

Converting Colors

XYZ(56.0421, 50.9824, 47.6818)

Have a look what the booklet for
XYZ(56.0421, 50.9824, 47.6818)
contains.

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Color

**XYZ(55.8963, 50.9688,
47.4493)**

Conversions

Conversions Part 1

Format	Color
Hex	E6B0AF
RGB	230, 176, 175
RGB Percent	90%, 69%, 69%
CMY	0.0980, 0.3098, 0.3137
CMYK	0.00, 0.23, 0.24, 0.10
HSL	1°, 52%, 79%
HSV	1°, 24%, 90%
XYZ	55.8963, 50.9688, 47.4493
YIQ	192.0320, 32.5050, 11.1370

Conversions

Conversions Part 2

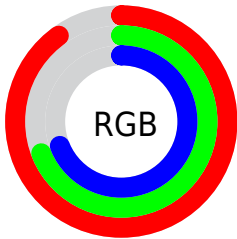
Format	Color
R _Y B	230, 176, 175
Decimal	15118511
CIE Lab	76.66, 19.51, 8.13
CIE LCh	77, 21.136, 22.617
Yxy	50.9688, 0.3622, 0.3303
Android (android.graphics.Color)	4293308591 (0xFFE6B0AF)
YUV	192.0320, -8.3968, 33.2979
Hunter-Lab	71.3924, 14.8188, 10.5690

Details

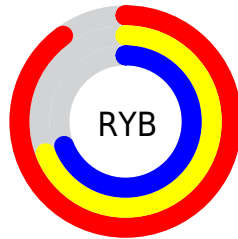
The XYZ color **55.8963, 50.9688, 47.4493** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **59.9806, 70.8636, 85.3799**, and the grayscale version is **50.1569, 52.7690, 57.4655**.

A 20% lighter version of the original color is **84.3795, 84.6864, 86.7617**, and **27.8917, 24.4802, 21.9940** is the 20% darker color. If you saturate the color by 10%, you get **49.7619, 42.0122, 35.1927**, and if you desaturate by 10%, it is **63.1547, 61.5568, 61.9799**.

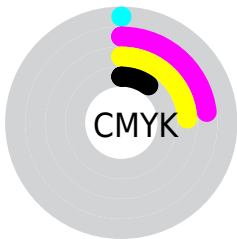
Distribution



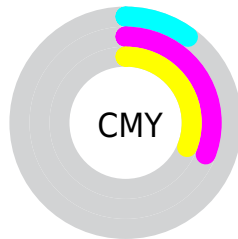
- Red (90%)
- Green (69%)
- Blue (69%)



- Red (90%)
- Yellow (69%)
- Blue (69%)



- Cyan (0%)
- Magenta (23%)
- Yellow (24%)
- Black (10%)





- Cyan (10%)
- Magenta (31%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 55.8963, 50.9688, 47.4493 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 55.8963, 50.9688, 47.4493 by changing the saturation by 10% instead.


 55.8963, 50.9688,
47.4493

 55.8963, 50.9688,
47.4493

399.3819,
390.4426, 393.0507

 40.3565, 36.1838,
33.0341

 97.9936, 91.6087,
87.7409

 28.0020, 24.5762,
21.8812


125.2818,
118.2323, 114.4544

 18.4677, 15.7616,
13.5722


157.2169,
149.5709, 146.1043

 11.3880, 9.3556,
7.6884

194.1641,
186.0089, 183.1094

 6.3976, 4.9738,
3.8113

236.4888,
227.9306, 225.8880

 3.1313, 2.2319,
1.5224

284.5565,

 1.2236, 0.7373,

275.7206, 274.8587

0.2345

338.7324,
329.7631, 330.4401

■ 0.1249, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 55.8963, 50.9688,
47.4493

■ 55.8963, 50.9688,
47.4493

■ 49.7619, 42.0122,
35.1927

■ 63.1547, 61.5568,
61.9799

■ 44.6914, 34.5993,
25.0921

■ 71.5848, 73.8440,
78.8879

■ 40.6255, 28.6450,
17.0238

■ 81.2368, 87.9032,
98.2744

■ 37.4974, 24.0531,
10.8502

■ 86.4432, 95.5631,
108.4972

■ 35.2323, 20.7161,
6.4168

■ 33.7438, 18.5099,
3.5446

■ 32.9280, 17.2856,
2.0165

■ 32.6788, 16.9142,
1.5424

Harmonies

Analogous

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



56.4788, 50.9688, 58.3751



55.8963, 50.9688, 47.4493



53.2655, 50.9688, 39.7697

Triad

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



55.8963, 50.9688, 47.4493



42.5865, 50.9688, 43.1687



47.4627, 50.9688, 80.3315

Complementary

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



55.8963, 50.9688, 47.4493



59.9806, 70.8636, 85.3799

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.



43.9232, 50.9688, 74.9029



55.8963, 50.9688, 47.4493



41.2104, 50.9688, 52.7138

Square

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



55.8963, 50.9688, 47.4493



45.5464, 50.9688, 37.5459



41.6860, 50.9688, 64.4054



51.4627, 50.9688, 78.4131

Rectangle

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



55.8963, 50.9688, 47.4493



50.7786, 50.9688, 37.0182



41.6860, 50.9688, 64.4054



46.1827, 50.9688, 79.2825

Sweetspot

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



55.8977, 50.9712, 47.4503



86.9702, 88.2276, 92.6815



62.1180, 53.1453, 81.1741



18.4737, 18.6781, 19.5538



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.



55.8977, 50.9712, 47.4503



66.3957, 58.2185, 51.4808



61.8259, 62.8276, 49.4264



14.3980, 14.4099, 14.9270



18.5104, 9.5950, 0.8764



1.3754, 0.7240, 0.0673

Inverse Universe

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



59.9806, 70.8636, 85.3799



72.4484, 87.7111, 107.7192



52.9855, 56.8735, 83.0482



14.7837, 16.2888, 18.5092



23.4629, 33.9879, 47.7069



1.7411, 2.5261, 3.5278

Previews

White Background



This preview shows how the XYZ color 55.8963, 50.9688, 47.4493 looks on a white background.

Color Contrast Check

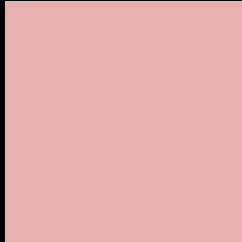
Large Text (above 18pt) WCAG AA × Fail

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 55.8963, 50.9688, 47.4493 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 55.8963, 50.9688, 47.4493

Background



This preview shows how black text looks on a background with the XYZ color 55.8963, 50.9688, 47.4493.



This preview shows how white text looks on a background with the XYZ color 55.8963, 50.9688,

47.4493.

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

55.8963, 50.9688, 47.4493

Protanopia

49.1468, 51.3747, 51.5820

Deuteranopia

52.3050, 51.2191, 47.1739



Tritanopia

57.0607, 50.8489, 53.8211

Trichromacy



Original Color

55.8963, 50.9688, 47.4493

Protanomaly

51.2896, 50.9455, 49.7780

Deuteranomaly

53.4764, 50.9142, 47.0533

Tritanomaly

56.8322, 51.0678, 51.6614

Monochromacy



Original Color

55.8963, 50.9688, 47.4493

Achromatopsia

50.1023, 52.7115, 57.4028

Achromatomaly

51.8754, 51.7848, 53.7157

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.8963, 50.9688, 47.4493 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(230, 176, 175)` looks like.

```
.text, #text, p{  
    color:rgb(230, 176, 175)  
}
```

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(230, 176, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 176, 175) }
```

Border

The CSS property to change the border of an element to XYZ 55.8963, 50.9688, 47.4493 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(230, 176, 175) }
```


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

```
.border{ border-color:rgb(230, 176, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 176, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 176, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 176, 175);  
box-shadow:4px 4px 4px 4px rgb(230, 176,  
175) }
```

Background

The CSS property to change the background color of an element to XYZ 55.8963, 50.9688, 47.4493 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 176, 175) }
```

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

```
.background{ background-color: rgb(230,  
176, 175) }
```

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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