

Converting Colors

XYZ(58.9857, 63.9441, 46.8308)

Have a look what the booklet for
XYZ(58.9857, 63.9441, 46.8308)
contains.

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Color

**XYZ(58.8233, 63.7095,
46.7330)**

Conversions

Conversions Part 1

Format	Color
Hex	D9D2A9
RGB	217, 210, 169
RGB Percent	85%, 82%, 66%
CMY	0.1490, 0.1764, 0.3372
CMYK	0.00, 0.03, 0.22, 0.15
HSL	51°, 39%, 76%
HSV	51°, 22%, 85%
XYZ	58.8233, 63.7095, 46.7330
YIQ	207.4190, 17.3330, -11.2670

Conversions

Conversions Part 2

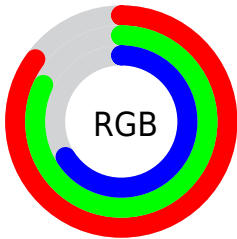
Format	Color
RYB	177, 217, 169
Decimal	14275241
CIELab	83.81, -4.14, 21.23
CIELCh	84, 21.630, 101.031
Yxy	63.7095, 0.3475, 0.3764
Android (android.graphics.Color)	4292465321 (0xFFD9D2A9)
YUV	207.4190, -18.9406, 8.4025
Hunter-Lab	79.8182, -8.1335, 21.1589

Details

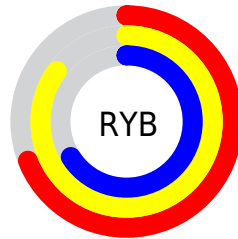
The XYZ color **58.8233, 63.7095, 46.7330** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **44.4117, 44.4944, 71.8934**, and the grayscale version is **59.6904, 62.7990, 68.3881**.

A 20% lighter version of the original color is **90.4545, 98.1618, 84.7007**, and **29.9996, 32.7427, 21.5684** is the 20% darker color. If you saturate the color by 10%, you get **56.1804, 61.4176, 36.6219**, and if you desaturate by 10%, it is **61.8231, 66.1733, 58.6327**.

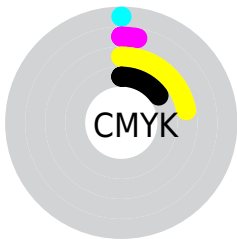
Distribution



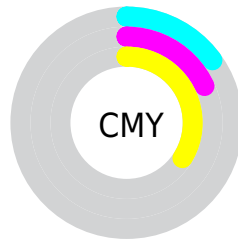
- Red (85%)
- Green (82%)
- Blue (66%)



- Red (69%)
- Yellow (85%)
- Blue (66%)



- Cyan (0%)
- Magenta (3%)
- Yellow (22%)
- Black (15%)



- Cyan (15%)
- Magenta (18%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 58.8233, 63.7095, 46.7330 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 58.8233, 63.7095, 46.7330 by changing the saturation by 10% instead.

■ 58.8233, 63.7095,
46.7330

■ 58.8233, 63.7095,
46.7330

410.1514,
438.1398, 390.1106

■ 42.7167, 46.4154,
32.4718

■ 102.2369,
110.1925, 86.6607

■ 29.8565, 32.5738,
21.4543

130.2746,
140.1501, 113.1644

■ 19.8772, 21.8001,
13.2620

163.0201,
175.0978, 144.5859

■ 12.4136, 13.7101,
7.4764

200.8387,
215.4199, 181.3438

■ 7.1002, 7.9193,
3.6788

244.0958,
261.5007, 223.8567

■ 3.5717, 4.0434,
1.4509

293.1567,

■ 1.4628, 1.6979,

313.7247, 272.5431

0.1809

348.3868,
372.4763, 327.8216

■ 0.3003, 0.4223,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 58.8233, 63.7095,
46.7330

■ 58.8233, 63.7095,
46.7330

■ 56.1804, 61.4176,
36.6219

■ 61.8231, 66.1733,
58.6327

■ 53.8727, 59.2820,
28.2074

■ 65.1904, 68.8067,
72.3987

■ 51.8837, 57.2984,
21.3957

■ 68.9416, 71.6186,
88.1089

■ 50.1933, 55.4585,
16.0820

■ 72.9610, 74.5629,
105.1544

■ 48.7793, 53.7532,
12.1493

■ 73.8121, 76.2652,
105.4381

■ 47.6160, 52.1723,
9.4629

■ 74.6791, 77.9992,
105.7271

■ 46.6726, 50.7031,
7.8613

■ 75.5620, 79.7650,
106.0214

■ 46.0433, 49.6076,
7.1485

■ 76.4610, 81.5629,
106.3210

■ 77.3760, 83.3930,
106.6261

Harmonies

Analogous

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



63.5715, 63.7095, 47.4570



58.8233, 63.7095, 46.7330



54.7543, 63.7095, 51.4495

Triad

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



58.8233, 63.7095, 46.7330



53.9225, 63.7095, 87.9948



69.6080, 63.7095, 78.2232

Complementary

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



58.8233, 63.7095, 46.7330



44.4117, 44.4944, 71.8934

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.



66.7494, 63.7095, 91.0296



58.8233, 63.7095, 46.7330



57.6335, 63.7095, 97.1607

Square

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



58.8233, 63.7095, 46.7330



52.0249, 63.7095, 74.4946



62.3183, 63.7095, 98.3387



69.9677, 63.7095, 64.4837

Rectangle

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



58.8233, 63.7095, 46.7330



52.9101, 63.7095, 57.4560



62.3183, 63.7095, 98.3387



68.9007, 63.7095, 82.8240

Sweetspot

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



58.8250, 63.7123, 46.7343



91.4837, 97.2547, 94.1860



50.6602, 46.2710, 47.4401



19.5182, 20.7671, 19.9020



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.



58.8250, 63.7123, 46.7343



82.7611, 90.0961, 59.5663



55.8477, 64.7976, 47.1007



13.9921, 14.9235, 13.8686



27.9325, 30.1506, 4.3475



1.8547, 2.0435, 0.2967

Inverse Universe

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



44.4117, 44.4944, 71.8934



58.1175, 57.2406, 102.5932



46.9142, 43.8006, 71.6276



12.4910, 12.9218, 16.4880



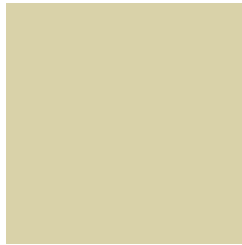
7.9350, 3.7395, 40.0420



0.5638, 0.3417, 2.6107

Previews

White Background



This preview shows how the XYZ color 58.8233, 63.7095, 46.7330 looks on a white background.

Color Contrast Check

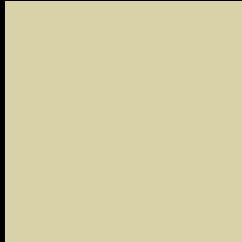
Large Text (above 18pt) WCAG AA × Fail

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 58.8233, 63.7095, 46.7330 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

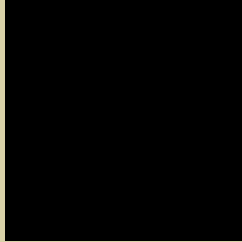
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

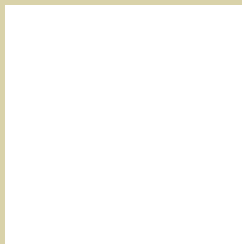
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 58.8233, 63.7095, 46.7330

Background



This preview shows how black text looks on a background with the XYZ color 58.8233, 63.7095, 46.7330.



This preview shows how white text looks on a background with the XYZ color 58.8233, 63.7095,

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

58.8233, 63.7095, 46.7330

Protanopia

59.9925, 63.9577, 46.2289

Deuteranopia

64.8553, 63.5908, 47.3841



Tritanopia

64.5735, 63.5143, 75.8739

Trichromacy



Original Color

58.8233, 63.7095, 46.7330

Protanomaly

59.3835, 63.6437, 46.2004

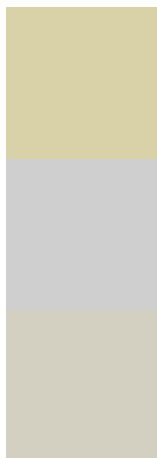
Deuteranomaly

62.4528, 63.4116, 46.9783

Tritanomaly

62.4327, 63.7318, 64.2693

Monochromacy



Original Color

58.8233, 63.7095, 46.7330

Achromatopsia

59.3074, 62.3960, 67.9493

Achromatomaly

59.0455, 62.8109, 59.4638

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.8233, 63.7095, 46.7330 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(217, 210, 169)` looks like.

```
.text, #text, p{  
    color:rgb(217, 210, 169)  
}
```

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(217, 210, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 210, 169) }
```

Border

The CSS property to change the border of an element to XYZ 58.8233, 63.7095, 46.7330 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(217, 210, 169) }
```


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

```
.border{ border-color:rgb(217, 210, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 210, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 210, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 210, 169);  
box-shadow:4px 4px 4px 4px rgb(217, 210,  
169) }
```

Background

The CSS property to change the background color of an element to XYZ 58.8233, 63.7095, 46.7330 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 210, 169) }
```

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

```
.background{ background-color: rgb(217,  
210, 169) }
```

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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