

Converting Colors

XYZ(56.3033, 59.1524, 48.7010)

Have a look what the booklet for
XYZ(56.3033, 59.1524, 48.7010)
contains.

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Color

**XYZ(56.2582, 59.1254,
48.4916)**

Conversions

Conversions Part 1

Format	Color
Hex	D6C9AE
RGB	214, 201, 174
RGB Percent	84%, 79%, 68%
CMY	0.1608, 0.2117, 0.3176
CMYK	0.00, 0.06, 0.19, 0.16
HSL	41°, 33%, 76%
HSV	41°, 19%, 84%
XYZ	56.2582, 59.1254, 48.4916
YIQ	201.8090, 16.4150, -5.6410

Conversions

Conversions Part 2

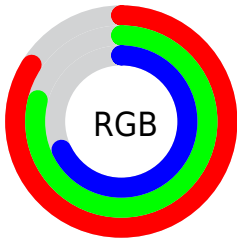
Format	Color
RYB	193, 214, 174
Decimal	14076334
CIELab	81.36, 0.15, 15.13
CIELCh	81, 15.131, 89.423
Yxy	59.1254, 0.3433, 0.3608
Android (android.graphics.Color)	4292266414 (0xFFD6C9AE)
YUV	201.8090, -13.7098, 10.6915
Hunter-Lab	76.8930, -3.9647, 16.4347

Details

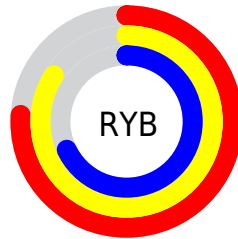
The XYZ color **56.2582, 59.1254, 48.4916** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **47.3633, 49.3933, 70.6564**, and the grayscale version is **56.0968, 59.0183, 64.2709**.

A 20% lighter version of the original color is **91.2829, 98.4932, 89.0629**, and **28.2446, 29.6435, 22.6455** is the 20% darker color. If you saturate the color by 10%, you get **52.7521, 55.1899, 37.8371**, and if you desaturate by 10%, it is **60.1732, 63.3459, 60.9237**.

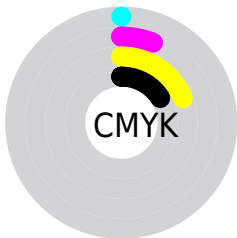
Distribution



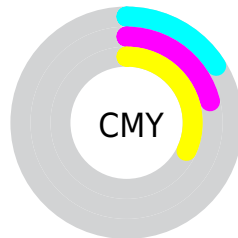
- Red (84%)
- Green (79%)
- Blue (68%)



- Red (76%)
- Yellow (84%)
- Blue (68%)



- Cyan (0%)
- Magenta (6%)
- Yellow (19%)
- Black (16%)



- Cyan (16%)
- Magenta (21%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 56.2582, 59.1254, 48.4916 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 56.2582, 59.1254, 48.4916 by changing the saturation by 10% instead.

■ 56.2582, 59.1254,
48.4916

■ 56.2582, 59.1254,
48.4916

400.7231,
421.3665, 397.3022

■ 40.6478, 42.7141,
33.8536

■ 98.5196, 103.5599,
89.3091

■ 28.2304, 29.6608,
22.5047

125.9013,
132.3519, 116.3256

■ 18.6408, 19.5813,
14.0264

157.9375,
166.0395, 148.3054

■ 11.5135, 12.0911,
8.0000

194.9935,
205.0072, 185.6670

■ 6.4831, 6.8057,
4.0072

237.4348,
249.6393, 228.8289

■ 3.1845, 3.3409,
1.6293

285.6265,

■ 1.2520, 1.3122,

300.3203, 278.2097

0.3116

339.9342,
357.4346, 334.2280

■ 0.1469, 0.1506,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 56.2582, 59.1254,
48.4916

■ 56.2582, 59.1254,
48.4916

■ 52.7521, 55.1899,
37.8371

■ 60.1732, 63.3459,
60.9237

■ 49.6337, 51.5234,
28.8734

■ 64.5081, 67.8511,
75.2071

■ 46.8864, 48.1196,
21.5120

■ 69.2791, 72.6513,
91.4162

■ 44.4907, 44.9692,
15.6549

■ 73.7503, 77.4533,
105.6707

■ 42.4251, 42.0618,
11.1931

■ 75.7108, 81.3743,
106.3242

■ 40.6649, 39.3860,
8.0027

■ 77.7492, 85.4511,
107.0036

■ 39.1816, 36.9287,
5.9380

■ 79.8664, 89.6854,
107.7094

■ 37.9312, 34.6705,
4.7733

■ 81.5418, 93.0363,
108.2678

■ 37.7768, 34.3864,
4.6462

Harmonies

Analogous

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



59.3462, 59.1254, 50.5227



56.2582, 59.1254, 48.4916



53.2634, 59.1254, 50.3735

Triad

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



56.2582, 59.1254, 48.4916



51.0669, 59.1254, 73.3137



61.5944, 59.1254, 73.6456

Complementary

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



56.2582, 59.1254, 48.4916



47.3633, 49.3933, 70.6564

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.



59.2362, 59.1254, 80.7625



56.2582, 59.1254, 48.4916



53.1611, 59.1254, 80.5586

Square

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



56.2582, 59.1254, 48.4916



50.3351, 59.1254, 64.2022



56.1357, 59.1254, 83.4015



62.4970, 59.1254, 64.5531

Rectangle

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



56.2582, 59.1254, 48.4916



51.7053, 59.1254, 53.7046



56.1357, 59.1254, 83.4015



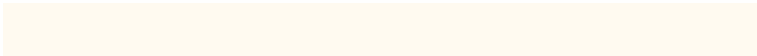
60.9414, 59.1254, 76.3784

Sweetspot

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



56.2598, 59.1280, 48.4929



91.1183, 95.9228, 95.9171



51.8736, 48.1712, 53.7657



19.4145, 20.4385, 20.2410



0.0000, 0.0000, 0.0000



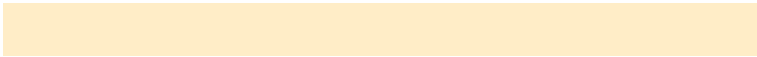
20.3446, 21.4041, 23.3091

Same Dimension

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



56.2598, 59.1280, 48.4929



81.7558, 85.8161, 66.2271



57.5125, 64.4632, 49.4566



13.1169, 13.8081, 13.1346



22.9317, 20.9807, 2.8410



1.4569, 1.4130, 0.1959

Inverse Universe

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



47.3633, 49.3933, 70.6564



66.4222, 69.0394, 104.4329



46.2524, 44.9115, 69.8498



12.0688, 12.6610, 15.7452



8.7268, 5.7155, 39.0964



0.6007, 0.4933, 2.3829

Previews

White Background



This preview shows how the XYZ color 56.2582, 59.1254, 48.4916 looks on a white background.

Color Contrast Check

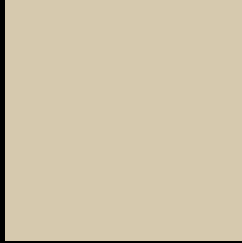
Large Text (above 18pt) WCAG AA × Fail

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 56.2582, 59.1254, 48.4916 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

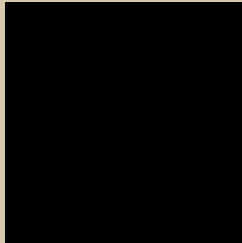
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 56.2582, 59.1254, 48.4916

Background



This preview shows how black text looks on a background with the XYZ color 56.2582, 59.1254, 48.4916.



This preview shows how white text looks on a background with the XYZ color 56.2582, 59.1254,

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

56.2582, 59.1254, 48.4916

Protanopia

55.9119, 59.2941, 48.5424

Deuteranopia

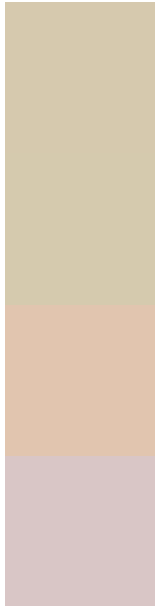
60.2080, 59.1143, 48.7943



Tritanopia

60.7112, 59.2431, 69.8632

Trichromacy



Original Color

56.2582, 59.1254, 48.4916

Protanomaly

56.2011, 59.4432, 48.5560

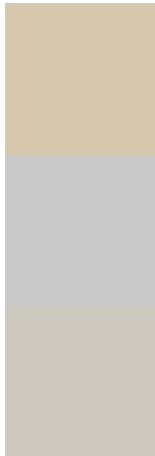
Deuteranomaly

58.7555, 59.0352, 48.8556

Tritanomaly

59.0024, 59.2171, 61.7464

Monochromacy



Original Color

56.2582, 59.1254, 48.4916

Achromatopsia

56.1383, 59.0619, 64.3184

Achromatomaly

56.0886, 59.1686, 58.3337

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.2582, 59.1254, 48.4916 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(214, 201, 174) looks like.

```
.text, #text, p{  
    color:rgb(214, 201, 174)  
}
```

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(214, 201, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 201, 174) }
```

Border

The CSS property to change the border of an element to XYZ 56.2582, 59.1254, 48.4916 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(214, 201, 174) }
```


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

```
.border{ border-color:rgb(214, 201, 174) }
```

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

Here you see how a box with a 4 pixel rgb(214, 201, 174) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 201, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 201, 174);  
box-shadow:4px 4px 4px 4px rgb(214, 201,  
174) }
```

Background

The CSS property to change the background color of an element to XYZ 56.2582, 59.1254, 48.4916 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 201, 174) }
```

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

```
.background{ background-color: rgb(214,  
201, 174) }
```

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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