

Converting Colors

XYZ(51.5123, 43.4708, 38.9334)

Have a look what the booklet for
XYZ(51.5123, 43.4708, 38.9334)
contains.

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Color

**XYZ(51.5123, 43.4708,
38.9334)**

Conversions

Conversions Part 1

Format	Color
Hex	E89CA0
RGB	232, 156, 160
RGB Percent	91%, 61%, 63%
CMY	0.0902, 0.3882, 0.3725
CMYK	0.00, 0.33, 0.31, 0.09
HSL	357°, 62%, 76%
HSV	357°, 33%, 91%
XYZ	51.5123, 43.4708, 38.9334
YIQ	179.1800, 44.0120, 17.3560

Conversions

Conversions Part 2

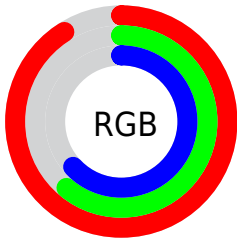
Format	Color
R _Y B	232, 156, 160
Decimal	15244448
CIE Lab	71.87, 28.89, 9.55
CIE LCh	72, 30.430, 18.292
Yxy	43.4708, 0.3847, 0.3246
Android (android.graphics.Color)	4293434528 (0xFFE89CA0)
YUV	179.1800, -9.4557, 46.3231
Hunter-Lab	65.9324, 24.0785, 11.1416

Details

The XYZ color **51.5123, 43.4708, 38.9334** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **56.5724, 70.3835, 84.0061**, and the grayscale version is **42.9771, 45.2153, 49.2395**.

A 20% lighter version of the original color is **76.8000, 72.7548, 74.2853**, and **25.3898, 20.1187, 17.0131** is the 20% darker color. If you saturate the color by 10%, you get **46.2287, 35.7134, 28.5095**, and if you desaturate by 10%, it is **57.8817, 52.8553, 51.3973**.

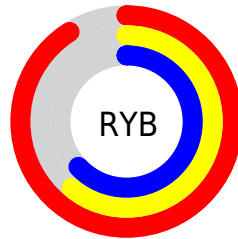
Distribution



Red (91%)

Green (61%)

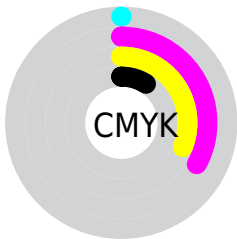
Blue (63%)



Red (91%)

Yellow (61%)

Blue (63%)

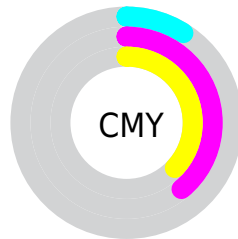


Cyan (0%)

Magenta (33%)

Yellow (31%)

Black (9%)



Cyan (9%)


Magenta (39%)


Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 51.5123, 43.4708, 38.9334 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 51.5123, 43.4708, 38.9334 by changing the saturation by 10% instead.


 51.5123, 43.4708,
38.9334

 51.5123, 43.4708,
38.9334


382.9059,
360.5444, 357.0248

 36.8392, 30.2547,
26.4005


 91.5901, 80.4208,
74.7558

 25.2561, 20.0320,
16.8950


 117.7255,
104.9235, 98.8823

 16.3977, 12.4183,
9.9985


148.4123,
133.9572, 127.7105

 9.8986, 7.0292,
5.2924

184.0159,
167.9063, 161.6589

 5.3936, 3.4804,
2.3581

224.9018,
207.1552, 201.1459

 2.5171, 1.3874,
0.7635

271.4351,

 0.9039, 0.2074,

252.0882, 246.5902

0.0000

323.9814,
303.0898, 298.4103

■ 0.0000, 0.0000,
0.0000

■ 51.5123, 43.4708,
38.9334

■ 51.5123, 43.4708,
38.9334

■ 46.2287, 35.7134,
28.5095

■ 57.8817, 52.8553,
51.3973

■ 41.9670, 29.4847,
20.0145

■ 65.3892, 63.9455,
65.9991

■ 38.6621, 24.6856,
13.3309

■ 74.0876, 76.8223,
82.8333

■ 36.2400, 21.2026,
8.3270

■ 84.0258, 91.5599,
101.9882

■ 34.6156, 18.9049,
4.8534

■ 87.0887, 95.8958,
108.5274

■ 33.6872, 17.6351,
2.7345

■ 33.3463, 17.1828,
1.9132

Harmonies

Analogous

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



51.8560, 43.4708, 53.3586



51.5123, 43.4708, 38.9334



48.3037, 43.4708, 29.0739

Triad

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



51.5123, 43.4708, 38.9334



34.3203, 43.4708, 30.7800



39.3297, 43.4708, 81.1110

Complementary

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



51.5123, 43.4708, 38.9334



56.5724, 70.3835, 84.0061

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.



35.0400, 43.4708, 71.9757



51.5123, 43.4708, 38.9334



32.3136, 43.4708, 41.7778

Square

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



51.5123, 43.4708, 38.9334



38.2703, 43.4708, 25.0893



32.5655, 43.4708, 56.8598



44.5227, 43.4708, 79.9029

Rectangle

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



51.5123, 43.4708, 38.9334



45.1115, 43.4708, 25.4721



32.5655, 43.4708, 56.8598



37.7428, 43.4708, 79.0815

Sweetspot

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



51.5135, 43.4729, 38.9343



83.7992, 83.3362, 87.1521



58.1126, 45.9253, 82.1456



17.6242, 17.3754, 18.0490



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.



51.5135, 43.4729, 38.9343



59.4666, 47.4516, 39.6406



57.4640, 55.9243, 39.2210



14.4076, 14.3802, 15.0806



18.5265, 9.5448, 1.1353



1.3799, 0.7097, 0.1412

Inverse Universe

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



51.5135, 43.4729, 38.9343



59.4666, 47.4516, 39.6406



48.7163, 53.7735, 84.1556



14.4076, 14.3802, 15.0806



18.5265, 9.5448, 1.1353



1.3799, 0.7097, 0.1412

Previews

White Background



This preview shows how the XYZ color 51.5123, 43.4708, 38.9334 looks on a white background.

Color Contrast Check

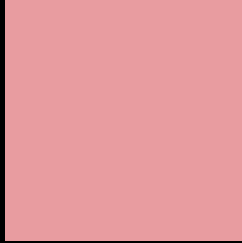
Large Text (above 18pt) WCAG AA × Fail

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 51.5123, 43.4708, 38.9334 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

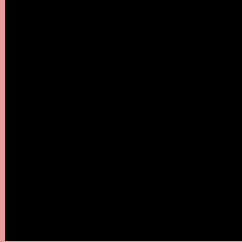
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 51.5123, 43.4708, 38.9334

Background



This preview shows how black text looks on a background with the XYZ color 51.5123, 43.4708, 38.9334.



This preview shows how white text looks on a background with the XYZ color 51.5123, 43.4708,

38.9334.

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

51.5123, 43.4708, 38.9334

Protanopia

41.9321, 43.8147, 44.7751

Deuteranopia

44.5479, 43.6013, 37.9662



Tritanopia

52.3007, 43.5563, 42.2099

Trichromacy



Original Color

51.5123, 43.4708, 38.9334

Protanomaly

44.9824, 43.4453, 42.5742

Deuteranomaly

46.7781, 43.3759, 38.2547

Tritanomaly

52.0265, 43.4467, 40.7659

Monochromacy



Original Color

51.5123, 43.4708, 38.9334

Achromatopsia

42.8472, 45.0786, 49.0906

Achromatomaly

45.2980, 44.1101, 45.1564

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.5123, 43.4708, 38.9334 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, 156, 160)` looks like.

```
.text, #text, p{  
    color:rgb(232, 156, 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(232, 156, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 156, 160) }
```

Border

The CSS property to change the border of an element to XYZ 51.5123, 43.4708, 38.9334 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, 156, 160) }
```


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

```
.border{ border-color:rgb(232, 156, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 156, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 156, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 156, 160);  
box-shadow:4px 4px 4px 4px rgb(232, 156,  
160) }
```

Background

The CSS property to change the background color of an element to XYZ 51.5123, 43.4708, 38.9334 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 156, 160) }
```

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

```
.background{ background-color: rgb(232,  
156, 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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