

Converting Colors

XYZ(50.4183, 44.1687, 39.5868)

Have a look what the booklet for
XYZ(50.4183, 44.1687, 39.5868)
contains.

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Color

**XYZ(50.5419, 44.2317,
39.5919)**

Conversions

Conversions Part 1

Format	Color
Hex	E2A1A1
RGB	226, 161, 161
RGB Percent	89%, 63%, 63%
CMY	0.1137, 0.3686, 0.3686
CMYK	0.00, 0.29, 0.29, 0.11
HSL	0°, 53%, 76%
HSV	0°, 29%, 89%
XYZ	50.5419, 44.2317, 39.5919
YIQ	180.4350, 38.7400, 13.7800

Conversions

Conversions Part 2

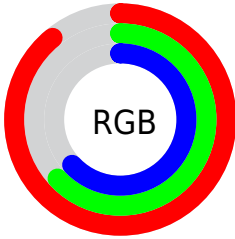
Format	Color
R_{YB}	226, 161, 161
Decimal	14852513
CIE _{Lab}	72.38, 24.12, 9.63
CIE _{LCh}	72, 25.971, 21.773
Yxy	44.2317, 0.3762, 0.3292
Android (android.graphics.Color)	4293042593 (0xFFE2A1A1)
YUV	180.4350, -9.5815, 39.9605
Hunter-Lab	66.5069, 19.2639, 11.2592

Details

The XYZ color **50.5419, 44.2317, 39.5919** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **55.6208, 67.4584, 82.0409**, and the grayscale version is **43.6526, 45.9259, 50.0133**.

A 20% lighter version of the original color is **78.1905, 75.3296, 75.3847**, and **24.6453, 20.4981, 17.4094** is the 20% darker color. If you saturate the color by 10%, you get **45.1277, 36.3095, 28.8272**, and if you desaturate by 10%, it is **57.0324, 53.7295, 52.4934**.

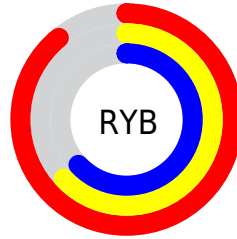
Distribution



Red (89%)

Green (63%)

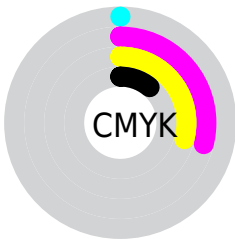
Blue (63%)



Red (89%)

Yellow (63%)

Blue (63%)

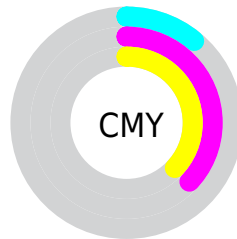


Cyan (0%)

Magenta (29%)

Yellow (29%)

Black (11%)



Cyan (11%)


Magenta (37%)


Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 50.5419, 44.2317, 39.5919 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 50.5419, 44.2317, 39.5919 by changing the saturation by 10% instead.


 50.5419, 44.2317,
39.5919


 50.5419, 44.2317,
39.5919

379.1984,
363.6529, 359.9013

 36.0637, 30.8527,
26.9091


 90.1643, 81.5663,
75.7719

 24.6538, 20.4867,
17.2732


 116.0392,
106.2907, 100.1063

 15.9466, 12.7493,
10.2654


146.4438,
135.5656, 129.1616

 9.5770, 7.2562,
5.4674

181.7433,
169.7755, 163.3564

 5.1795, 3.6228,
2.4605

222.3032,
209.3049, 203.1092

 2.3888, 1.4649,
0.8191

268.4887,

 0.8395, 0.2638,

254.5379, 248.8386

0.0000

320.6654,
305.8592, 300.9631

■ 0.0000, 0.0000,
0.0000

■ 50.5419, 44.2317,
39.5919

■ 50.5419, 44.2317,
39.5919

■ 45.1277, 36.3095,
28.8272

■ 57.0324, 53.7295,
52.4934

■ 40.7283, 29.8719,
20.0816

■ 64.6492, 64.8750,
67.6355

■ 37.2817, 24.8284,
13.2301

■ 73.4435, 77.7434,
85.1183

■ 34.7173, 21.0759,
8.1326

■ 83.4621, 92.4033,
105.0354

■ 32.9551, 18.4972,
4.6298

■ 85.1741, 94.9088,
108.4378

■ 31.9005, 16.9539,
2.5336

■ 31.4100, 16.2361,
1.5588

■ 31.3643, 16.1691,
1.4679

Harmonies

Analogous

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



51.1377, 44.2317, 51.7709



50.5419, 44.2317, 39.5919



47.5888, 44.2317, 31.2908

Triad

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



50.5419, 44.2317, 39.5919



35.6417, 44.2317, 34.4741



40.8226, 44.2317, 76.8742

Complementary

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



50.5419, 44.2317, 39.5919



55.6208, 67.4584, 82.0409

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.



36.9418, 44.2317, 70.2108



50.5419, 44.2317, 39.5919



34.0924, 44.2317, 44.7225

Square

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



50.5419, 44.2317, 39.5919



38.9315, 44.2317, 28.7214



34.5509, 44.2317, 57.8846



45.3116, 44.2317, 74.8391

Rectangle

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



50.5419, 44.2317, 39.5919



44.7880, 44.2317, 28.3536



34.5509, 44.2317, 57.8846



39.4085, 44.2317, 75.5406

Sweetspot

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



50.5431, 44.2338, 39.5928



84.6837, 84.8313, 88.2919



57.8366, 47.1499, 78.0042



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.



50.5431, 44.2338, 39.5928



61.6920, 51.1880, 42.5850



56.9780, 57.1037, 41.7378



13.7074, 13.7007, 14.2288



17.8933, 9.2246, 0.8374



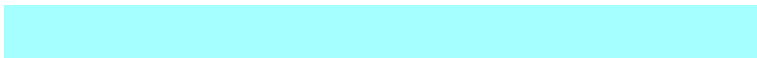
1.2403, 0.6395, 0.0581

Inverse Universe

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



55.6208, 67.4584, 82.0409



69.4815, 86.8159, 107.7028



47.6065, 51.4298, 79.3695



14.1165, 15.5722, 17.6494



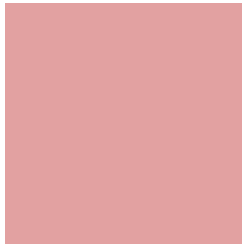
23.3446, 34.1587, 46.4113



1.6181, 2.3677, 3.2170

Previews

White Background



This preview shows how the XYZ color 50.5419, 44.2317, 39.5919 looks on a white background.

Color Contrast Check

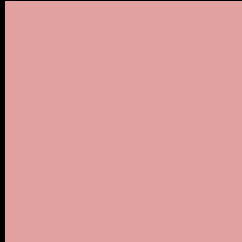
Large Text (above 18pt) WCAG AA × Fail

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 50.5419, 44.2317, 39.5919 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

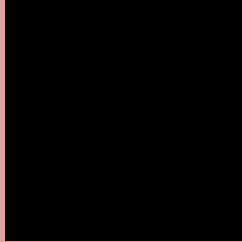
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 50.5419, 44.2317, 39.5919

Background



This preview shows how black text looks on a background with the XYZ color 50.5419, 44.2317, 39.5919.



This preview shows how white text looks on a background with the XYZ color 50.5419, 44.2317,

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

50.5419, 44.2317, 39.5919

Protanopia

42.5063, 44.4138, 44.3626

Deuteranopia

45.1780, 44.1856, 38.9484



Tritanopia

51.5231, 44.1057, 44.8274

Trichromacy



Original Color

50.5419, 44.2317, 39.5919

Protanomaly

45.0911, 44.0580, 42.6867

Deuteranomaly

47.0278, 44.0244, 39.2766

Tritanomaly

51.3172, 44.2997, 42.8918

Monochromacy



Original Color

50.5419, 44.2317, 39.5919

Achromatopsia

43.3819, 45.6411, 49.7032

Achromatomaly

45.5124, 44.7746, 45.7788

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.5419, 44.2317, 39.5919 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(226, 161, 161)` looks like.

```
.text, #text, p{  
    color:rgb(226, 161, 161)  
}
```

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(226, 161, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 161, 161) }
```

Border

The CSS property to change the border of an element to XYZ 50.5419, 44.2317, 39.5919 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(226, 161, 161) }
```


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

```
.border{ border-color:rgb(226, 161, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 161, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 161, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 161, 161);  
box-shadow:4px 4px 4px 4px rgb(226, 161,  
161) }
```

Background

The CSS property to change the background color of an element to XYZ 50.5419, 44.2317, 39.5919 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 161, 161) }
```

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

```
.background{ background-color: rgb(226,  
161, 161) }
```

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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