

Converting Colors

XYZ(51.7952, 45.9423, 39.3956)

Have a look what the booklet for
XYZ(51.7952, 45.9423, 39.3956)
contains.

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Color

**XYZ(51.7952, 45.9423,
39.3956)**

Conversions

Conversions Part 1

Format	Color
Hex	E4A5A0
RGB	228, 165, 160
RGB Percent	89%, 65%, 63%
CMY	0.1059, 0.3529, 0.3725
CMYK	0.00, 0.28, 0.30, 0.11
HSL	4°, 56%, 76%
HSV	4°, 30%, 89%
XYZ	51.7952, 45.9423, 39.3956
YIQ	183.2670, 39.1530, 11.8010

Conversions

Conversions Part 2

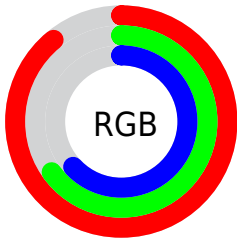
Format	Color
R _Y B	228, 165, 160
Decimal	14984608
CIE Lab	73.51, 22.59, 11.81
CIE LCh	74, 25.491, 27.599
Yxy	45.9423, 0.3777, 0.3350
Android (android.graphics.Color)	4293174688 (0xFFE4A5A0)
YUV	183.2670, -11.4706, 39.2308
Hunter-Lab	67.7807, 17.7859, 12.9859

Details

The XYZ color **51.7952, 45.9423, 39.3956** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **54.8876, 65.8483, 83.2160**, and the grayscale version is **45.2033, 47.5574, 51.7900**.

A 20% lighter version of the original color is **79.0989, 77.3527, 75.0516**, and **25.4600, 21.5723, 17.2900** is the 20% darker color. If you saturate the color by 10%, you get **46.4804, 38.2172, 28.6696**, and if you desaturate by 10%, it is **58.1074, 55.0763, 52.2596**.

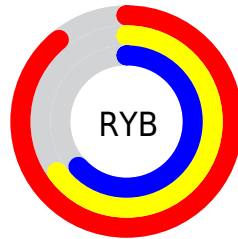
Distribution



Red (89%)

Green (65%)

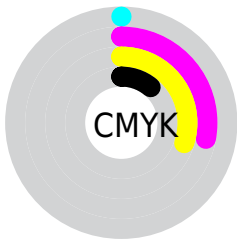
Blue (63%)



Red (89%)

Yellow (65%)

Blue (63%)

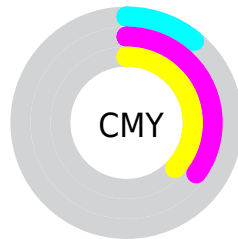


Cyan (0%)

Magenta (28%)

Yellow (30%)

Black (11%)



Cyan (11%)


Magenta (35%)


Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 51.7952, 45.9423, 39.3956 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 51.7952, 45.9423, 39.3956 by changing the saturation by 10% instead.


 51.7952, 45.9423,
39.3956


 51.7952, 45.9423,
39.3956


383.9824,
370.5766, 359.0455

 37.0655, 32.2003,
26.7574


 92.0051, 84.1326,
75.4693

 25.4321, 21.5145,
17.1603


 118.2161,
109.3498, 99.7418

 16.5297, 13.5006,
10.1857


148.9848,
139.1607, 128.7296

 9.9930, 7.7742,
5.4150

184.6766,
173.9499, 162.8511

 5.4565, 3.9508,
2.4298

225.6569,
214.1016, 202.5249

 2.5550, 1.6461,
0.8026

272.2911,

 0.9231, 0.3884,

260.0004, 248.1696

0.0000

324.9445,
312.0306, 300.2036

■ 0.0000, 0.0000,
0.0000

■ 51.7952, 45.9423,
39.3956

■ 51.7952, 45.9423,
39.3956

■ 46.4804, 38.2172,
28.6696

■ 58.1074, 55.0763,
52.2596

■ 42.1086, 31.8249,
19.9631

■ 65.4606, 65.6777,
67.3659

■ 38.6254, 26.6918,
13.1503

■ 73.9002, 77.8094,
84.8151

■ 35.9697, 22.7346,
8.0903

■ 83.4679, 91.5289,
104.7010

■ 34.0725, 19.8600,
4.6224

■ 85.8050, 95.2340,
108.4673

■ 32.8535, 17.9605,
2.5564

■ 32.2000, 16.9005,
1.5765

■ 32.1920, 16.8881,
1.5630

Harmonies

Analogous

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



52.8981, 45.9423, 51.0689



51.7952, 45.9423, 39.3956



48.4708, 45.9423, 31.8771

Triad

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



51.7952, 45.9423, 39.3956



36.7589, 45.9423, 37.8817



43.3052, 45.9423, 79.1023

Complementary

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



51.7952, 45.9423, 39.3956



54.8876, 65.8483, 83.2160

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.



39.1911, 45.9423, 74.0075



51.7952, 45.9423, 39.3956



35.5773, 45.9423, 48.9922

Square

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



51.7952, 45.9423, 39.3956



39.7783, 45.9423, 31.1144



36.4366, 45.9423, 62.4088



47.8007, 45.9423, 75.3638

Rectangle

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



51.7952, 45.9423, 39.3956



45.5520, 45.9423, 29.5089



36.4366, 45.9423, 62.4088



41.8343, 45.9423, 78.3493

Sweetspot

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



51.7964, 45.9445, 39.3965



85.1612, 85.7862, 88.4511



57.9484, 46.9890, 76.1581



17.9092, 17.9029, 18.2750



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.



51.7964, 45.9445, 39.3965



62.2353, 52.6445, 41.6256



58.6566, 59.6649, 41.6833



14.4618, 14.5374, 14.9482



18.6207, 9.8156, 0.9132



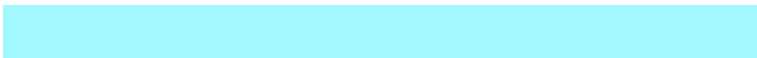
1.4060, 0.7853, 0.0775

Inverse Universe

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



54.8876, 65.8483, 83.2160



66.8377, 82.3126, 106.9729



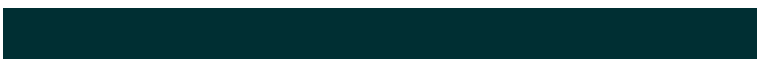
46.7994, 49.6718, 80.5200



14.7119, 16.1452, 18.4853



21.6069, 30.2760, 47.0882



1.6239, 2.2918, 3.4887

Previews

White Background



This preview shows how the XYZ color 51.7952, 45.9423, 39.3956 looks on a white background.

Color Contrast Check

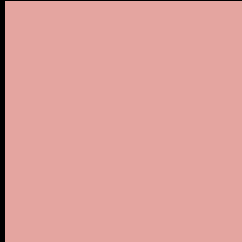
Large Text (above 18pt) WCAG AA × Fail

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 51.7952, 45.9423, 39.3956 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

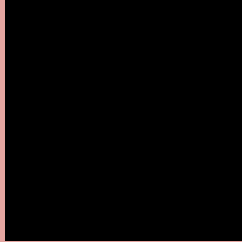
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 51.7952, 45.9423, 39.3956

Background



This preview shows how black text looks on a background with the XYZ color 51.7952, 45.9423, 39.3956.



This preview shows how white text looks on a background with the XYZ color 51.7952, 45.9423,

39.3956.

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

51.7952, 45.9423, 39.3956

Protanopia

43.8827, 46.0345, 43.6185

Deuteranopia

47.0397, 46.0061, 38.7486



Tritanopia

53.4682, 46.1125, 46.6400

Trichromacy



Original Color

51.7952, 45.9423, 39.3956

Protanomaly

46.4786, 45.9331, 42.0136

Deuteranomaly

48.8452, 46.0761, 39.1200

Tritanomaly

52.8443, 46.1112, 44.1454

Monochromacy



Original Color

51.7952, 45.9423, 39.3956

Achromatopsia

45.0092, 47.3531, 51.5676

Achromatomaly

46.8164, 46.2879, 47.0244

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.7952, 45.9423, 39.3956 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(228, 165, 160)` looks like.

```
.text, #text, p{  
    color:rgb(228, 165, 160)  
}
```

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(228, 165, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 165, 160) }
```

Border

The CSS property to change the border of an element to XYZ 51.7952, 45.9423, 39.3956 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(228, 165, 160) }
```


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

```
.border{ border-color:rgb(228, 165, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(228, 165, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 165, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 165, 160);  
box-shadow:4px 4px 4px 4px rgb(228, 165,  
160) }
```

Background

The CSS property to change the background color of an element to XYZ 51.7952, 45.9423, 39.3956 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 165, 160) }
```

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

```
.background{ background-color: rgb(228,  
165, 160) }
```

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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