

Converting Colors

XYZ(65.1745, 69.3014, 57.0887)

Have a look what the booklet for
XYZ(65.1745, 69.3014, 57.0887)
contains.

| | |
|--|----|
| XYZ(65.1465, 69.3823, 56.9722) | 3 |
| <i>Conversions</i> | 4 |
| <i>Details</i> | 6 |
| <i>Harmonies</i> | 12 |
| <i>Previews</i> | 24 |
| <i>Color Blindness Simulation</i> | 28 |
| <i>CSS Examples</i> | 31 |

Color

**XYZ(65.1465, 69.3823,
56.9722)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | E2D9BB |
| RGB | 226, 217, 187 |
| RGB Percent | 89%, 85%, 73% |
| CMY | 0.1137, 0.1490, 0.2667 |
| CMYK | 0.00, 0.04, 0.17, 0.11 |
| HSL | 46°, 40%, 81% |
| HSV | 46°, 17%, 89% |
| XYZ | 65.1465, 69.3823, 56.9722 |
| YIQ | 216.2710, 14.9940, -7.4220 |

Conversions

Conversions Part 2

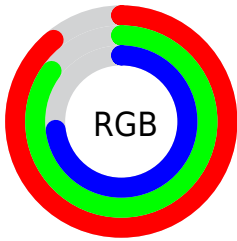
| Format | Color |
|-------------------------------------|--|
| RYB | 199, 226, 187 |
| Decimal | 14866875 |
| CIELab | 86.69, -1.80, 15.89 |
| CIELCh | 87, 15.995, 96.446 |
| Yxy | 69.3823, 0.3402, 0.3623 |
| Android (android.graphics.Color) | 4293056955 (0xFFE2D9BB) |
| YUV | 216.2710, -14.4306, 8.5323 |
| Hunter-Lab | 83.2960, -6.1618, 17.7545 |

Details

The XYZ color **65.1465, 69.3823, 56.9722** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **53.9607, 55.5344, 79.8271**, and the grayscale version is **65.5447, 68.9581, 75.0954**.

A 20% lighter version of the original color is **93.1777, 99.2511, 99.0404**, and **33.8010, 36.1079, 27.7423** is the 20% darker color. If you saturate the color by 10%, you get **61.5932, 65.8472, 44.7759**, and if you desaturate by 10%, it is **69.1268, 73.1607, 71.1910**.

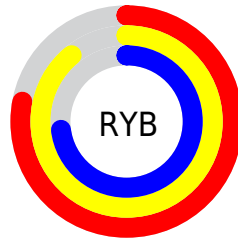
Distribution



Red (89%)

Green (85%)

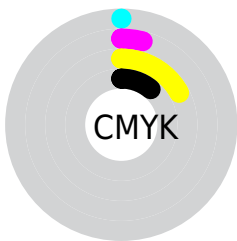
Blue (73%)



Red (78%)

Yellow (89%)

Blue (73%)

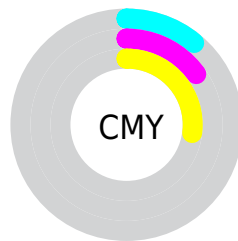


Cyan (0%)

Magenta (4%)

Yellow (17%)

Black (11%)



Cyan (11%)

Magenta (15%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 65.1465, 69.3823, 56.9722 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 65.1465, 69.3823, 56.9722 by changing the saturation by 10% instead.

65.1465, 69.3823,
56.9722

65.1465, 69.3823,
56.9722

432.8551,
458.3782, 430.8360

47.8450, 51.0231,
40.5737

111.3250,
118.3274, 101.9246

33.9149, 36.2270,
27.6690

140.9327,
149.6822, 131.3155

22.9908, 24.6096,
17.8394

175.3732,
186.1376, 165.8743

14.7074, 15.7864,
10.6665

215.0119,
228.0781, 206.0196

8.6993, 9.3731,
5.7317

260.2141,
275.8879, 252.1699

4.6011, 4.9854,
2.6165

311.3451,

2.0475, 2.2387,

329.9517, 304.7437

0.9010

368.7703,
390.6536, 364.1595

■ 0.6604, 0.7410,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 65.1465, 69.3823,
56.9722

■ 65.1465, 69.3823,
56.9722

■ 61.5932, 65.8472,
44.7759

■ 69.1268, 73.1607,
71.1910

■ 58.4431, 62.5384,
34.5040

■ 73.5455, 77.1807,
87.5154

■ 55.6786, 59.4505,
26.0568

■ 78.4205, 81.4523,
106.0293

■ 53.2783, 56.5743,
19.3239

■ 79.9469, 84.4542,
106.6954

■ 51.2185, 53.8997,
14.1830

■ 81.4854, 87.5313,
107.2082

■ 49.4727, 51.4154,
10.4952

■ 83.0683, 90.6969,
107.7358

■ 48.0094, 49.1082,
8.0980

■ 84.6957, 93.9519,
108.2783

■ 46.7875, 46.9610,
6.7765

■ 85.1742, 94.9089,
108.4378

■ 46.4760, 46.3923,
6.5051

Harmonies

Analogous

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



68.8442, 69.3823, 58.2884



65.1465, 69.3823, 56.9722



61.7893, 69.3823, 60.2433

Triad

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



65.1465, 69.3823, 56.9722



60.3605, 69.3823, 88.3730



72.7187, 69.3823, 84.0265

Complementary

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



65.1465, 69.3823, 56.9722



53.9607, 55.5344, 79.8271

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.



70.2846, 69.3823, 93.2415



65.1465, 69.3823, 56.9722



63.1299, 69.3823, 95.9113

Square

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



65.1465, 69.3823, 56.9722



59.0939, 69.3823, 77.8673



66.7516, 69.3823, 97.7716



73.3078, 69.3823, 73.2703

Rectangle

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



65.1465, 69.3823, 56.9722



60.1656, 69.3823, 64.7844



66.7516, 69.3823, 97.7716



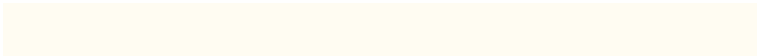
72.0848, 69.3823, 87.4369

Sweetspot

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



65.1484, 69.3854, 56.9737



92.1336, 97.3439, 98.1347



59.1103, 55.7004, 59.9209



19.6352, 20.7571, 20.6932



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.



65.1484, 69.3854, 56.9737



83.7812, 89.3894, 68.3744



64.3675, 72.5192, 57.6197



14.5897, 15.4654, 14.5229



26.6085, 26.6550, 3.7425



1.9104, 1.9797, 0.2814

Inverse Universe

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



53.9607, 55.5344, 79.8271



66.2548, 67.6925, 104.1817



54.6294, 52.9570, 79.2944



13.2073, 13.7537, 17.3463



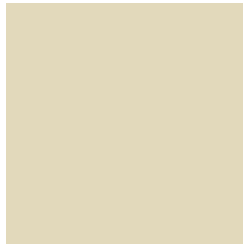
8.6101, 4.6898, 41.4998



0.6645, 0.4605, 2.8991

Previews

White Background



This preview shows how the XYZ color 65.1465, 69.3823, 56.9722 looks on a white background.

Color Contrast Check

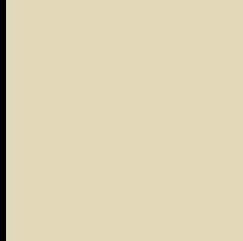
Large Text (above 18pt) WCAG AA × Fail

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 65.1465, 69.3823, 56.9722 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

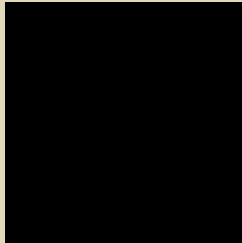
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

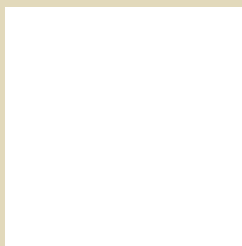
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 65.1465, 69.3823, 56.9722

Background



This preview shows how black text looks on a background with the XYZ color 65.1465, 69.3823, 56.9722.



This preview shows how white text looks on a background with the XYZ color 65.1465, 69.3823,

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

65.1465, 69.3823, 56.9722

Protanopia

65.5204, 69.1936, 56.9161

Deuteranopia

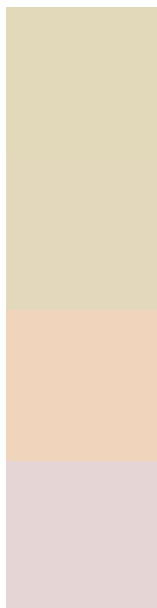
70.6972, 69.2315, 57.7810



Tritanopia

70.2529, 69.1789, 83.0489

Trichromacy



Original Color

65.1465, 69.3823, 56.9722

Protanomaly

65.2041, 69.0305, 56.9013

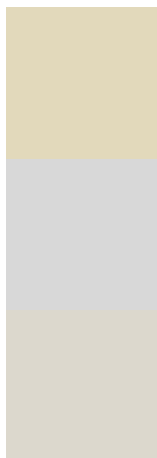
Deuteranomaly

68.5558, 69.2431, 57.3289

Tritanomaly

68.1176, 69.0506, 72.6887

Monochromacy



Original Color

65.1465, 69.3823, 56.9722

Achromatopsia

65.2694, 68.6685, 74.7800

Achromatomaly

65.0905, 68.7352, 67.5942

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.1465, 69.3823, 56.9722 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(226, 217, 187)` looks like.

```
.text, #text, p{  
    color:rgb(226, 217, 187)  
}
```

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(226, 217, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 217, 187) }
```

Border

The CSS property to change the border of an element to XYZ 65.1465, 69.3823, 56.9722 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(226, 217, 187) }
```


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

```
.border{ border-color:rgb(226, 217, 187) }
```

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

Here you see how a box with a 4 pixel rgb(226, 217, 187) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 217, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 217, 187);  
box-shadow:4px 4px 4px 4px rgb(226, 217,  
187) }
```

Background

The CSS property to change the background color of an element to XYZ 65.1465, 69.3823, 56.9722 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 217, 187) }
```

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

```
.background{ background-color: rgb(226,  
217, 187) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor