

Converting Colors

XYZ(50.2607, 43.5233, 38.4175)

Have a look what the booklet for XYZ(50.2607, 43.5233, 38.4175) contains.

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Color

**XYZ(50.3347, 43.6304,
38.5695)**

Conversions

Conversions Part 1

Format	Color
Hex	E39F9F
RGB	227, 159, 159
RGB Percent	89%, 62%, 62%
CMY	0.1098, 0.3764, 0.3765
CMYK	0.00, 0.30, 0.30, 0.11
HSL	0°, 55%, 76%
HSV	0°, 30%, 89%
XYZ	50.3347, 43.6304, 38.5695
YIQ	179.3320, 40.5280, 14.4160

Conversions

Conversions Part 2

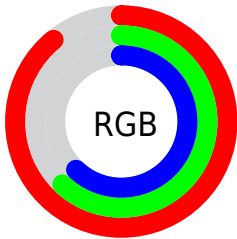
Format	Color
R_{YB}	227, 159, 159
Decimal	14917535
CIE _{Lab}	71.98, 25.30, 10.18
CIE _{LCh}	72, 27.270, 21.919
Yxy	43.6304, 0.3798, 0.3292
Android (android.graphics.Color)	4293107615 (0xFFE39F9F)
YUV	179.3320, -10.0237, 41.8048
Hunter-Lab	66.0533, 20.4293, 11.6170

Details

The XYZ color **50.3347, 43.6304, 38.5695** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **55.6313, 67.8528, 82.8380**, and the grayscale version is **43.0626, 45.3052, 49.3373**.

A 20% lighter version of the original color is **77.4242, 74.2082, 73.8612**, and **24.5420, 20.1441, 16.7821** is the 20% darker color. If you saturate the color by 10%, you get **44.9915, 35.8121, 27.9461**, and if you desaturate by 10%, it is **56.7587, 53.0309, 51.3388**.

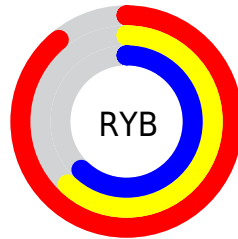
Distribution



Red (89%)

Green (62%)

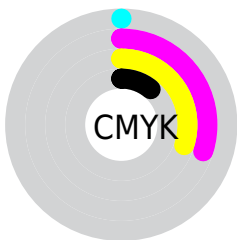
Blue (62%)



Red (89%)

Yellow (62%)

Blue (62%)

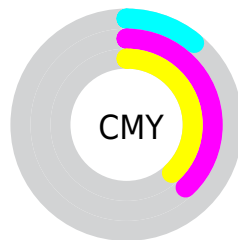


Cyan (0%)

Magenta (30%)

Yellow (30%)

Black (11%)



Cyan (11%)


Magenta (38%)


Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 50.3347, 43.6304, 38.5695 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 50.3347, 43.6304, 38.5695 by changing the saturation by 10% instead.


 50.3347, 43.6304,
38.5695


 50.3347, 43.6304,
38.5695


378.4038,
361.1979, 355.4279

 35.8983, 30.3800,
26.1197


 89.8594, 80.6613,
74.1933

 24.5254, 20.1272,
16.6867


 115.6785,
105.2106, 98.2044

 15.8507, 12.4876,
9.8518

146.0225,
134.2951, 126.9063

 9.5087, 7.0766,
5.1965

181.2567,
168.2990, 160.7177

 5.1342, 3.5101,
2.3022

221.7467,
207.6069, 200.0570

 2.3618, 1.4035,
0.7325

267.8576,

 0.8260, 0.2193,

252.6031, 245.3427

0.0000

319.9548,
303.6719, 296.9935

0.0000, 0.0000,
0.0000

50.3347, 43.6304,
38.5695

50.3347, 43.6304,
38.5695

44.9915, 35.8121,
27.9461

56.7587, 53.0309,
51.3388

40.6665, 29.4834,
19.3483

64.3146, 64.0873,
66.3597

37.2961, 24.5514,
12.6484

73.0545, 76.8762,
83.7346

34.8081, 20.9107,
7.7027

83.0262, 91.4674,
103.5582

33.1201, 18.4405,
4.3473

85.4886, 95.0709,
108.4525

■ 32.1340, 16.9975,
2.3874

■ 31.6804, 16.3337,
1.4859

■ 31.6788, 16.3313,
1.4826

Harmonies

Analogous

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



50.9721, 43.6304, 51.1995



50.3347, 43.6304, 38.5695



47.2354, 43.6304, 30.0582

Triad

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



50.3347, 43.6304, 38.5695



34.8187, 43.6304, 33.3912



40.2245, 43.6304, 77.6551

Complementary

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



50.3347, 43.6304, 38.5695



55.6313, 67.8528, 82.8380

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.



36.1928, 43.6304, 70.6615



50.3347, 43.6304, 38.5695



33.2278, 43.6304, 43.9947

Square

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



50.3347, 43.6304, 38.5695



38.2187, 43.6304, 27.4811



33.7114, 43.6304, 57.7263



44.8993, 43.6304, 75.4592

Rectangle

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



50.3347, 43.6304, 38.5695



44.3083, 43.6304, 27.0757



33.7114, 43.6304, 57.7263



38.7544, 43.6304, 76.2610

Sweetspot

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



50.3359, 43.6325, 38.5704



84.6837, 84.8313, 88.2919



57.9421, 46.6737, 78.6282



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.



50.3359, 43.6325, 38.5704



61.0027, 50.1792, 41.2147



57.0068, 56.9744, 40.7940



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.



55.6313, 67.8528, 82.8380



68.9532, 86.5436, 107.6781



47.2336, 51.0573, 80.0387



14.8074, 16.3363, 18.5171



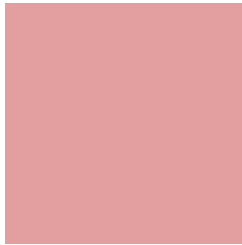
24.1038, 35.2697, 47.9205



1.7812, 2.6064, 3.5412

Previews

White Background



This preview shows how the XYZ color 50.3347, 43.6304, 38.5695 looks on a white background.

Color Contrast Check

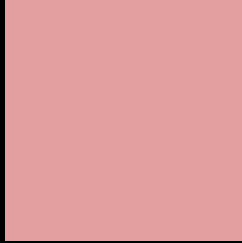
Large Text (above 18pt) WCAG AA × Fail

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 50.3347, 43.6304, 38.5695 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

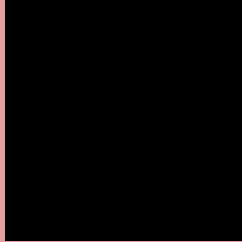
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 50.3347, 43.6304, 38.5695

Background



This preview shows how black text looks on a background with the XYZ color 50.3347, 43.6304, 38.5695.



This preview shows how white text looks on a background with the XYZ color 50.3347, 43.6304,

38.5695.

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

50.3347, 43.6304, 38.5695

Protanopia

41.8846, 43.8229, 43.2969

Deuteranopia

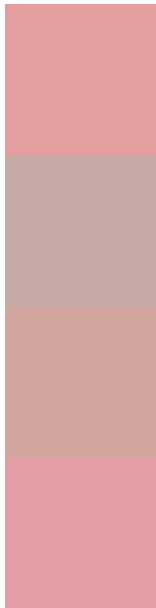
44.5479, 43.6013, 37.9662



Tritanopia

51.2133, 43.4725, 43.2279

Trichromacy



Original Color

50.3347, 43.6304, 38.5695

Protanomaly

44.4550, 43.4718, 41.6452

Deuteranomaly

46.3861, 43.4427, 38.2882

Tritanomaly

51.0133, 43.6643, 41.3367

Monochromacy



Original Color

50.3347, 43.6304, 38.5695

Achromatopsia

42.8472, 45.0786, 49.0906

Achromatomaly

44.9639, 44.2194, 45.1951

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.3347, 43.6304, 38.5695 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, 159, 159)` looks like.

```
.text, #text, p{  
    color:rgb(227, 159, 159)  
}
```

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, 159, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 159, 159) }
```

Border

The CSS property to change the border of an element to XYZ 50.3347, 43.6304, 38.5695 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, 159, 159) }
```


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

```
.border{ border-color:rgb(227, 159, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 159, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 159, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 159, 159);  
box-shadow:4px 4px 4px 4px rgb(227, 159,  
159) }
```

Background

The CSS property to change the background color of an element to XYZ 50.3347, 43.6304, 38.5695 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 159, 159) }
```

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

```
.background{ background-color: rgb(227,  
159, 159) }
```

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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