

Converting Colors

XYZ(48.3145, 39.1833, 35.2872)

Have a look what the booklet for
XYZ(48.3145, 39.1833, 35.2872)
contains.

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Color

**XYZ(48.1883, 39.2087,
35.1652)**

Conversions

Conversions Part 1

Format	Color
Hex	E59199
RGB	229, 145, 153
RGB Percent	90%, 57%, 60%
CMY	0.1020, 0.4313, 0.4000
CMYK	0.00, 0.37, 0.33, 0.10
HSL	354°, 62%, 73%
HSV	354°, 37%, 90%
XYZ	48.1883, 39.2087, 35.1652
YIQ	171.0280, 47.4960, 20.2960

Conversions

Conversions Part 2

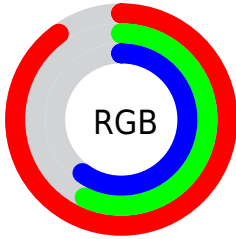
Format	Color
R _Y B	229, 145, 153
Decimal	15045017
CIE Lab	68.90, 32.73, 9.16
CIE LCh	69, 33.993, 15.640
Yxy	39.2087, 0.3932, 0.3199
Android (android.graphics.Color)	4293235097 (0xFFE59199)
YUV	171.0280, -8.8878, 50.8414
Hunter-Lab	62.6169, 27.7895, 10.5349

Details

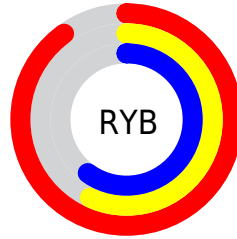
The XYZ color **48.1883, 39.2087, 35.1652** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **52.7493, 67.2798, 78.6164**, and the grayscale version is **38.7502, 40.7682, 44.3966**.

A 20% lighter version of the original color is **73.1568, 67.0735, 68.1222**, and **23.1072, 17.4459, 14.7199** is the 20% darker color. If you saturate the color by 10%, you get **43.4698, 32.2768, 25.8696**, and if you desaturate by 10%, it is **53.9113, 47.6737, 46.2626**.

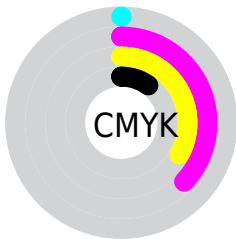
Distribution



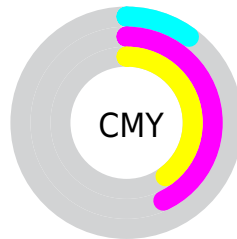
- Red (90%)
- Green (57%)
- Blue (60%)



- Red (90%)
- Yellow (57%)
- Blue (60%)



- Cyan (0%)
- Magenta (37%)
- Yellow (33%)
- Black (10%)



- Cyan (10%)
- Magenta (43%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 48.1883, 39.2087, 35.1652 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 48.1883, 39.2087, 35.1652 by changing the saturation by 10% instead.

48.1883, 39.2087,
35.1652

48.1883, 39.2087,
35.1652

370.1082,
342.7770, 340.2233

34.1879, 26.9221,
23.5056

86.6927, 73.9570,
68.8961

23.2016, 17.5147,
14.7585

111.9274, 97.1876,
91.8044

14.8639, 10.6022,
8.5053

141.6376,
124.8349, 119.2994

8.8096, 5.8000,
4.3276

176.1886,
157.2834, 151.7997

4.6733, 2.7239,
1.8067

215.9458,
194.9175, 189.7236

2.0897, 0.9893,
0.4324

261.2746,

0.6836, 0.0000,

238.1215, 233.4898

0.0000

312.5403,
287.2798, 283.5169

■ 0.0000, 0.0000,
0.0000

■ 48.1883, 39.2087,
35.1652

■ 48.1883, 39.2087,
35.1652

■ 43.4698, 32.2768,
25.8696

■ 53.9113, 47.6737,
46.2626

■ 39.6948, 26.7809,
18.2783

■ 60.6890, 57.7500,
59.2475

■ 36.8002, 22.6218,
12.2883

■ 68.5720, 69.5171,
74.2030

■ 34.7142, 19.6851,
7.7842

■ 77.6066, 83.0478,
91.2066

■ 33.3532, 17.8376,
4.6352

■ 86.1232, 95.3981,
108.4822

■ 32.6136, 16.9103,
2.6868

■ 32.4561, 16.7152,
2.2646

Harmonies

Analogous

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



48.2596, 39.2087, 50.5011



48.1883, 39.2087, 35.1652



45.0093, 39.2087, 24.7627

Triad

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



48.1883, 39.2087, 35.1652



30.3241, 39.2087, 25.0907



34.7499, 39.2087, 78.4717

Complementary

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



48.1883, 39.2087, 35.1652



52.7493, 67.2798, 78.6164

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.



30.4672, 39.2087, 67.6813



48.1883, 39.2087, 35.1652



28.0844, 39.2087, 35.7318

Square

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



48.1883, 39.2087, 35.1652



34.5366, 39.2087, 19.9784



28.1341, 39.2087, 51.2219



40.1370, 39.2087, 78.2141

Rectangle

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



48.1883, 39.2087, 35.1652



41.7164, 39.2087, 20.9254



28.1341, 39.2087, 51.2219



33.1452, 39.2087, 75.9209

Sweetspot

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



48.1893, 39.2106, 35.1660



82.9250, 81.8627, 86.0139



53.9666, 41.2193, 79.2407



17.4560, 17.0841, 17.8539



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.



48.1893, 39.2106, 35.1660



56.8220, 43.1607, 35.6812



53.4653, 50.7841, 33.7748



14.4324, 14.3902, 15.2116



18.5761, 9.5647, 1.3970



1.3918, 0.7144, 0.2039

Inverse Universe

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



48.1893, 39.2106, 35.1660



56.8220, 43.1607, 35.6812



45.4264, 50.8883, 81.5572



14.4324, 14.3902, 15.2116



18.5761, 9.5647, 1.3970



1.3918, 0.7144, 0.2039

Previews

White Background



This preview shows how the XYZ color 48.1883, 39.2087, 35.1652 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 48.1883, 39.2087, 35.1652 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 48.1883, 39.2087, 35.1652

Background



This preview shows how black text looks on a background with the XYZ color 48.1883, 39.2087, 35.1652.



This preview shows how white text looks on a background with the XYZ color 48.1883, 39.2087,

35.1652.

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

48.1883, 39.2087, 35.1652

Protanopia

37.8074, 39.4925, 41.2275

Deuteranopia

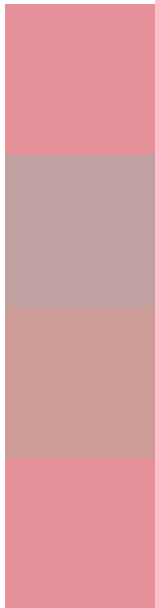
40.1636, 39.2491, 34.3132



Tritanopia

48.3549, 39.2754, 36.0427

Trichromacy



Original Color

48.1883, 39.2087, 35.1652

Protanomaly

40.9961, 39.0523, 39.0953

Deuteranomaly

42.6512, 38.9904, 34.5561

Tritanomaly

48.2712, 39.2419, 35.6021

Monochromacy



Original Color

48.1883, 39.2087, 35.1652

Achromatopsia

38.7082, 40.7240, 44.3485

Achromatomaly

41.3594, 39.7275, 40.6103

CSS Examples

Text

The CSS property to change the color of the text to XYZ 48.1883, 39.2087, 35.1652 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(229, 145, 153)` looks like.

```
.text, #text, p{  
    color:rgb(229, 145, 153)  
}
```

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(229, 145, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 145, 153) }
```

Border

The CSS property to change the border of an element to XYZ 48.1883, 39.2087, 35.1652 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(229, 145, 153) }
```


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

```
.border{ border-color:rgb(229, 145, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 145, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 145, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 145, 153);  
box-shadow:4px 4px 4px 4px rgb(229, 145,  
153) }
```

Background

The CSS property to change the background color of an element to XYZ 48.1883, 39.2087, 35.1652 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 145, 153) }
```

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

```
.background{ background-color: rgb(229,  
145, 153) }
```

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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