

Converting Colors

XYZ(64.9581, 70.6941, 56.0515)

Have a look what the booklet for
XYZ(64.9581, 70.6941, 56.0515)
contains.

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Color

**XYZ(65.0448, 70.9037,
56.1565)**

Conversions

Conversions Part 1

Format	Color
Hex	DFDDB9
RGB	223, 221, 185
RGB Percent	87%, 87%, 73%
CMY	0.1255, 0.1333, 0.2745
CMYK	0.00, 0.01, 0.17, 0.13
HSL	57°, 37%, 80%
HSV	57°, 17%, 87%
XYZ	65.0448, 70.9037, 56.1565
YIQ	217.4940, 12.7480, -10.7720

Conversions

Conversions Part 2

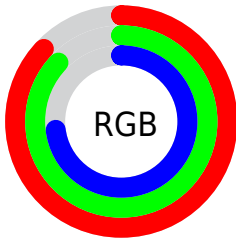
Format	Color
RYB	187, 223, 185
Decimal	14671289
CIELab	87.44, -5.24, 17.95
CIELCh	87, 18.700, 106.264
Yxy	70.9037, 0.3386, 0.3691
Android (android.graphics.Color)	4292861369 (0xFFDFDDB9)
YUV	217.4940, -16.0195, 4.8288
Hunter-Lab	84.2043, -9.4728, 19.4021

Details

The XYZ color **65.0448, 70.9037, 56.1565** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **51.0970, 51.1814, 76.9983**, and the grayscale version is **66.3944, 69.8521, 76.0689**.

A 20% lighter version of the original color is **92.8772, 99.1309, 97.4581**, and **33.9495, 37.2632, 27.2330** is the 20% darker color. If you saturate the color by 10%, you get **62.5657, 69.4216, 44.6125**, and if you desaturate by 10%, it is **67.8991, 72.5441, 69.6489**.

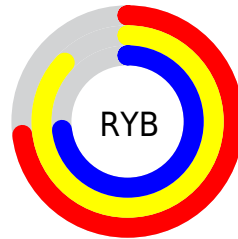
Distribution



Red (87%)

Green (87%)

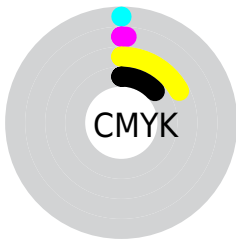
Blue (73%)



Red (73%)

Yellow (87%)

Blue (73%)

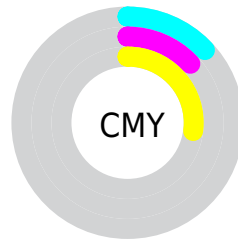


Cyan (0%)

Magenta (1%)

Yellow (17%)

Black (13%)



Cyan (13%)

Magenta (13%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 65.0448, 70.9037, 56.1565 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 65.0448, 70.9037, 56.1565 by changing the saturation by 10% instead.

65.0448, 70.9037,
56.1565

65.0448, 70.9037,
56.1565

432.4956,
463.7167, 427.6859

47.7622, 52.2636,
39.9236

111.1796,
120.4966, 100.7214

33.8491, 37.2152,
27.1656

140.7626,
152.2182, 129.8905

22.9400, 25.3742,
17.4641

175.1764,
189.0691, 164.2088

14.6697, 16.3561,
10.4005

214.7864,
231.4337, 204.0947

8.6727, 9.7765,
5.5562

259.9580,
279.6963, 249.9668

4.5837, 5.2510,
2.5128

311.0565,

2.0374, 2.3953,

334.2415, 302.2437

0.8469

368.4472,
395.4535, 361.3439

■ 0.6548, 0.8235,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 65.0448, 70.9037,
56.1565

■ 65.0448, 70.9037,
56.1565

■ 62.5657, 69.4216,
44.6125

■ 67.8991, 72.5441,
69.6489

■ 60.4389, 68.0815,
34.9221

■ 71.1391, 74.3398,
85.1697

■ 58.6480, 66.8792,
26.9891

■ 74.7817, 76.3001,
102.8000

■ 57.1725, 65.8064,
20.7071

■ 75.5932, 77.1314,
105.5114

■ 55.9902, 64.8544,
15.9580

■ 75.9121, 77.7691,
105.6177

■ 55.0756, 64.0129,
12.6082

■ 76.2331, 78.4111,
105.7247

■ 54.3989, 63.2699,
10.5012

■ 76.5563, 79.0575,
105.8324

■ 53.9215, 62.6100,
9.4325

■ 76.8817, 79.7083,
105.9409

■ 53.7990, 62.4229,
9.2133

■ 77.2093, 80.3634,
106.0501

Harmonies

Analogous

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



69.4255, 70.9037, 55.9326



65.0448, 70.9037, 56.1565



61.4488, 70.9037, 61.6003

Triad

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



65.0448, 70.9037, 56.1565



61.6978, 70.9037, 96.1119



75.9692, 70.9037, 83.1135

Complementary

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



65.0448, 70.9037, 56.1565



51.0970, 51.1814, 76.9983

Split Complementary

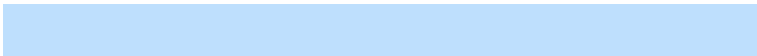
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



73.7063, 70.9037, 95.2381



65.0448, 70.9037, 56.1565



65.3983, 70.9037, 103.2774

Square

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



65.0448, 70.9037, 56.1565



59.5748, 70.9037, 84.2051



69.7947, 70.9037, 102.9412



75.8644, 70.9037, 70.5985

Rectangle

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



65.0448, 70.9037, 56.1565



59.9236, 70.9037, 67.8333



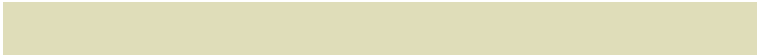
69.7947, 70.9037, 102.9412



75.4561, 70.9037, 87.3961

Sweetspot

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



65.0467, 70.9068, 56.1580



92.8514, 98.7795, 98.3740



56.8080, 53.9976, 54.7431



19.8102, 21.1071, 20.7516



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.



65.0467, 70.9068, 56.1580



87.0509, 95.4434, 70.9611



60.7472, 69.4769, 56.1086



14.8069, 15.8998, 14.5953



31.6595, 36.7569, 5.4262



2.2136, 2.5861, 0.3825

Inverse Universe

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



51.0970, 51.1814, 76.9983



65.1865, 64.5268, 103.6270



54.8821, 52.5089, 77.0550



13.0095, 13.3581, 17.2804



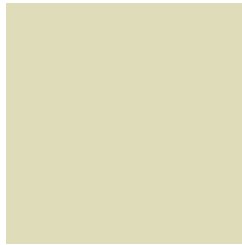
7.9318, 3.3331, 41.2737



0.5704, 0.2723, 2.8677

Previews

White Background



This preview shows how the XYZ color 65.0448, 70.9037, 56.1565 looks on a white background.

Color Contrast Check

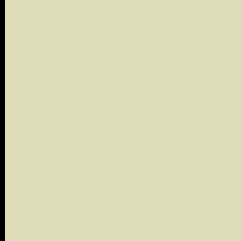
Large Text (above 18pt) WCAG AA × Fail

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 65.0448, 70.9037, 56.1565 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

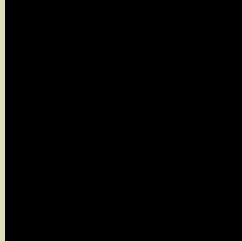
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

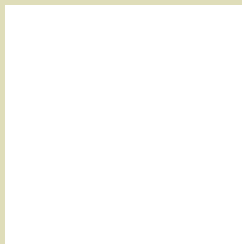
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 65.0448, 70.9037, 56.1565

Background



This preview shows how black text looks on a background with the XYZ color 65.0448, 70.9037, 56.1565.



This preview shows how white text looks on a background with the XYZ color 65.0448, 70.9037,

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

65.0448, 70.9037, 56.1565

Protanopia

66.9382, 71.1127, 55.5455

Deuteranopia

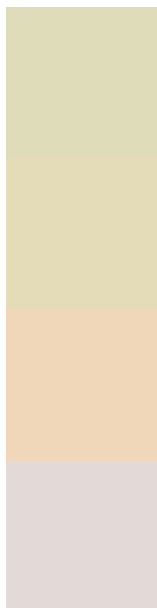
72.4088, 70.8718, 56.8770



Tritanopia

71.0373, 71.0284, 85.5671

Trichromacy



Original Color

65.0448, 70.9037, 56.1565

Protanomaly

66.2398, 71.1411, 55.5878

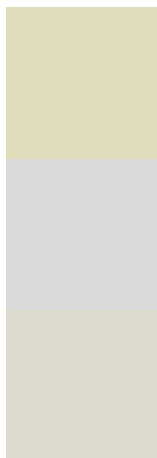
Deuteranomaly

69.4390, 70.8468, 56.4693

Tritanomaly

68.6290, 70.8116, 73.6692

Monochromacy



Original Color

65.0448, 70.9037, 56.1565

Achromatopsia

65.9525, 69.3872, 75.5626

Achromatomaly

65.3043, 69.6107, 67.7519

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.0448, 70.9037, 56.1565 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(223, 221, 185)` looks like.

```
.text, #text, p{  
    color:rgb(223, 221, 185)  
}
```

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(223, 221, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 221, 185) }
```

Border

The CSS property to change the border of an element to XYZ 65.0448, 70.9037, 56.1565 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(223, 221, 185) }
```


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

```
.border{ border-color:rgb(223, 221, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 221, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(223, 221, 185); -webkit-box-shadow:4px 4px 4px 4px rgb(223, 221, 185); box-shadow:4px 4px 4px 4px rgb(223, 221, 185) }
```

Background

The CSS property to change the background color of an element to XYZ 65.0448, 70.9037, 56.1565 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 221, 185) }
```

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

```
.background{ background-color: rgb(223,  
221, 185) }
```

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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