

Converting Colors

XYZ(58.0631, 63.9657, 42.3166)

Have a look what the booklet for
XYZ(58.0631, 63.9657, 42.3166)
contains.

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Color

**XYZ(57.9583, 63.7255,
42.5032)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | D8D3A0 |
| RGB | 216, 211, 160 |
| RGB Percent | 85%, 83%, 63% |
| CMY | 0.1529, 0.1725, 0.3725 |
| CMYK | 0.00, 0.02, 0.26, 0.15 |
| HSL | 55°, 42%, 74% |
| HSV | 55°, 26%, 85% |
| XYZ | 57.9583, 63.7255, 42.5032 |
| YIQ | 206.6810, 19.3510, -14.8010 |

Conversions

Conversions Part 2

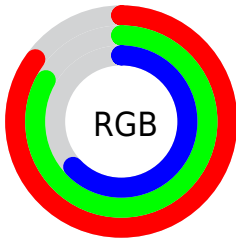
| Format | Color |
|-------------------------------------|--|
| RYB | 165, 216, 160 |
| Decimal | 14209952 |
| CIELab | 83.82, -6.27, 25.94 |
| CIELCh | 84, 26.688, 103.595 |
| Yxy | 63.7255, 0.3530, 0.3881 |
| Android (android.graphics.Color) | 4292400032 (0xFFD8D3A0) |
| YUV | 206.6810, -23.0137, 8.1728 |
| Hunter-Lab | 79.8283, -10.1018, 24.3118 |

Details

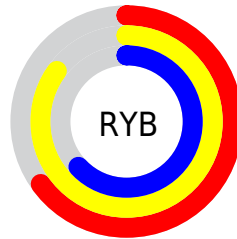
The XYZ color **57.9583, 63.7255, 42.5032** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **40.3468, 39.3407, 70.4329**, and the grayscale version is **59.2389, 62.3239, 67.8708**.

A 20% lighter version of the original color is **89.2657, 97.6863, 78.4405**, and **29.4617, 32.7737, 18.9605** is the 20% darker color. If you saturate the color by 10%, you get **55.7554, 62.0853, 33.2426**, and if you desaturate by 10%, it is **60.4986, 65.5143, 53.4975**.

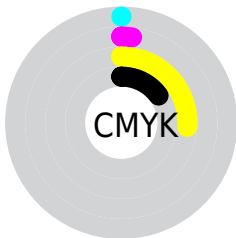
Distribution



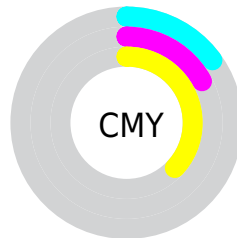
- Red (85%)
- Green (83%)
- Blue (63%)



- Red (65%)
- Yellow (85%)
- Blue (63%)



- Cyan (0%)
- Magenta (2%)
- Yellow (26%)
- Black (15%)



- Cyan (15%)
- Magenta (17%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 57.9583, 63.7255, 42.5032 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 57.9583, 63.7255, 42.5032 by changing the saturation by 10% instead.

■ 57.9583, 63.7255,
42.5032

■ 57.9583, 63.7255,
42.5032

406.9869,
438.1977, 372.4257

■ 42.0183, 46.4284,
29.1670

■ 100.9854,
110.2155, 80.2389

■ 29.3068, 32.5840,
18.9605

■ 128.8033,
140.1772, 105.4755

■ 19.4584, 21.8080,
11.4652

161.3110,
175.1292, 135.5160

■ 12.1080, 13.7159,
6.2626

198.8741,
215.4559, 170.7789

■ 6.8900, 7.9233,
2.9340

241.8579,
261.5417, 211.6828

■ 3.4391, 4.0459,
1.0611

290.6277,

■ 1.3900, 1.6993,

313.7710, 258.6462

0.0000

345.5489,
372.5282, 312.0877

■ 0.2491, 0.4232,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 57.9583, 63.7255,
42.5032

■ 57.9583, 63.7255,
42.5032

■ 55.7554, 62.0853,
33.2426

■ 60.4986, 65.5143,
53.4975

■ 53.8680, 60.5781,
25.6222

■ 63.3870, 67.4494,
66.3043

■ 52.2791, 59.1995,
19.5459

■ 66.6401, 69.5395,
81.0027

■ 50.9683, 57.9413,
14.9059

■ 70.2718, 71.7904,
97.6658

■ 49.9124, 56.7941,
11.5807

■ 72.1301, 73.3412,
104.9623

■ 49.0846, 55.7471,
9.4286

■ 72.6406, 74.3623,
105.1325

■ 48.4516, 54.7870,
8.2740

■ 73.1570, 75.3950,
105.3047

■ 48.2249, 54.4108,
7.9606

■ 73.6793, 76.4395,
105.4787

■ 74.2074, 77.4958,
105.6548

Harmonies

Analogous

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



63.8084, 63.7255, 42.7993



57.9583, 63.7255, 42.5032



53.1250, 63.7255, 48.5361

Triad

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



57.9583, 63.7255, 42.5032



52.7677, 63.7255, 94.1091



72.0372, 63.7255, 78.9075

Complementary

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



57.9583, 63.7255, 42.5032



40.3468, 39.3407, 70.4329

Split Complementary

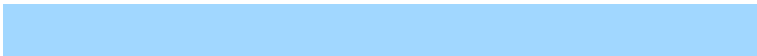
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



68.6782, 63.7255, 95.4871



57.9583, 63.7255, 42.5032



57.4415, 63.7255, 105.1854

Square

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



57.9583, 63.7255, 42.5032



50.2614, 63.7255, 77.2536



63.2573, 63.7255, 105.7269



72.1979, 63.7255, 62.0720

Rectangle

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



57.9583, 63.7255, 42.5032



51.0247, 63.7255, 55.9987



63.2573, 63.7255, 105.7269



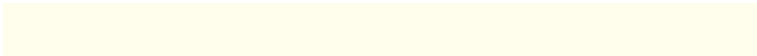
71.2354, 63.7255, 84.7536

Sweetspot

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



57.9599, 63.7284, 42.5045



91.3599, 97.5996, 92.3180



47.7366, 42.4798, 41.5686



19.4145, 20.7972, 19.1353



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.



57.9599, 63.7284, 42.5045



82.6233, 91.4961, 54.3542



53.0471, 63.0666, 42.6357



13.3737, 14.3217, 13.2202



28.5852, 32.2877, 4.7255



1.7525, 2.0042, 0.2945

Inverse Universe

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



40.3468, 39.3407, 70.4329



52.8769, 50.3116, 101.5319



44.3521, 40.0941, 70.3673



11.8308, 12.1850, 15.6659



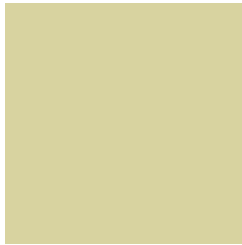
7.5106, 3.2830, 38.6910



0.4845, 0.2609, 2.3441

Previews

White Background



This preview shows how the XYZ color 57.9583, 63.7255, 42.5032 looks on a white background.

Color Contrast Check

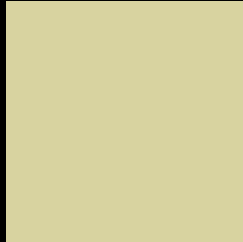
Large Text (above 18pt) WCAG AA × Fail

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 57.9583, 63.7255, 42.5032 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

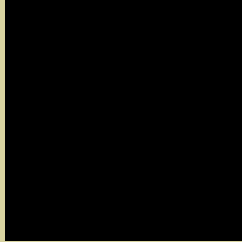
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

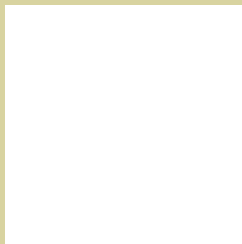
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 57.9583, 63.7255, 42.5032

Background



This preview shows how black text looks on a background with the XYZ color 57.9583, 63.7255, 42.5032.



This preview shows how white text looks on a background with the XYZ color 57.9583, 63.7255,

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

57.9583, 63.7255, 42.5032

Protanopia

59.4899, 63.7921, 41.9785

Deuteranopia

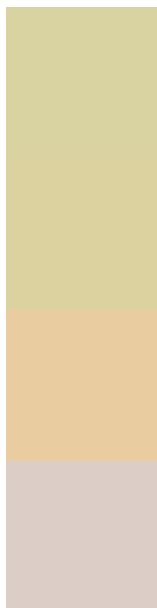
64.8321, 63.3297, 42.9892



Tritanopia

64.5735, 63.5143, 75.8739

Trichromacy



Original Color

57.9583, 63.7255, 42.5032

Protanomaly

58.8198, 63.8120, 42.0177

Deuteranomaly

61.9576, 63.2514, 42.6614

Tritanomaly

61.7795, 63.4355, 62.4142

Monochromacy



Original Color

57.9583, 63.7255, 42.5032

Achromatopsia

59.3074, 62.3960, 67.9493

Achromatomaly

58.4285, 62.5311, 57.7054

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.9583, 63.7255, 42.5032 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(216, 211, 160)` looks like.

```
.text, #text, p{  
    color:rgb(216, 211, 160)  
}
```

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(216, 211, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 211, 160) }
```

Border

The CSS property to change the border of an element to XYZ 57.9583, 63.7255, 42.5032 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(216, 211, 160) }
```


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

```
.border{ border-color:rgb(216, 211, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 211, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 211, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 211, 160);  
box-shadow:4px 4px 4px 4px rgb(216, 211,  
160) }
```

Background

The CSS property to change the background color of an element to XYZ 57.9583, 63.7255, 42.5032 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 211, 160) }
```

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

```
.background{ background-color: rgb(216,  
211, 160) }
```

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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