

Converting Colors

XYZ(56.3333, 52.9619, 48.8623)

Have a look what the booklet for
XYZ(56.3333, 52.9619, 48.8623)
contains.

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Color

**XYZ(56.3423, 52.9611,
48.8479)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | E3B6B1 |
| RGB | 227, 182, 177 |
| RGB Percent | 89%, 71%, 69% |
| CMY | 0.1098, 0.2863, 0.3059 |
| CMYK | 0.00, 0.20, 0.22, 0.11 |
| HSL | 6°, 47%, 79% |
| HSV | 6°, 22%, 89% |
| XYZ | 56.3423, 52.9611, 48.8479 |
| YIQ | 194.8850, 28.4250, 7.9850 |

Conversions

Conversions Part 2

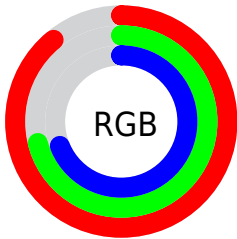
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 227, 183, 177 |
| Decimal | 14923441 |
| CIE Lab | 77.85, 15.48, 8.71 |
| CIE LCh | 78, 17.765, 29.352 |
| Yxy | 52.9611, 0.3563, 0.3349 |
| Android (android.graphics.Color) | 4293113521 (0xFFE3B6B1) |
| YUV | 194.8850, -8.8173, 28.1649 |
| Hunter-Lab | 72.7744, 10.8405, 11.1452 |

Details

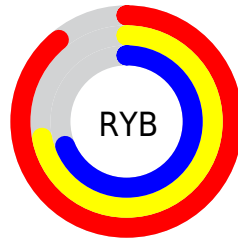
The XYZ color **56.3423, 52.9611, 48.8479** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **58.1172, 67.1339, 82.5684**, and the grayscale version is **51.8435, 54.5434, 59.3977**.

A 20% lighter version of the original color is **86.5225, 88.2923, 89.5727**, and **28.2829, 25.8137, 22.5606** is the 20% darker color. If you saturate the color by 10%, you get **50.3826, 44.3662, 36.6116**, and if you desaturate by 10%, it is **63.2916, 62.9320, 63.2720**.

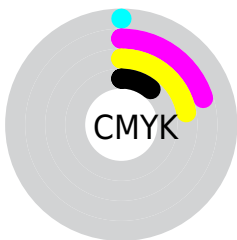
Distribution



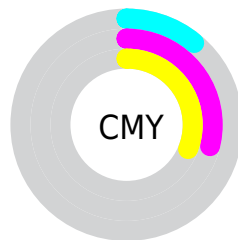
- Red (89%)
- Green (71%)
- Blue (69%)



- Red (89%)
- Yellow (72%)
- Blue (69%)



- Cyan (0%)
- Magenta (20%)
- Yellow (22%)
- Black (11%)





- Cyan (11%)
- Magenta (29%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 56.3423, 52.9611, 48.8479 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 56.3423, 52.9611, 48.8479 by changing the saturation by 10% instead.

 56.3423, 52.9611,
48.8479

 56.3423, 52.9611,
48.8479


401.0344,
398.1359, 398.7485

 40.7155, 37.7717,
34.1341


 98.6418, 94.5471,
89.8442

 28.2835, 25.8056,
22.7184


126.0452,
121.7126, 116.9637

 18.6811, 16.6782,
14.1824


158.1049,
153.6388, 149.0555

 11.5427, 10.0053,
8.1074

195.1861,
190.7102, 186.5382

 6.5031, 5.4025,
4.0750

237.6544,
233.3113, 229.8303

 3.1969, 2.4853,
1.6666

285.8749,

 1.2587, 0.8693,

281.8263, 279.3504

0.3377

340.2131,
336.6397, 335.5169

■ 0.1520, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 56.3423, 52.9611,
48.8479

■ 56.3423, 52.9611,
48.8479

■ 50.3826, 44.3662,
36.6116

■ 63.2916, 62.9320,
63.2720

■ 45.3632, 37.0799,
26.4532

■ 71.2681, 74.3279,
79.9801

■ 41.2373, 31.0401,
18.2580

■ 80.3130, 87.2045,
99.0666

■ 37.9519, 26.1768,
11.8990

■ 85.4887, 95.0710,
108.4525

■ 35.4488, 22.4131,
7.2342

■ 33.6620, 19.6627,
4.1008

■ 32.5145, 17.8266,
2.3038

■ 31.9796, 16.9327,
1.5828

Harmonies

Analogous

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



57.2646, 52.9611, 57.8806



56.3423, 52.9611, 48.8479



53.7947, 52.9611, 42.8207

Triad

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



56.3423, 52.9611, 48.8479



44.8454, 52.9611, 48.5158



50.2630, 52.9611, 78.8181

Complementary

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



56.3423, 52.9611, 48.8479



58.1172, 67.1339, 82.5684

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.



47.0325, 52.9611, 75.5971



56.3423, 52.9611, 48.8479



43.9936, 52.9611, 57.4512

Square

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



56.3423, 52.9611, 48.8479



47.1567, 52.9611, 42.6449



44.7761, 52.9611, 67.4854



53.6591, 52.9611, 75.8546

Rectangle

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



56.3423, 52.9611, 48.8479



51.5732, 52.9611, 40.9416



44.7761, 52.9611, 67.4854



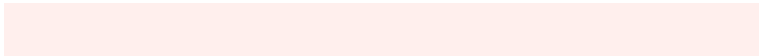
49.1225, 52.9611, 78.4175

Sweetspot

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



56.3437, 52.9635, 48.8490



87.3959, 89.0791, 92.8234



60.5860, 53.0497, 76.1540



18.5719, 18.8745, 19.5866



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.



56.3437, 52.9635, 48.8490



69.9832, 64.1020, 56.6580



61.9277, 64.1314, 50.7103



14.4925, 14.5988, 14.9585



18.6892, 9.9525, 0.9360



1.4206, 0.8146, 0.0824

Inverse Universe

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



58.1172, 67.1339, 82.5684



72.6414, 85.3595, 107.2552



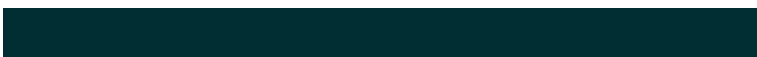
51.9634, 54.8263, 80.5172



14.6777, 16.0768, 18.4739



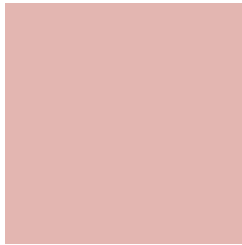
20.7673, 28.5966, 46.8083



1.5705, 2.1849, 3.4709

Previews

White Background



This preview shows how the XYZ color 56.3423, 52.9611, 48.8479 looks on a white background.

Color Contrast Check

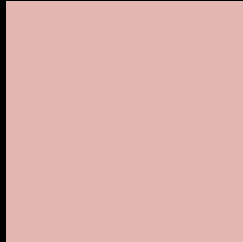
Large Text (above 18pt) WCAG AA × Fail

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 56.3423, 52.9611, 48.8479 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

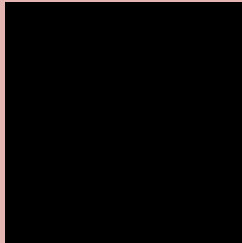
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 56.3423, 52.9611, 48.8479

Background



This preview shows how black text looks on a background with the XYZ color 56.3423, 52.9611, 48.8479.



This preview shows how white text looks on a background with the XYZ color 56.3423, 52.9611,

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

56.3423, 52.9611, 48.8479

Protanopia

50.8463, 53.2188, 51.8483

Deuteranopia

54.0107, 53.0041, 48.4584



Tritanopia

58.2600, 53.1508, 57.6406

Trichromacy



Original Color

56.3423, 52.9611, 48.8479

Protanomaly

52.5159, 52.8170, 50.6068

Deuteranomaly

55.0042, 53.2047, 48.4448

Tritanomaly

57.4884, 53.1296, 54.2388

Monochromacy



Original Color

56.3423, 52.9611, 48.8479

Achromatopsia

51.8711, 54.5724, 59.4294

Achromatomaly

53.2227, 53.7231, 55.1414

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.3423, 52.9611, 48.8479 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(227, 182, 177)` looks like.

```
.text, #text, p{  
  color:rgb(227, 182, 177)  
}
```

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(227, 182, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 182, 177) }
```

Border

The CSS property to change the border of an element to XYZ 56.3423, 52.9611, 48.8479 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(227, 182, 177) }
```


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

```
.border{ border-color:rgb(227, 182, 177) }
```

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

Here you see how a box with a 4 pixel rgb(227, 182, 177) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 182, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 182, 177);  
box-shadow:4px 4px 4px 4px rgb(227, 182,  
177) }
```

Background

The CSS property to change the background color of an element to XYZ 56.3423, 52.9611, 48.8479 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 182, 177) }
```

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

```
.background{ background-color: rgb(227,  
182, 177) }
```

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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