

Converting Colors

XYZ(56.8250, 58.6080, 47.7641)

Have a look what the booklet for
XYZ(56.8250, 58.6080, 47.7641)
contains.

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Color

**XYZ(56.8797, 58.7694,
47.8809)**

Conversions

Conversions Part 1

Format	Color
Hex	DAC7AD
RGB	218, 199, 173
RGB Percent	85%, 78%, 68%
CMY	0.1451, 0.2196, 0.3216
CMYK	0.00, 0.09, 0.21, 0.15
HSL	35°, 38%, 77%
HSV	35°, 21%, 85%
XYZ	56.8797, 58.7694, 47.8809
YIQ	201.7170, 19.6700, -4.0580

Conversions

Conversions Part 2

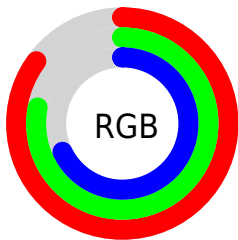
Format	Color
R _Y B	206, 218, 173
Decimal	14337965
CIE Lab	81.16, 2.54, 15.44
CIE LCh	81, 15.643, 80.668
Yxy	58.7694, 0.3478, 0.3594
Android (android.graphics.Color)	4292528045 (0xFFDAC7AD)
YUV	201.7170, -14.1575, 14.2802
Hunter-Lab	76.6612, -1.7169, 16.6316

Details

The XYZ color **56.8797, 58.7694, 47.8809** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **48.7378, 51.6443, 73.7297**, and the grayscale version is **56.0408, 58.9593, 64.2066**.

A 20% lighter version of the original color is **91.0036, 98.3814, 87.5919**, and **28.6808, 29.4178, 22.2557** is the 20% darker color. If you saturate the color by 10%, you get **52.8867, 53.8881, 36.9780**, and if you desaturate by 10%, it is **61.3481, 64.0498, 60.6417**.

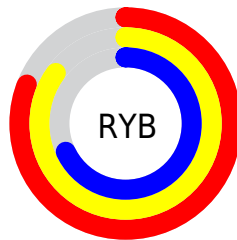
Distribution



Red (85%)

Green (78%)

Blue (68%)



Red (81%)

Yellow (85%)

Blue (68%)

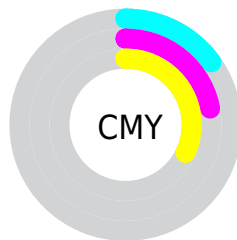


Cyan (0%)

Magenta (9%)

Yellow (21%)

Black (15%)



Cyan (15%)


Magenta (22%)


Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 56.8797, 58.7694, 47.8809 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 56.8797, 58.7694, 47.8809 by changing the saturation by 10% instead.


 56.8797, 58.7694,
47.8809

 56.8797, 58.7694,
47.8809

403.0199,
420.0468, 394.8149

 41.1484, 42.4275,
33.3733


 99.4220, 103.0424,
88.3908

 28.6233, 29.4362,
22.1391


126.9637,
131.7424, 115.2300

 18.9389, 19.4110,
13.7598

159.1730,
165.3305, 147.0170

 11.7298, 11.9677,
7.8170

196.4152,
204.1911, 184.1701

 6.6309, 6.7217,
3.8920

239.0556,
248.7086, 227.1079

 3.2766, 3.2886,
1.5663

287.4596,

 1.3017, 1.2842,

299.2675, 276.2489

0.2666

341.9926,
356.2521, 332.0118

■ 0.1845, 0.1289,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 56.8797, 58.7694,
47.8809

■ 56.8797, 58.7694,
47.8809

■ 52.8867, 53.8881,
36.9780

■ 61.3481, 64.0498,
60.6417

■ 49.3456, 49.3868,
27.8409

■ 66.3049, 69.7320,
75.3393

■ 46.2375, 45.2563,
20.3747

■ 71.7685, 75.8286,
92.0525

■ 43.5402, 41.4840,
14.4746

■ 76.9058, 82.0098,
106.3839

■ 41.2293, 38.0561,
10.0232

■ 79.6212, 87.4407,
107.2890

■ 39.2768, 34.9575,
6.8868

■ 82.4751, 93.1485,
108.2403

■ 37.6502, 32.1709,
4.9059

■ 82.7236, 93.6455,
108.3231

■ 36.3716, 29.8214,
3.8391

Harmonies

Analogous

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



59.9204, 58.7694, 51.1017



56.8797, 58.7694, 47.8809



53.6783, 58.7694, 48.6402

Triad

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



56.8797, 58.7694, 47.8809



50.2044, 58.7694, 70.5277



60.8412, 58.7694, 76.0374

Complementary

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



56.8797, 58.7694, 47.8809



48.7378, 51.6443, 73.7297

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.



58.0970, 58.7694, 82.2704



56.8797, 58.7694, 47.8809



51.9845, 58.7694, 78.8810

Square

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



56.8797, 58.7694, 47.8809



49.9070, 58.7694, 61.1268



54.8497, 58.7694, 83.3587



62.2654, 58.7694, 66.9410

Rectangle

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



56.8797, 58.7694, 47.8809



51.8780, 58.7694, 51.3333



54.8497, 58.7694, 83.3587



60.0376, 58.7694, 78.5726

Sweetspot

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



56.8813, 58.7720, 47.8821



90.6578, 95.0017, 95.7636



53.4276, 48.6213, 56.7297



19.3055, 20.2206, 20.2047



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.



56.8813, 58.7720, 47.8821



78.4396, 80.5687, 60.8517



60.6391, 67.6075, 49.3895



13.6778, 14.2949, 13.7639



21.8989, 18.0834, 2.3362



1.5033, 1.3408, 0.1796

Inverse Universe

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



48.7378, 51.6443, 73.7297



64.7118, 68.5549, 104.4295



45.5037, 44.1800, 72.4594



12.7882, 13.5161, 16.5870



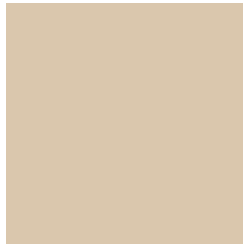
9.9771, 7.8236, 40.7227



0.7305, 0.6750, 2.6662

Previews

White Background



This preview shows how the XYZ color 56.8797, 58.7694, 47.8809 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 56.8797, 58.7694, 47.8809 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

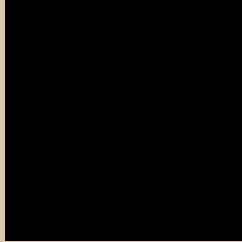
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 56.8797, 58.7694, 47.8809

Background



This preview shows how black text looks on a background with the XYZ color 56.8797, 58.7694, 47.8809.



This preview shows how white text looks on a background with the XYZ color 56.8797, 58.7694,

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

56.8797, 58.7694, 47.8809

Protanopia

55.6780, 58.8263, 48.4645

Deuteranopia

59.8868, 58.6285, 48.2045



Tritanopia

61.2318, 58.8750, 68.4583

Trichromacy



Original Color

56.8797, 58.7694, 47.8809

Protanomaly

56.0258, 58.6607, 48.4142

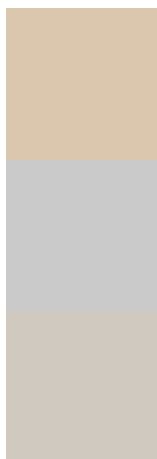
Deuteranomaly

58.7439, 58.7046, 48.2794

Tritanomaly

59.5225, 58.8375, 60.4442

Monochromacy



Original Color

56.8797, 58.7694, 47.8809

Achromatopsia

56.1383, 59.0619, 64.3184

Achromatomaly

56.3030, 58.9448, 57.7002

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.8797, 58.7694, 47.8809 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(218, 199, 173) looks like.

```
.text, #text, p{  
    color:rgb(218, 199, 173)  
}
```

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(218, 199, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 199, 173) }
```

Border

The CSS property to change the border of an element to XYZ 56.8797, 58.7694, 47.8809 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(218, 199, 173) }
```


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

```
.border{ border-color:rgb(218, 199, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 199, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 199, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 199, 173);  
box-shadow:4px 4px 4px 4px rgb(218, 199,  
173) }
```

Background

The CSS property to change the background color of an element to XYZ 56.8797, 58.7694, 47.8809 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 199, 173) }
```

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

```
.background{ background-color: rgb(218,  
199, 173) }
```

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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