

Converting Colors

XYZ(37.0353, 38.1817, 45.4584)

Have a look what the booklet for
XYZ(37.0353, 38.1817, 45.4584)
contains.

XYZ(37.0315, 38.1817, 45.4624)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(37.0315, 38.1817,
45.4624)**

Conversions

Conversions Part 1

Format	Color
Hex	A7A5AE
RGB	167, 165, 174
RGB Percent	65%, 65%, 68%
CMY	0.3451, 0.3529, 0.3176
CMYK	0.04, 0.05, 0.00, 0.32
HSL	253°, 5%, 66%
HSV	253°, 5%, 68%
XYZ	37.0315, 38.1817, 45.4624
YIQ	166.6240, -1.6970, 3.2230

Conversions

Conversions Part 2

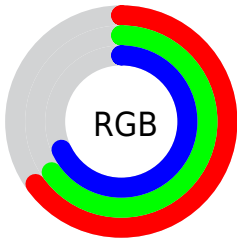
Format	Color
RYB	167, 165, 174
Decimal	10986926
CIELab	68.15, 2.45, -4.39
CIELCh	68, 5.028, 299.185
Yxy	38.1817, 0.3069, 0.3164
Android (android.graphics.Color)	4289177006 (0xFFA7A5AE)
YUV	166.6240, 3.6364, 0.3298
Hunter-Lab	61.7913, -1.1599, -0.3681

Details

The XYZ color **37.0315, 38.1817, 45.4624** is a light color, and the websafe version is hex **999999**. A complement of this color would be **38.9421, 41.7603, 41.6072**, and the grayscale version is **36.5322, 38.4347, 41.8554**.

A 20% lighter version of the original color is **69.8603, 72.3731, 84.4161**, and **16.4882, 16.8602, 20.7977** is the 20% darker color. If you saturate the color by 10%, you get **31.3928, 30.9294, 44.3603**, and if you desaturate by 10%, it is **43.3987, 46.4456, 46.7225**.

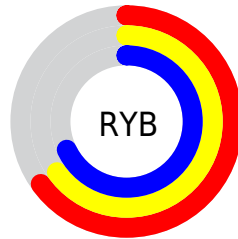
Distribution



Red (65%)

Green (65%)

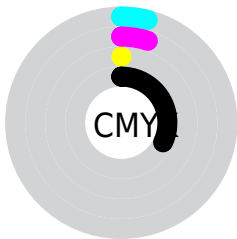
Blue (68%)



Red (65%)

Yellow (65%)

Blue (68%)

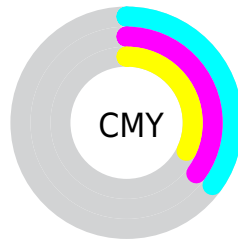


Cyan (4%)

Magenta (5%)

Yellow (0%)

Black (32%)



Cyan (35%)

Magenta (35%)

Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 37.0315, 38.1817, 45.4624 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 37.0315, 38.1817, 45.4624 by changing the saturation by 10% instead.

■ 37.0315, 38.1817,
45.4624

■ 37.0315, 38.1817,
45.4624

324.8000,
338.3988, 384.8577

■ 25.4057, 26.1237,
31.4762

■ 69.9347, 72.3866,
84.7396

■ 16.5099, 16.9162,
20.7002

■ 91.9429, 95.3022,
110.8678

■ 9.9788, 10.1748,
12.7160

118.1425,
122.6059, 141.8803

■ 5.4471, 5.5150,
7.1048

148.8989,
154.6821, 178.1957

■ 2.5493, 2.5525,
3.4483

184.5775,
191.9150, 220.2327

■ 0.9202, 0.9028,
1.3278

225.5437,

■ 0.0000, 0.0000,

234.6892, 268.4096

0.0844

272.1627,
283.3890, 323.1451

■ 0.0000, 0.0000,
0.0000

■ 37.0315, 38.1817,
45.4624

■ 37.0315, 38.1817,
45.4624

■ 31.3928, 30.9294,
44.3603

■ 43.3987, 46.4456,
46.7225

■ 26.4531, 24.6448,
43.4076

■ 50.5162, 55.7530,
48.1439

■ 22.1856, 19.2880,
42.5986

■ 58.4086, 66.1405,
49.7329

■ 18.5604, 14.8145,
41.9262

■ 67.0987, 77.6415,
51.4948

■ 15.5454, 11.1760,
41.3828

■ 76.6081, 90.2877,
53.4345

■ 13.1057, 8.3195,
40.9600

■ 82.1892, 94.5725,
53.9674

■ 11.2024, 6.1859,
40.6485

■ 84.6401, 95.8360,
54.0821

■ 9.7917, 4.7072,
40.4374

■ 8.8212, 3.8003,
40.3136

Harmonies

Analogous

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



36.2691, 38.1817, 46.0468



37.0315, 38.1817, 45.4624



37.6022, 38.1817, 43.8272

Triad

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



37.0315, 38.1817, 45.4624



37.0692, 38.1817, 37.9706



34.8023, 38.1817, 41.5119

Complementary

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



37.0315, 38.1817, 45.4624



38.9421, 41.7603, 41.6072

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.



35.0097, 38.1817, 39.3982



37.0315, 38.1817, 45.4624



36.3120, 38.1817, 37.3995

Square

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



37.0315, 38.1817, 45.4624



37.6242, 38.1817, 39.5011



35.5596, 38.1817, 37.9127



34.9888, 38.1817, 43.7169

Rectangle

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



37.0315, 38.1817, 45.4624



37.7933, 38.1817, 42.3897



35.5596, 38.1817, 37.9127



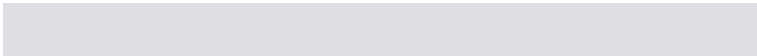
34.8282, 38.1817, 40.7676

Sweetspot

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



37.0326, 38.1833, 45.4632



70.6495, 73.7590, 83.1502



37.9203, 40.5805, 45.8791



15.7301, 16.4294, 18.4865



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.



37.0326, 38.1833, 45.4632



66.1608, 67.9528, 82.2660



37.9891, 38.6764, 45.5080



8.1010, 8.3063, 10.1290



6.1817, 2.5467, 29.2103



0.2179, 0.0945, 0.8147

Inverse Universe

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



38.3583, 38.8891, 44.5159



68.9854, 69.4568, 80.2391



37.9816, 41.2651, 41.5622



8.4713, 8.5035, 9.8627



15.8739, 7.8121, 17.5135



0.4602, 0.2248, 0.5851

Previews

White Background



This preview shows how the XYZ color 37.0315, 38.1817, 45.4624 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 37.0315, 38.1817, 45.4624 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 37.0315, 38.1817, 45.4624

Background



This preview shows how black text looks on a background with the XYZ color 37.0315, 38.1817, 45.4624.



This preview shows how white text looks on a background with the XYZ color 37.0315, 38.1817,

45.4624.

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

37.0315, 38.1817, 45.4624

Protanopia

37.0315, 38.1817, 45.4624

Deuteranopia

38.8428, 38.0499, 45.8546



Tritanopia

37.3597, 38.0501, 46.9703

Trichromacy



Original Color

37.0315, 38.1817, 45.4624

Protanomaly

37.0315, 38.1817, 45.4624

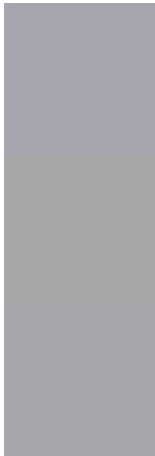
Deuteranomaly

38.1138, 37.9345, 45.8707

Tritanomaly

37.2604, 38.0103, 46.4472

Monochromacy



Original Color

37.0315, 38.1817, 45.4624

Achromatopsia

36.7301, 38.6429, 42.0822

Achromatomaly

36.8283, 38.3902, 43.4992

CSS Examples

Text

The CSS property to change the color of the text to XYZ 37.0315, 38.1817, 45.4624 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(167, 165, 174)` looks like.

```
.text, #text, p{  
    color:rgb(167, 165, 174)  
}
```

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(167, 165, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 165, 174) }
```

Border

The CSS property to change the border of an element to XYZ 37.0315, 38.1817, 45.4624 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(167, 165, 174) }
```


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

```
.border{ border-color:rgb(167, 165, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(167, 165, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 165, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 165, 174);  
box-shadow:4px 4px 4px 4px rgb(167, 165,  
174) }
```

Background

The CSS property to change the background color of an element to XYZ 37.0315, 38.1817, 45.4624 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 165, 174) }
```

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

```
.background{ background-color: rgb(167,  
165, 174) }
```

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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