

Converting Colors

XYZ(65.2974, 64.9223, 56.5414)

Have a look what the booklet for
XYZ(65.2974, 64.9223, 56.5414)
contains.

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Color

**XYZ(65.5005, 65.1264,
56.6953)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | ECCDBC |
| RGB | 236, 205, 188 |
| RGB Percent | 93%, 80%, 74% |
| CMY | 0.0745, 0.1961, 0.2627 |
| CMYK | 0.00, 0.13, 0.20, 0.07 |
| HSL | 21°, 56%, 83% |
| HSV | 21°, 20%, 93% |
| XYZ | 65.5005, 65.1264, 56.6953 |
| YIQ | 212.3310, 23.9330, 1.2850 |

Conversions

Conversions Part 2

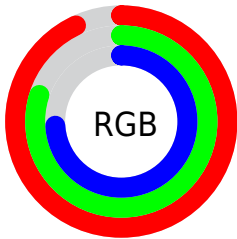
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 236, 214, 188 |
| Decimal | 15519164 |
| CIE Lab | 84.55, 8.24, 12.46 |
| CIE LCh | 85, 14.939, 56.509 |
| Yxy | 65.1264, 0.3497, 0.3477 |
| Android (android.graphics.Color) | 4293709244 (0xFFECCDBC) |
| YUV | 212.3310, -11.9952, 20.7577 |
| Hunter-Lab | 80.7009, 3.6520, 14.8373 |

Details

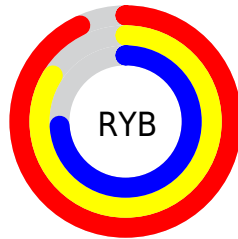
The XYZ color **65.5005, 65.1264, 56.6953** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **61.2103, 67.4087, 89.1424**, and the grayscale version is **62.8672, 66.1412, 72.0277**.

A 20% lighter version of the original color is **93.3291, 99.3117, 99.8380**, and **34.2622, 33.5858, 27.5986** is the 20% darker color. If you saturate the color by 10%, you get **59.6923, 57.2537, 43.2173**, and if you desaturate by 10%, it is **72.0833, 73.8816, 72.4855**.

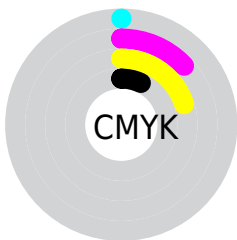
Distribution



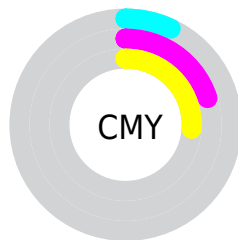
- Red (93%)
- Green (80%)
- Blue (74%)



- Red (93%)
- Yellow (84%)
- Blue (74%)



- Cyan (0%)
- Magenta (13%)
- Yellow (20%)
- Black (7%)




- Cyan (7%)
- Magenta (20%)
- Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 65.5005, 65.1264, 56.6953 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 65.5005, 65.1264, 56.6953 by changing the saturation by 10% instead.


 65.5005, 65.1264,
56.6953

 65.5005, 65.1264,
56.6953


434.1052,
443.2461, 429.7683

 48.1332, 47.5636,
40.3529


 111.8308,
112.2316, 101.5164

 34.1441, 33.4814,
27.4979


141.5246,
142.5427, 130.8321

 23.1677, 22.4955,
17.7118


176.0579,
177.8721, 165.3095

 14.8388, 14.2214,
10.5760

215.7962,
218.6040, 205.3669

 8.7919, 8.2748,
5.6719

261.1046,
265.1230, 251.4229

 4.6617, 4.2713,
2.5811

312.3487,

 2.0829, 1.8265,

317.8134, 303.8962

0.8827

369.8938,
377.0596, 363.2051

■ 0.6799, 0.5036,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 65.5005, 65.1264,
56.6953

■ 65.5005, 65.1264,
56.6953

■ 59.6923, 57.2537,
43.2173

■ 72.0833, 73.8816,
72.4855

■ 54.6233, 50.2264,
31.9376

■ 79.4641, 83.5373,
90.6862

■ 50.2627, 44.0175,
22.7388

■ 87.0533, 93.8750,
108.1392

■ 46.5754, 38.5952,
15.4909

■ 88.4023, 96.5730,
108.5889

■ 43.5229, 33.9255,
10.0489

■ 41.0622, 29.9712,
6.2472

■ 39.1436, 26.6914,
3.8891

■ 37.7322, 24.1128,
2.6655

Harmonies

Analogous

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



67.8074, 65.1264, 63.0398



65.5005, 65.1264, 56.6953



62.2913, 65.1264, 54.1420

Triad

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



65.5005, 65.1264, 56.6953



55.7287, 65.1264, 69.8011



64.8019, 65.1264, 88.6142

Complementary

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



65.5005, 65.1264, 56.6953



61.2103, 67.4087, 89.1424

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.



61.5117, 65.1264, 90.8290



65.5005, 65.1264, 56.6953



56.3474, 65.1264, 79.4128

Square

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



65.5005, 65.1264, 56.6953



56.7143, 65.1264, 61.2690



58.4352, 65.1264, 87.3254



67.3940, 65.1264, 81.5162

Rectangle

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



65.5005, 65.1264, 56.6953



60.0995, 65.1264, 54.7471



58.4352, 65.1264, 87.3254



63.7375, 65.1264, 89.9805

Sweetspot

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



65.5023, 65.1293, 56.6967



89.6124, 92.9111, 95.4152



65.3884, 58.9251, 75.0839



19.0586, 19.7268, 20.1224



0.0000, 0.0000, 0.0000



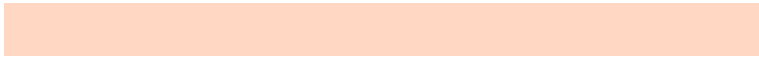
20.3446, 21.4041, 23.3091

Same Dimension

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



65.5023, 65.1293, 56.6967



75.3783, 73.9923, 61.2303



71.6337, 77.3922, 58.7405



15.5021, 15.9271, 15.7759



20.9091, 13.5124, 1.5061



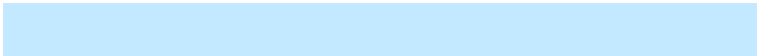
1.7297, 1.2366, 0.1475

Inverse Universe

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



61.2103, 67.4087, 89.1424



69.4761, 77.1214, 105.8319



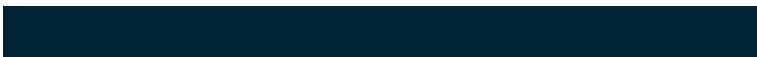
55.4401, 55.8682, 87.2189



15.0427, 16.1718, 19.2509



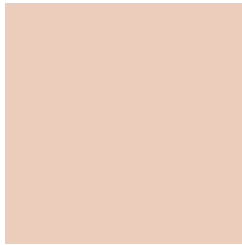
14.6964, 16.0399, 46.0644



1.2441, 1.4396, 3.6472

Previews

White Background



This preview shows how the XYZ color 65.5005, 65.1264, 56.6953 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 65.5005, 65.1264, 56.6953 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

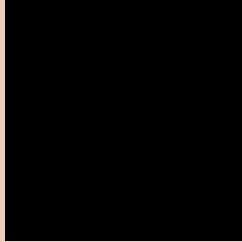
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 65.5005, 65.1264, 56.6953

Background



This preview shows how black text looks on a background with the XYZ color 65.5005, 65.1264, 56.6953.



This preview shows how white text looks on a background with the XYZ color 65.5005, 65.1264,

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

65.5005, 65.1264, 56.6953

Protanopia

61.9658, 65.0704, 58.5841

Deuteranopia

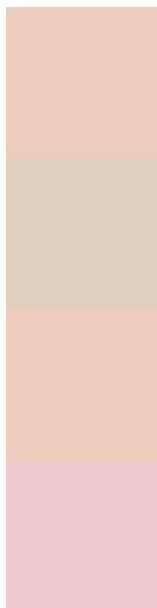
66.6051, 65.3418, 56.6787



Tritanopia

69.2165, 65.2564, 73.9134

Trichromacy



Original Color

65.5005, 65.1264, 56.6953

Protanomaly

63.2142, 64.9982, 57.9294

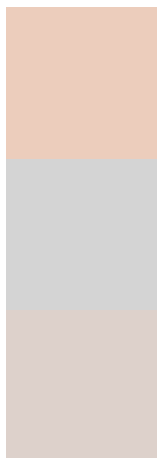
Deuteranomaly

66.2666, 65.1673, 56.6629

Tritanomaly

67.8577, 65.0480, 67.3716

Monochromacy



Original Color

65.5005, 65.1264, 56.6953

Achromatopsia

62.5785, 65.8375, 71.6970

Achromatomaly

63.3988, 65.2849, 65.7597

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.5005, 65.1264, 56.6953 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(236, 205, 188)` looks like.

```
.text, #text, p{  
    color:rgb(236, 205, 188)  
}
```

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(236, 205, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 205, 188) }
```

Border

The CSS property to change the border of an element to XYZ 65.5005, 65.1264, 56.6953 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(236, 205, 188) }
```


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

```
.border{ border-color:rgb(236, 205, 188) }
```

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

Here you see how a box with a 4 pixel rgb(236, 205, 188) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 205, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 205, 188);  
box-shadow:4px 4px 4px 4px rgb(236, 205,  
188) }
```

Background

The CSS property to change the background color of an element to XYZ 65.5005, 65.1264, 56.6953 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 205, 188) }
```

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

```
.background{ background-color: rgb(236,  
205, 188) }
```

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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