

Converting Colors

XYZ(49.3915, 38.3359, 36.8449)

Have a look what the booklet for
XYZ(49.3915, 38.3359, 36.8449)
contains.

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Color

**XYZ(49.4352, 38.2734,
36.6803)**

Conversions

Conversions Part 1

Format	Color
Hex	EB8A9D
RGB	235, 138, 157
RGB Percent	92%, 54%, 62%
CMY	0.0784, 0.4588, 0.3843
CMYK	0.00, 0.41, 0.33, 0.08
HSL	348°, 71%, 73%
HSV	348°, 41%, 92%
XYZ	49.4352, 38.2734, 36.6803
YIQ	169.1690, 51.7130, 26.4730

Conversions

Conversions Part 2

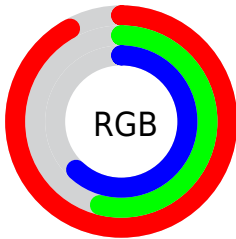
Format	Color
R _Y B	235, 138, 157
Decimal	15436445
CIE Lab	68.22, 39.08, 6.05
CIE LCh	68, 39.543, 8.797
Yxy	38.2734, 0.3974, 0.3077
Android (android.graphics.Color)	4293626525 (0xFFEB8A9D)
YUV	169.1690, -5.9993, 57.7338
Hunter-Lab	61.8655, 34.3703, 8.1526

Details

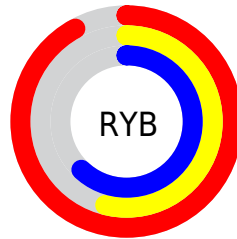
The XYZ color **49.4352, 38.2734, 36.6803** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **52.5860, 69.7786, 75.6664**, and the grayscale version is **37.8075, 39.7764, 43.3165**.

A 20% lighter version of the original color is **72.0678, 64.1031, 70.2028**, and **24.0608, 17.0433, 15.6572** is the 20% darker color. If you saturate the color by 10%, you get **44.9305, 31.6493, 27.8248**, and if you desaturate by 10%, it is **54.9210, 46.4598, 47.0949**.

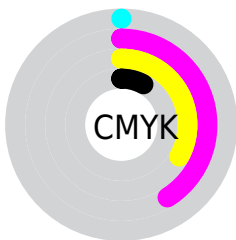
Distribution



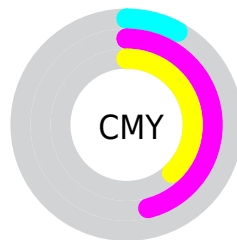
- Red (92%)
- Green (54%)
- Blue (62%)



- Red (92%)
- Yellow (54%)
- Blue (62%)



- Cyan (0%)
- Magenta (41%)
- Yellow (33%)
- Black (8%)





- Cyan (8%)
- Magenta (46%)
- Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 49.4352, 38.2734, 36.6803 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 49.4352, 38.2734, 36.6803 by changing the saturation by 10% instead.


 49.4352, 38.2734,
36.6803


 49.4352, 38.2734,
36.6803


374.9417,
338.7913, 347.0512


 35.1808, 26.1950,
24.6662


 88.5343, 72.5270,
71.2616

 23.9693, 16.9695,
15.6118


 114.1097, 95.4709,
94.6660

 15.4355, 10.2128,
9.0985


 144.1895,
122.8055, 122.7041

 9.2139, 5.5403,
4.7078

179.1391,
154.9150, 155.7946

 4.9392, 2.5676,
2.0211

219.3237,
192.1840, 194.3561

 2.2460, 0.9104,
0.5682

265.1088,

 0.7668, 0.0000,

234.9968, 238.8070

0.0000

316.8597,
283.7378, 289.5658

■ 0.0000, 0.0000,
0.0000

■ 49.4352, 38.2734,
36.6803

■ 49.4352, 38.2734,
36.6803

■ 44.9305, 31.6493,
27.8248

■ 54.9210, 46.4598,
47.0949

■ 41.3447, 26.4823,
20.4499

■ 61.4386, 56.2937,
59.1370

■ 38.6135, 22.6630,
14.4740

■ 69.0391, 67.8606,
72.8737

■ 36.6625, 20.0642,
9.8058

■ 77.7692, 81.2389,
88.3678

■ 35.4038, 18.5340,
6.3428

■ 87.5110, 96.1782,
105.6246

■ 34.7545, 17.8596,
4.2024

■ 88.0710, 96.4022,
108.5734

Harmonies

Analogous

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



48.6240, 38.2734, 55.2386



49.4352, 38.2734, 36.6803



46.4511, 38.2734, 23.7746

Triad

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



49.4352, 38.2734, 36.6803



29.4262, 38.2734, 20.3728



32.2456, 38.2734, 82.1534

Complementary

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



49.4352, 38.2734, 36.6803



52.5860, 69.7786, 75.6664

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.



27.8773, 38.2734, 66.8511



49.4352, 38.2734, 36.6803



26.3824, 38.2734, 30.5332

Square

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



49.4352, 38.2734, 36.6803



34.5898, 38.2734, 16.2709



25.8493, 38.2734, 47.0999



38.2262, 38.2734, 85.1835

Rectangle

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



49.4352, 38.2734, 36.6803



42.8903, 38.2734, 18.8095



25.8493, 38.2734, 47.0999



30.5602, 38.2734, 78.1022

Sweetspot

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



49.4362, 38.2753, 36.6810



82.3414, 80.5218, 86.3547



52.2860, 38.7152, 83.3143



17.3541, 16.8225, 17.9982



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.



49.4362, 38.2753, 36.6810



54.6001, 38.8506, 34.5287



52.6867, 47.1730, 30.3755



15.1860, 15.1023, 16.2650



19.3780, 9.9539, 2.5258



1.5548, 0.7949, 0.3727

Inverse Universe

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



49.4362, 38.2753, 36.6810



54.6001, 38.8506, 34.5287



47.5254, 55.4974, 86.8045



15.1860, 15.1023, 16.2650



19.3780, 9.9539, 2.5258



1.5548, 0.7949, 0.3727

Previews

White Background



This preview shows how the XYZ color 49.4352, 38.2734, 36.6803 looks on a white background.

Color Contrast Check

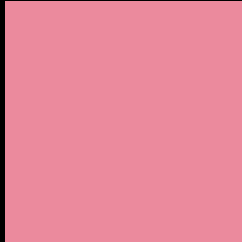
Large Text (above 18pt) WCAG AA × Fail

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 49.4352, 38.2734, 36.6803 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

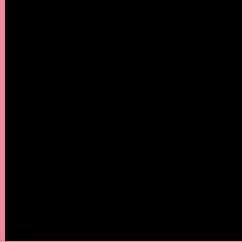
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 49.4352, 38.2734, 36.6803

Background



This preview shows how black text looks on a background with the XYZ color 49.4352, 38.2734, 36.6803.



This preview shows how white text looks on a background with the XYZ color 49.4352, 38.2734,

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

49.4352, 38.2734, 36.6803

Protanopia

37.3275, 38.6144, 45.0211

Deuteranopia

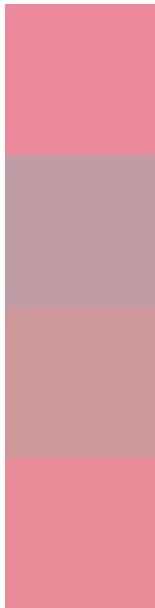
39.2337, 38.4810, 35.4967



Tritanopia

48.6693, 38.1597, 33.6546

Trichromacy



Original Color

49.4352, 38.2734, 36.6803

Protanomaly

40.6017, 37.7734, 41.7103

Deuteranomaly

42.4008, 38.0947, 35.6901

Tritanomaly

48.9141, 38.2576, 34.9434

Monochromacy



Original Color

49.4352, 38.2734, 36.6803

Achromatopsia

37.7116, 39.6755, 43.2066

Achromatomaly

41.0107, 38.5078, 40.8686

CSS Examples

Text

The CSS property to change the color of the text to XYZ 49.4352, 38.2734, 36.6803 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(235, 138, 157)` looks like.

```
.text, #text, p{  
    color:rgb(235, 138, 157)  
}
```

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(235, 138, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 138, 157) }
```

Border

The CSS property to change the border of an element to XYZ 49.4352, 38.2734, 36.6803 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(235, 138, 157) }
```


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

```
.border{ border-color:rgb(235, 138, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 138, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 138, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 138, 157);  
box-shadow:4px 4px 4px 4px rgb(235, 138,  
157) }
```

Background

The CSS property to change the background color of an element to XYZ 49.4352, 38.2734, 36.6803 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 138, 157) }
```

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

```
.background{ background-color: rgb(235,  
138, 157) }
```

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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