

Converting Colors

XYZ(38.2513, 37.9720, 45.7650)

Have a look what the booklet for
XYZ(38.2513, 37.9720, 45.7650)
contains.

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Color

**XYZ(38.3374, 38.0498,
45.8812)**

Conversions

Conversions Part 1

Format	Color
Hex	AFA2AF
RGB	175, 162, 175
RGB Percent	69%, 64%, 69%
CMY	0.3137, 0.3647, 0.3137
CMYK	0.00, 0.07, 0.00, 0.31
HSL	300°, 8%, 66%
HSV	300°, 7%, 69%
XYZ	38.3374, 38.0498, 45.8812
YIQ	167.3690, 3.5750, 6.7990

Conversions

Conversions Part 2

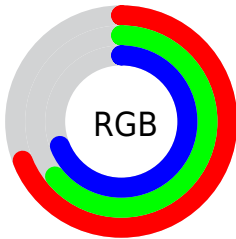
Format	Color
RYB	175, 162, 175
Decimal	11510447
CIELab	68.06, 7.11, -5.02
CIELCh	68, 8.704, 324.816
Yxy	38.0498, 0.3136, 0.3112
Android (android.graphics.Color)	4289700527 (0xFFAFA2AF)
YUV	167.3690, 3.7621, 6.6924
Hunter-Lab	61.6845, 2.9912, -0.9210

Details

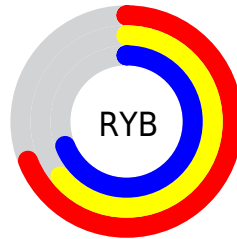
The XYZ color **38.3374, 38.0498, 45.8812** is a light color, and the websafe version is hex **999999**. A complement of this color would be **36.7533, 40.9510, 40.1516**, and the grayscale version is **36.8925, 38.8138, 42.2682**.

A 20% lighter version of the original color is **72.1917, 72.3842, 85.7679**, and **17.3195, 16.7929, 21.0674** is the 20% darker color. If you saturate the color by 10%, you get **35.4672, 32.3089, 44.9249**, and if you desaturate by 10%, it is **41.6388, 44.6520, 46.9821**.

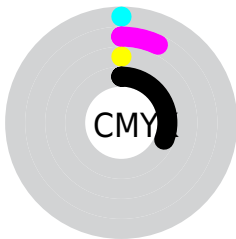
Distribution



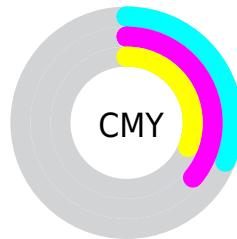
- Red (69%)
- Green (64%)
- Blue (69%)



- Red (69%)
- Yellow (64%)
- Blue (69%)



- Cyan (0%)
- Magenta (7%)
- Yellow (0%)
- Black (31%)





- Cyan (31%)
- Magenta (36%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 38.3374, 38.0498, 45.8812 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 38.3374, 38.0498, 45.8812 by changing the saturation by 10% instead.

 38.3374, 38.0498,
45.8812


 38.3374, 38.0498,
45.8812


330.3210,
337.8336, 386.5945

 26.4231, 26.0213,
31.8041


 71.9256, 72.1845,
85.3736

 17.2747, 16.8396,
20.9483


 94.3301, 95.0595,
111.6259

 10.5271, 10.1202,
12.8954


120.9621,
122.3187, 142.7738

 5.8147, 5.4787,
7.2267

152.1868,
154.3467, 179.2357

 2.7723, 2.5308,
3.5237

188.3698,
191.5278, 221.4302

 1.0345, 0.8920,
1.3678

229.8762,

 0.0000, 0.0000,

234.2464, 269.7758

0.1164

277.0715,
282.8868, 324.6911

■ 0.0000, 0.0000,
0.0000

■ 38.3374, 38.0498,
45.8812

■ 38.3374, 38.0498,
45.8812

■ 35.4672, 32.3089,
44.9249

■ 41.6388, 44.6520,
46.9821

■ 33.0073, 27.3891,
44.1050

■ 45.3847, 52.1438,
48.2308

■ 30.9400, 23.2544,
43.4158

■ 49.5919, 60.5582,
49.6332

■ 29.2449, 19.8642,
42.8508

■ 54.2754, 69.9252,
51.1943

■ 27.9000, 17.1744,
42.4025

■ 59.4494, 80.2732,
52.9190

■ 26.8807, 15.1359,
42.0628

■ 61.1774, 83.7293,
53.4950

■ 26.1596, 13.6936,
41.8224

■ 61.1774, 83.7293,
53.4950

■ 25.7044, 12.7832,
41.6707

■ 61.1774, 83.7293,
53.4950

■ 25.4663, 12.3070,
41.5913

■ 61.1774, 83.7293,
53.4950

Harmonies

Analogous

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



37.2701, 38.0498, 48.5807



38.3374, 38.0498, 45.8812



38.8234, 38.0498, 42.1079

Triad

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



38.3374, 38.0498, 45.8812



36.4012, 38.0498, 34.4319



33.8508, 38.0498, 44.6421

Complementary

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



38.3374, 38.0498, 45.8812



36.7533, 40.9510, 40.1516

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.



33.6312, 38.0498, 40.7590



38.3374, 38.0498, 45.8812



35.0823, 38.0498, 35.0174

Square

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



38.3374, 38.0498, 45.8812



37.6878, 38.0498, 35.6238



34.0766, 38.0498, 37.2760



34.6841, 38.0498, 47.8346

Rectangle

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



38.3374, 38.0498, 45.8812



38.7438, 38.0498, 39.5502



34.0766, 38.0498, 37.2760



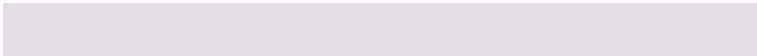
33.7036, 38.0498, 43.3679

Sweetspot

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



38.3385, 38.0514, 45.8820



71.7516, 74.3272, 83.2017



35.5984, 36.6956, 45.7647



15.9620, 16.5490, 18.4973



84.5950, 89.0005, 96.9216



16.2198, 17.0645, 18.5832

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



38.3385, 38.0514, 45.8820



67.7188, 66.2616, 81.8575



37.7356, 37.8103, 42.7073



8.3371, 8.1481, 10.0860



18.2020, 8.7433, 29.7728



0.5064, 0.2432, 0.8282

Inverse Universe

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



37.1225, 37.5650, 39.4786



65.0650, 65.2001, 67.8827



37.3259, 41.1800, 43.1669



8.0053, 8.0154, 8.3386



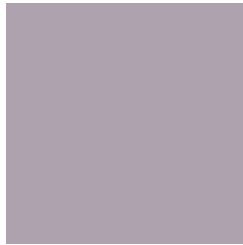
12.6607, 6.5268, 0.5925



0.3522, 0.1816, 0.0165

Previews

White Background



This preview shows how the XYZ color 38.3374, 38.0498, 45.8812 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 38.3374, 38.0498, 45.8812 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

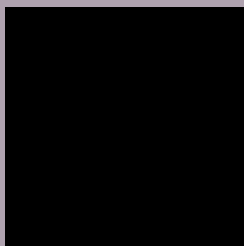
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 38.3374, 38.0498, 45.8812

Background



This preview shows how black text looks on a background with the XYZ color 38.3374, 38.0498, 45.8812.



This preview shows how white text looks on a background with the XYZ color 38.3374, 38.0498,

45.8812.

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

38.3374, 38.0498, 45.8812

Protanopia

37.1168, 38.1916, 47.0104

Deuteranopia

38.8428, 38.0499, 45.8546



Tritanopia

38.3374, 38.0498, 45.8812

Trichromacy



Original Color

38.3374, 38.0498, 45.8812

Protanomaly

37.4741, 38.1205, 46.4572

Deuteranomaly

38.6142, 37.9320, 45.8439

Tritanomaly

38.3374, 38.0498, 45.8812

Monochromacy



Original Color

38.3374, 38.0498, 45.8812

Achromatopsia

36.7301, 38.6429, 42.0822

Achromatomaly

37.2884, 38.3586, 43.4688

CSS Examples

Text

The CSS property to change the color of the text to XYZ 38.3374, 38.0498, 45.8812 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(175, 162, 175)` looks like.

```
.text, #text, p{  
    color:rgb(175, 162, 175)  
}
```

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(175, 162, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 162, 175) }
```

Border

The CSS property to change the border of an element to XYZ 38.3374, 38.0498, 45.8812 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(175, 162, 175) }
```


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

```
.border{ border-color:rgb(175, 162, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 162, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 162, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 162, 175);  
box-shadow:4px 4px 4px 4px rgb(175, 162,  
175) }
```

Background

The CSS property to change the background color of an element to XYZ 38.3374, 38.0498, 45.8812 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 162, 175) }
```

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

```
.background{ background-color: rgb(175,  
162, 175) }
```

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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