.4346, 127.9225

 23.1180, 23.9378,
16.9501


175.8655,
183.5376, 161.9069

 14.8018, 15.2875,
10.0373

215.5758,
225.0999, 201.4329

 8.7658, 9.0214,
5.3178

260.8544,
272.5060, 246.9189

 4.6446, 4.7552,
2.3729

312.0668,

 2.0729, 2.1043,

326.1403, 298.7835

0.7716

369.5782,
386.3872, 357.4454

■ 0.6744, 0.6671,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 65.4010, 68.0381,
55.0331

■ 65.4010, 68.0381,
55.0331

■ 61.0107, 62.8211,
42.5829

■ 70.3117, 73.6621,
69.6092

■ 57.1144, 57.9905,
32.1526

■ 75.7571, 79.6947,
86.4015

■ 53.6911, 53.5370,
23.6336

■ 81.7577, 86.1495,
105.5004

■ 50.7159, 49.4475,
16.9054

■ 84.6908, 91.5802,
107.8208

■ 48.1616, 45.7077,
11.8335

■ 86.7652, 95.7290,
108.5123

■ 45.9967, 42.3018,
8.2641

■ 44.1846, 39.2115,
6.0142

■ 42.7110, 36.5005,
4.7942

Harmonies

Analogous

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



69.0561, 68.0381, 58.2553



65.4010, 68.0381, 55.0331



61.6874, 68.0381, 56.4921

Triad

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



65.4010, 68.0381, 55.0331



58.1928, 68.0381, 83.0960



70.8284, 68.0381, 87.0672

Complementary

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



65.4010, 68.0381, 55.0331



55.3113, 58.1997, 83.9203

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.



67.7434, 68.0381, 94.9895



65.4010, 68.0381, 55.0331



60.4701, 68.0381, 92.5430

Square

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



65.4010, 68.0381, 55.0331



57.6208, 68.0381, 72.0107



63.9408, 68.0381, 97.0858



72.2679, 68.0381, 76.1925

Rectangle

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



65.4010, 68.0381, 55.0331



59.6648, 68.0381, 60.0044



63.9408, 68.0381, 97.0858



69.9437, 68.0381, 90.2051

Sweetspot

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



65.4028, 68.0412, 55.0345



90.8432, 95.3726, 95.8254



60.7589, 55.5359, 63.4055



19.3494, 20.3083, 20.2193



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.



65.4028, 68.0412, 55.0345



79.6902, 82.6162, 62.6676



68.4409, 76.7038, 56.5465



15.1139, 15.8416, 15.1656



24.0678, 20.7097, 2.7289



1.8677, 1.7087, 0.2314

Inverse Universe

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



55.3113, 58.1997, 83.9203



65.1196, 68.4085, 104.3797



52.6715, 50.9322, 82.6566



14.0329, 14.7873, 18.2589



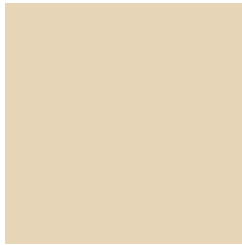
10.1742, 7.4105, 43.2773



0.8394, 0.7228, 3.2272

Previews

White Background



This preview shows how the XYZ color 65.4010, 68.0381, 55.0331 looks on a white background.

Color Contrast Check

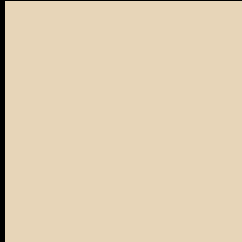
Large Text (above 18pt) WCAG AA × Fail

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 65.4010, 68.0381, 55.0331 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

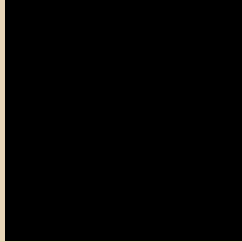
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 65.4010, 68.0381, 55.0331

Background



This preview shows how black text looks on a background with the XYZ color 65.4010, 68.0381, 55.0331.



This preview shows how white text looks on a background with the XYZ color 65.4010, 68.0381,

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

65.4010, 68.0381, 55.0331

Protanopia

64.4214, 68.2724, 55.6815

Deuteranopia

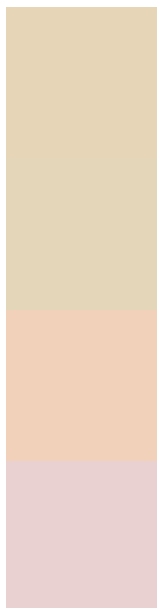
69.4276, 67.9026, 55.3462



Tritanopia

70.3594, 67.8403, 79.9072

Trichromacy



Original Color

65.4010, 68.0381, 55.0331

Protanomaly

64.7984, 68.0899, 55.6264

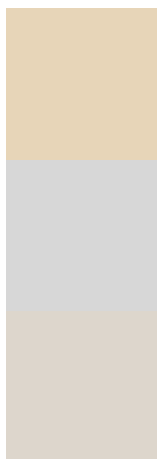
Deuteranomaly

67.8330, 67.8045, 55.4113

Tritanomaly

68.2408, 67.6968, 69.7917

Monochromacy



Original Color

65.4010, 68.0381, 55.0331

Achromatopsia

64.5905, 67.9542, 74.0022

Achromatomaly

64.7644, 67.8249, 66.8048

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.4010, 68.0381, 55.0331 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, 213, 184)` looks like.

```
.text, #text, p{  
    color:rgb(231, 213, 184)  
}
```

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, 213, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 213, 184) }
```

Border

The CSS property to change the border of an element to XYZ 65.4010, 68.0381, 55.0331 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, 213, 184) }
```


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

```
.border{ border-color:rgb(231, 213, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 213, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 213, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 213, 184);  
box-shadow:4px 4px 4px 4px rgb(231, 213,  
184) }
```

Background

The CSS property to change the background color of an element to XYZ 65.4010, 68.0381, 55.0331 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 213, 184) }
```

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

```
.background{ background-color: rgb(231,  
213, 184) }
```

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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