

Converting Colors

XYZ(56.1781, 51.5589, 44.4489)

Have a look what the booklet for
XYZ(56.1781, 51.5589, 44.4489)
contains.

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Color

**XYZ(56.1623, 51.4647,
44.5097)**

Conversions

Conversions Part 1

Format	Color
Hex	E8B1A9
RGB	232, 177, 169
RGB Percent	91%, 69%, 66%
CMY	0.0902, 0.3059, 0.3372
CMYK	0.00, 0.24, 0.27, 0.09
HSL	8°, 58%, 79%
HSV	8°, 27%, 91%
XYZ	56.1623, 51.4647, 44.5097
YIQ	192.5330, 35.3480, 9.1720

Conversions

Conversions Part 2

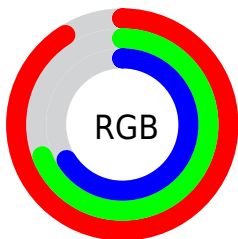
Format	Color
R _Y B	232, 178, 169
Decimal	15249833
CIE Lab	76.96, 18.88, 11.84
CIE LCh	77, 22.289, 32.095
Yxy	51.4647, 0.3692, 0.3383
Android (android.graphics.Color)	4293439913 (0xFFE8B1A9)
YUV	192.5330, -11.6018, 34.6126
Hunter-Lab	71.7389, 14.1994, 13.4313

Details

The XYZ color **56.1623, 51.4647, 44.5097** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **57.5825, 67.5704, 86.3516**, and the grayscale version is **50.4671, 53.0953, 57.8208**.

A 20% lighter version of the original color is **83.8335, 84.9196, 82.4936**, and **28.0977, 24.8136, 20.1382** is the 20% darker color. If you saturate the color by 10%, you get **50.4670, 43.2557, 32.8024**, and if you desaturate by 10%, it is **62.8405, 61.0204, 58.4523**.

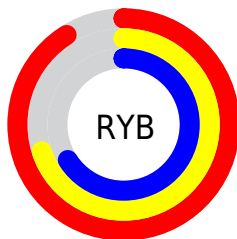
Distribution



Red (91%)

Green (69%)

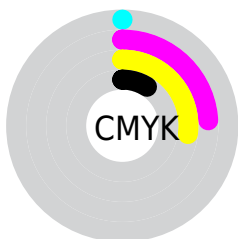
Blue (66%)



Red (91%)

Yellow (70%)

Blue (66%)

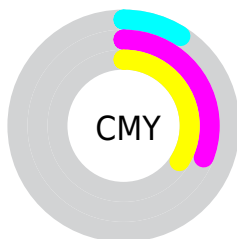


Cyan (0%)

Magenta (24%)

Yellow (27%)

Black (9%)



Cyan (9%)


Magenta (31%)


Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 56.1623, 51.4647, 44.5097 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 56.1623, 51.4647, 44.5097 by changing the saturation by 10% instead.


 56.1623, 51.4647,
44.5097

 56.1623, 51.4647,
44.5097


400.3680,
392.3666, 380.8862

 40.5706, 36.5786,
30.7313


 98.3803, 92.3413,
83.2948

 28.1699, 24.8814,
20.1376


125.7372,
119.1006, 109.1386

 18.5949, 15.9887,
12.3100


157.7466,
150.5863, 139.8412

 11.4802, 9.5162,
6.8301

194.7739,
187.1830, 175.8212

 6.4604, 5.0794,
3.2792

237.1843,
229.2750, 217.4972

 3.1703, 2.2939,
1.2389

285.3432,

 1.2445, 0.7705,

277.2466, 265.2877

0.0109

339.6159,
331.4824, 319.6112

■ 0.1410, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 56.1623, 51.4647,
44.5097

■ 56.1623, 51.4647,
44.5097

■ 50.4670, 43.2557,
32.8024

■ 62.8405, 61.0204,
58.4523

■ 45.7040, 36.3258,
23.2110

■ 70.5408, 71.9721,
74.7348

■ 41.8243, 30.6127,
15.6097

■ 79.3054, 84.3753,
93.4591

■ 38.7729, 26.0456,
9.8580

■ 87.0888, 95.8959,
108.5274

■ 36.4883, 22.5467,
5.7971

■ 34.9003, 20.0280,
3.2414

■ 33.9231, 18.3866,
1.9506

■ 33.7300, 18.0582,
1.7078

Harmonies

Analogous

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



57.5353, 51.4647, 55.1859



56.1623, 51.4647, 44.5097



52.8364, 51.4647, 37.8109

Triad

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



56.1623, 51.4647, 44.5097



42.0504, 51.4647, 45.7916



49.2147, 51.4647, 82.7970

Complementary

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



56.1623, 51.4647, 44.5097



57.5825, 67.5704, 86.3516

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.



45.1938, 51.4647, 79.3401



56.1623, 51.4647, 44.5097



41.2030, 51.4647, 56.8954

Square

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



56.1623, 51.4647, 44.5097



44.7052, 51.4647, 38.4723



42.3208, 51.4647, 69.3987



53.3825, 51.4647, 78.2672

Rectangle

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



56.1623, 51.4647, 44.5097



50.0469, 51.4647, 35.9229



42.3208, 51.4647, 69.3987



47.8016, 51.4647, 82.5294

Sweetspot

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



56.1637, 51.4671, 44.5107



86.5175, 87.9147, 90.7039



61.0100, 50.9495, 77.6030



18.1953, 18.3588, 18.7289



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.



56.1637, 51.4671, 44.5107



65.2107, 57.4632, 46.1077



62.9599, 65.0595, 46.7761



14.5238, 14.6616, 14.9689



18.7751, 10.1244, 0.9646



1.4356, 0.8445, 0.0873

Inverse Universe

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



57.5825, 67.5704, 86.3516



67.2554, 80.7479, 106.6489



50.0313, 52.4681, 83.8346



14.6430, 16.0074, 18.4623



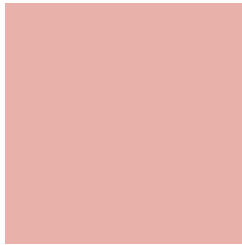
19.9445, 26.9510, 46.5341



1.5177, 2.0794, 3.4533

Previews

White Background



This preview shows how the XYZ color 56.1623, 51.4647, 44.5097 looks on a white background.

Color Contrast Check

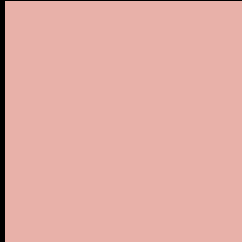
Large Text (above 18pt) WCAG AA × Fail

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 56.1623, 51.4647, 44.5097 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 56.1623, 51.4647, 44.5097

Background



This preview shows how black text looks on a background with the XYZ color 56.1623, 51.4647, 44.5097.



This preview shows how white text looks on a background with the XYZ color 56.1623, 51.4647,

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

56.1623, 51.4647, 44.5097

Protanopia

49.2759, 51.8318, 48.4817

Deuteranopia

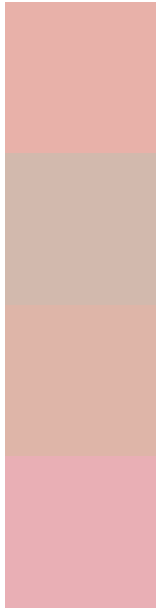
52.6166, 51.4458, 44.2026



Tritanopia

58.1448, 51.3954, 54.4327

Trichromacy



Original Color

56.1623, 51.4647, 44.5097

Protanomaly

51.4701, 51.4167, 46.7468

Deuteranomaly

53.7160, 51.4045, 44.1367

Tritanomaly

57.2747, 51.3198, 50.6031

Monochromacy



Original Color

56.1623, 51.4647, 44.5097

Achromatopsia

50.6879, 53.3276, 58.0738

Achromatomaly

52.1542, 52.2667, 52.6871

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.1623, 51.4647, 44.5097 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(232, 177, 169)` looks like.

```
.text, #text, p{  
    color:rgb(232, 177, 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(232, 177, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 177, 169) }
```

Border

The CSS property to change the border of an element to XYZ 56.1623, 51.4647, 44.5097 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(232, 177, 169) }
```


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

```
.border{ border-color:rgb(232, 177, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 177, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 177, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 177, 169);  
box-shadow:4px 4px 4px 4px rgb(232, 177,  
169) }
```

Background

The CSS property to change the background color of an element to XYZ 56.1623, 51.4647, 44.5097 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 177, 169) }
```

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

```
.background{ background-color: rgb(232,  
177, 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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