

Converting Colors

XYZ(50.8565, 44.0987, 38.9967)

Have a look what the booklet for
XYZ(50.8565, 44.0987, 38.9967)
contains.

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Color

**XYZ(50.9109, 44.1737,
39.1008)**

Conversions

Conversions Part 1

Format	Color
Hex	E4A0A0
RGB	228, 160, 160
RGB Percent	89%, 63%, 63%
CMY	0.1059, 0.3725, 0.3725
CMYK	0.00, 0.30, 0.30, 0.11
HSL	0°, 56%, 76%
HSV	0°, 30%, 89%
XYZ	50.9109, 44.1737, 39.1008
YIQ	180.3320, 40.5280, 14.4160

Conversions

Conversions Part 2

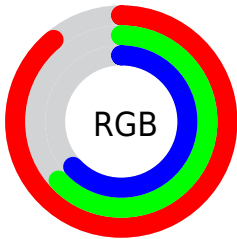
Format	Color
R _Y B	228, 160, 160
Decimal	14983328
CIE Lab	72.34, 25.27, 10.16
CIE LCh	72, 27.235, 21.904
Yxy	44.1737, 0.3794, 0.3292
Android (android.graphics.Color)	4293173408 (0xFFE4A0A0)
YUV	180.3320, -10.0237, 41.8048
Hunter-Lab	66.4633, 20.4203, 11.6436

Details

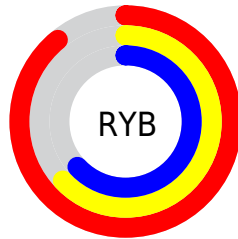
The XYZ color **50.9109, 44.1737, 39.1008** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **56.2432, 68.5595, 83.6679**, and the grayscale version is **43.5988, 45.8693, 49.9517**.

A 20% lighter version of the original color is **77.8062, 74.7672, 74.6207**, and **24.9175, 20.4872, 17.1091** is the 20% darker color. If you saturate the color by 10%, you get **45.5000, 36.2563, 28.3427**, and if you desaturate by 10%, it is **57.4147, 53.6910, 52.0287**.

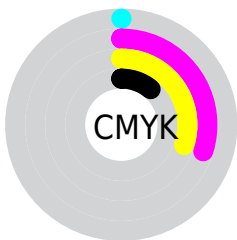
Distribution



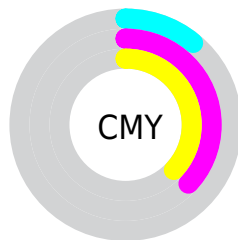
- Red (89%)
- Green (63%)
- Blue (63%)



- Red (89%)
- Yellow (63%)
- Blue (63%)



- Cyan (0%)
- Magenta (30%)
- Yellow (30%)
- Black (11%)





- Cyan (11%)
- Magenta (37%)
- Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 50.9109, 44.1737, 39.1008 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 50.9109, 44.1737, 39.1008 by changing the saturation by 10% instead.


 50.9109, 44.1737,
39.1008


 50.9109, 44.1737,
39.1008


380.6109,
363.4166, 357.7576

 36.3585, 30.8071,
26.5297


 90.7068, 81.4791,
75.0143

 24.8826, 20.4520,
16.9910


 116.6810,
106.1866, 99.1938

 16.1178, 12.7240,
10.0662


147.1932,
135.4432, 128.0799

 9.6990, 7.2388,
5.3367

182.6087,
169.6333, 162.0911

 5.2605, 3.6119,
2.3840

223.2928,
209.1413, 201.6459

 2.4373, 1.4589,
0.7777

269.6110,

 0.8637, 0.2595,

254.3516, 247.1629

0.0000

321.9286,
305.6486, 299.0606

■ 0.0000, 0.0000,
0.0000

■ 50.9109, 44.1737,
39.1008

■ 50.9109, 44.1737,
39.1008

■ 45.5000, 36.2563,
28.3427

■ 57.4147, 53.6910,
52.0287

■ 41.1187, 29.8452,
19.6331

■ 65.0630, 64.8825,
67.2333

■ 37.7029, 24.8468,
12.8428

■ 73.9083, 77.8256,
84.8177

■ 35.1796, 21.1544,
7.8269

■ 83.9989, 92.5909,
104.8779

■ 33.4657, 18.6463,
4.4201

■ 85.8050, 95.2340,
108.4673

■ 32.4623, 17.1781,
2.4260

■ 32.0017, 16.5039,
1.5104

■ 31.9952, 16.4944,
1.4974

Harmonies

Analogous

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



51.5509, 44.1737, 51.8235



50.9109, 44.1737, 39.1008



47.7928, 44.1737, 30.5169

Triad

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



50.9109, 44.1737, 39.1008



35.2878, 44.1737, 33.8711



40.7298, 44.1737, 78.4286

Complementary

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



50.9109, 44.1737, 39.1008



56.2432, 68.5595, 83.6679

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.



36.6693, 44.1737, 71.3924



50.9109, 44.1737, 39.1008



33.6836, 44.1737, 44.5548

Square

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



50.9109, 44.1737, 39.1008



38.7140, 44.1737, 27.9118



34.1699, 44.1737, 58.3784



45.4369, 44.1737, 76.2256

Rectangle

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



50.9109, 44.1737, 39.1008



44.8466, 44.1737, 27.5059



34.1699, 44.1737, 58.3784



39.2493, 44.1737, 77.0253

Sweetspot

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



50.9121, 44.1758, 39.1017



84.6837, 84.8313, 88.2919



58.5696, 47.2375, 79.4297



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.



50.9121, 44.1758, 39.1017



61.0027, 50.1793, 41.2147



57.6322, 57.6160, 41.3417



14.3771, 14.3682, 14.9200



18.4752, 9.5245, 0.8647



1.3653, 0.7039, 0.0639

Inverse Universe

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



56.2432, 68.5595, 83.6679



68.9532, 86.5436, 107.6781



47.7930, 51.6590, 80.8512



14.8074, 16.3363, 18.5171



24.1038, 35.2697, 47.9205



1.7812, 2.6064, 3.5412

Previews

White Background



This preview shows how the XYZ color 50.9109, 44.1737, 39.1008 looks on a white background.

Color Contrast Check

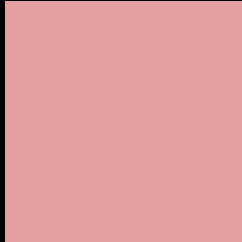
Large Text (above 18pt) WCAG AA × Fail

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 50.9109, 44.1737, 39.1008 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

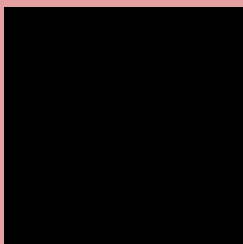
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 50.9109, 44.1737, 39.1008

Background



This preview shows how black text looks on a background with the XYZ color 50.9109, 44.1737, 39.1008.



This preview shows how white text looks on a background with the XYZ color 50.9109, 44.1737,

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

50.9109, 44.1737, 39.1008

Protanopia

42.4120, 44.3761, 43.8662

Deuteranopia

45.0916, 44.1510, 38.4932



Tritanopia

51.7957, 44.0140, 43.7958

Trichromacy



Original Color

50.9109, 44.1737, 39.1008

Protanomaly

44.9990, 44.0211, 42.2016

Deuteranomaly

46.9407, 43.9895, 38.8177

Tritanomaly

51.5942, 44.2075, 41.8900

Monochromacy



Original Color

50.9109, 44.1737, 39.1008

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 50.9109, 44.1737, 39.1008 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, 160, 160)` looks like.

```
.text, #text, p{  
    color:rgb(228, 160, 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, 160, 160) colored shadow looks like.

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

Border

The CSS property to change the border of an element to XYZ 50.9109, 44.1737, 39.1008 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, 160, 160) }
```


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

```
.border{ border-color:rgb(228, 160, 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, 160, 160)` colored shadow looks like.

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

Background

The CSS property to change the background color of an element to XYZ 50.9109, 44.1737, 39.1008 is called "background". The background property can be set on classes, ids or directly on the HTML element.

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

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

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