

Converting Colors

XYZ(56.8930, 49.8310, 44.6529)

Have a look what the booklet for
XYZ(56.8930, 49.8310, 44.6529)
contains.

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Color

**XYZ(56.8903, 49.8289,
44.6497)**

Conversions

Conversions Part 1

Format	Color
Hex	E6AAAA
RGB	238, 170, 170
RGB Percent	93%, 67%, 67%
CMY	0.0667, 0.3333, 0.3333
CMYK	0.00, 0.29, 0.29, 0.07
HSL	0°, 67%, 80%
HSV	0°, 29%, 93%
XYZ	56.8903, 49.8289, 44.6497
YIQ	190.3320, 40.5280, 14.4160

Conversions

Conversions Part 2

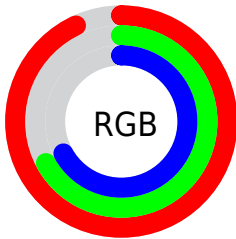
Format	Color
R _Y B	238, 170, 170
Decimal	15641258
CIE Lab	75.96, 24.98, 9.97
CIE LCh	76, 26.896, 21.761
Yxy	49.8289, 0.3758, 0.3292
Android (android.graphics.Color)	4293831338 (0xFFEEAAAA)
YUV	190.3320, -10.0237, 41.8048
Hunter-Lab	70.5896, 20.3268, 11.9103

Details

The XYZ color **56.8903, 49.8289, 44.6497** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **62.5836, 75.8655, 92.2340**, and the grayscale version is **49.1757, 51.7367, 56.3413**.

A 20% lighter version of the original color is **82.0270, 81.0890, 82.5626**, and **28.6874, 23.8543, 20.2319** is the 20% darker color. If you saturate the color by 10%, you get **50.7749, 40.8807, 32.4909**, and if you desaturate by 10%, it is **64.2235, 60.5599, 59.2263**.

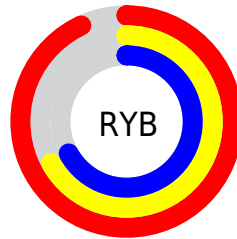
Distribution



Red (93%)

Green (67%)

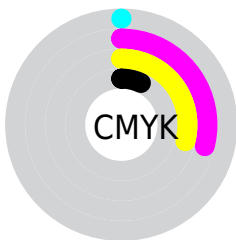
Blue (67%)



Red (93%)

Yellow (67%)

Blue (67%)

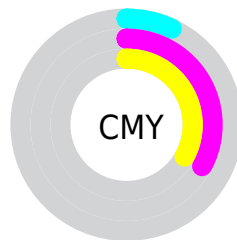


Cyan (0%)

Magenta (29%)

Yellow (29%)

Black (7%)



Cyan (7%)


Magenta (33%)


Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 56.8903, 49.8289, 44.6497 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 56.8903, 49.8289, 44.6497 by changing the saturation by 10% instead.


 56.8903, 49.8289,
44.6497


 56.8903, 49.8289,
44.6497


403.0590,
385.9965, 381.4717

 41.1570, 35.2775,
30.8407

 99.4374, 89.9213,
83.5074

 28.6300, 23.8767,
20.2201


 126.9819,
116.2311, 109.3931

 18.9439, 15.2422,
12.3695


159.1941,
147.2291, 140.1414

 11.7335, 8.9895,
6.8702

196.4394,
183.2997, 176.1710

 6.6334, 4.7344,
3.3039

239.0832,
224.8274, 217.9002

 3.2782, 2.0923,
1.2518

287.4908,

 1.3025, 0.6603,

272.1965, 265.7477

0.0218

342.0276,
325.7914, 320.1320

■ 0.1851, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 56.8903, 49.8289,
44.6497

■ 56.8903, 49.8289,
44.6497

■ 50.7749, 40.8807,
32.4909

■ 64.2235, 60.5599,
59.2263

■ 45.8076, 33.6121,
22.6164

■ 72.8312, 73.1553,
76.3382

■ 41.9181, 27.9206,
14.8845

■ 82.7713, 87.7003,
96.0990

■ 39.0266, 23.6893,
9.1365

■ 89.0699, 96.9172,
108.6201

■ 37.0420, 20.7851,
5.1917

■ 35.8570, 19.0511,
2.8365

■ 35.3157, 18.2588,
1.7606

■ 35.2601, 18.1775,
1.6502

Harmonies

Analogous

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



57.5567, 49.8289, 58.3087



56.8903, 49.8289, 44.6497



53.5818, 49.8289, 35.3308

Triad

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



56.8903, 49.8289, 44.6497



40.1854, 49.8289, 38.8979



45.9928, 49.8289, 86.4232

Complementary

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



56.8903, 49.8289, 44.6497



62.5836, 75.8655, 92.2340

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.



41.6411, 49.8289, 78.9579



56.8903, 49.8289, 44.6497



38.4463, 49.8289, 50.3941

Square

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



56.8903, 49.8289, 44.6497



43.8760, 49.8289, 32.4408



38.9598, 49.8289, 65.1481



51.0255, 49.8289, 84.1487

Rectangle

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



56.8903, 49.8289, 44.6497



50.4427, 49.8289, 32.0307



38.9598, 49.8289, 65.1481



44.4072, 49.8289, 84.9287

Sweetspot

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



56.8916, 49.8313, 44.6507



84.6838, 84.8314, 88.2919



65.0675, 53.1001, 87.7090



17.7929, 17.6702, 18.2363



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.



56.8916, 49.8313, 44.6507



62.3951, 52.2168, 43.9828



64.1088, 64.2656, 47.0564



15.7730, 15.7590, 16.3602



19.6716, 10.1413, 0.9207



1.6365, 0.8437, 0.0766

Inverse Universe

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



62.5836, 75.8655, 92.2340



70.0204, 87.0938, 107.7281



53.6035, 57.9053, 89.2407



16.2473, 17.9288, 20.3259



25.6646, 37.5535, 51.0238



2.1351, 3.1242, 4.2447

Previews

White Background



This preview shows how the XYZ color 56.8903, 49.8289, 44.6497 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 56.8903, 49.8289, 44.6497 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 56.8903, 49.8289, 44.6497

Background



This preview shows how black text looks on a background with the XYZ color 56.8903, 49.8289, 44.6497.



This preview shows how white text looks on a background with the XYZ color 56.8903, 49.8289,

44.6497.

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

56.8903, 49.8289, 44.6497

Protanopia

47.8993, 50.1328, 49.7999

Deuteranopia

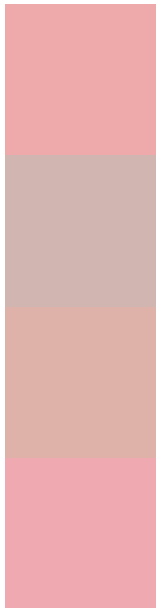
51.0323, 50.0210, 44.0111



Tritanopia

57.9397, 49.6922, 50.2539

Trichromacy



Original Color

56.8903, 49.8289, 44.6497

Protanomaly

50.6548, 49.7376, 48.0048

Deuteranomaly

53.0078, 49.8384, 44.3621

Tritanomaly

57.7204, 49.9010, 48.1846

Monochromacy



Original Color

56.8903, 49.8289, 44.6497

Achromatopsia

48.9429, 51.4918, 56.0745

Achromatomaly

51.2129, 50.5513, 51.8579

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.8903, 49.8289, 44.6497 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(238, 170, 170)` looks like.

```
.text, #text, p{  
    color:rgb(238, 170, 170)  
}
```

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(238, 170, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 170, 170) }
```

Border

The CSS property to change the border of an element to XYZ 56.8903, 49.8289, 44.6497 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(238, 170, 170) }
```


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

```
.border{ border-color:rgb(238, 170, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(238, 170, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 170, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 170, 170);  
box-shadow:4px 4px 4px 4px rgb(238, 170,  
170) }
```

Background

The CSS property to change the background color of an element to XYZ 56.8903, 49.8289, 44.6497 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 170, 170) }
```

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

```
.background{ background-color: rgb(238,  
170, 170) }
```

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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