

Converting Colors

XYZ(36.9518, 38.7207, 38.7945)

Have a look what the booklet for
XYZ(36.9518, 38.7207, 38.7945)
contains.

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Color

**XYZ(36.9585, 38.8334,
38.8054)**

Conversions

Conversions Part 1

Format	Color
Hex	ABA7A0
RGB	171, 167, 160
RGB Percent	67%, 65%, 63%
CMY	0.3294, 0.3451, 0.3725
CMYK	0.00, 0.02, 0.06, 0.33
HSL	38°, 6%, 65%
HSV	38°, 6%, 67%
XYZ	36.9585, 38.8334, 38.8054
YIQ	167.3980, 4.6310, -1.3290

Conversions

Conversions Part 2

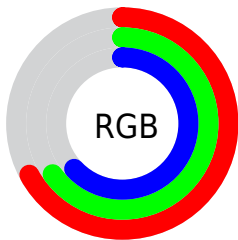
Format	Color
RYB	166, 171, 160
Decimal	11249568
CIELab	68.63, 0.16, 4.12
CIELCh	69, 4.118, 87.777
Yxy	38.8334, 0.3225, 0.3389
Android (android.graphics.Color)	4289439648 (0xFFABA7A0)
YUV	167.3980, -3.6472, 3.1590
Hunter-Lab	62.3165, -3.1894, 6.7007

Details

The XYZ color **36.9585, 38.8334, 38.8054** is a light color, and the websafe version is hex **999999**. A complement of this color would be **35.1234, 36.9644, 43.8123**, and the grayscale version is **36.9413, 38.8651, 42.3241**.

A 20% lighter version of the original color is **69.7510, 73.3176, 74.7654**, and **16.4988, 17.2875, 16.9352** is the 20% darker color. If you saturate the color by 10%, you get **34.4535, 36.0547, 31.0907**, and if you desaturate by 10%, it is **39.7261, 41.8072, 47.6238**.

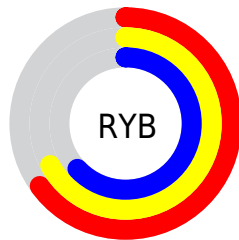
Distribution



Red (67%)

Green (65%)

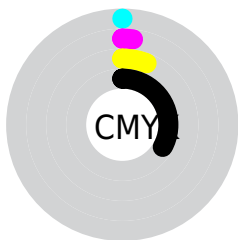
Blue (63%)



Red (65%)

Yellow (67%)

Blue (63%)

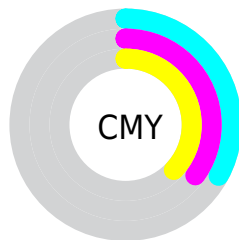


Cyan (0%)

Magenta (2%)

Yellow (6%)

Black (33%)



Cyan (33%)

Magenta (35%)

Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 36.9585, 38.8334, 38.8054 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 36.9585, 38.8334, 38.8054 by changing the saturation by 10% instead.

■ 36.9585, 38.8334,
38.8054

■ 36.9585, 38.8334,
38.8054

324.4895,
341.1817, 356.4637

■ 25.3489, 26.6301,
26.3017

■ 69.8232, 73.3837,
74.5580

■ 16.4673, 17.2956,
16.8217

■ 91.8090, 96.4996,
98.6440

■ 9.9484, 10.4455,
9.9468

117.9842,
124.0218, 127.4278

■ 5.4267, 5.6953,
5.2586

148.7143,
156.3348, 161.3281

■ 2.5371, 2.6607,
2.3384

184.3645,
193.8228, 200.7632

■ 0.9140, 0.9573,
0.7526

225.3001,

■ 0.0000, 0.0000,

236.8704, 246.1518

0.0000

271.8867,
285.8619, 297.9125

■ 36.9585, 38.8334,
38.8054

■ 36.9585, 38.8334,
38.8054

■ 34.4535, 36.0547,
31.0907

■ 39.7261, 41.8072,
47.6238

■ 32.1989, 33.4612,
24.4330

■ 42.7619, 44.9757,
57.5851

■ 30.1860, 31.0495,
18.7859

■ 46.0749, 48.3450,
68.7296

■ 28.4044, 28.8141,
14.0986

■ 49.6730, 51.9193,
81.0949

■ 26.8428, 26.7493,
10.3157

■ 53.5638, 55.7029,
94.7171

■ 25.4890, 24.8487,
7.3764

■ 56.5059, 59.2003,
103.0564

■ 24.3291, 23.1055,
5.2119

■ 58.0152, 62.2188,
103.5594

■ 23.3471, 21.5119,
3.7429

■ 59.5841, 65.3567,
104.0824

■ 22.5214, 20.0578,
2.8597

■ 61.2133, 68.6151,
104.6255

Harmonies

Analogous

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



37.5806, 38.8334, 39.3259



36.9585, 38.8334, 38.8054



36.3305, 38.8334, 39.1937

Triad

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



36.9585, 38.8334, 38.8054



35.8149, 38.8334, 43.9735



37.9777, 38.8334, 44.2209

Complementary

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



36.9585, 38.8334, 38.8054



35.1234, 36.9644, 43.8123

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.



37.4956, 38.8334, 45.5304



36.9585, 38.8334, 38.8054



36.2474, 38.8334, 45.3846

Square

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



36.9585, 38.8334, 38.8054



35.6749, 38.8334, 42.1442



36.8615, 38.8334, 45.9623



38.1733, 38.8334, 42.4220

Rectangle

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



36.9585, 38.8334, 38.8054



35.9920, 38.8334, 39.9223



36.8615, 38.8334, 45.9623



37.8435, 38.8334, 44.7349

Sweetspot

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



36.9596, 38.8351, 38.8062



68.3121, 71.8485, 76.1953



36.0698, 36.4817, 40.2789



15.2461, 16.0357, 17.0309



82.5889, 86.8899, 94.6231



15.4596, 16.2647, 17.7123

Same Dimension

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



36.9596, 38.8351, 38.8062



65.3922, 68.6757, 67.0001



37.3855, 40.1586, 39.0393



8.4142, 8.8333, 8.4749



16.8235, 14.8524, 1.9801



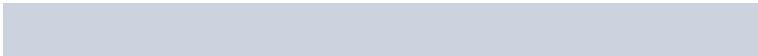
0.5176, 0.5123, 0.0716

Inverse Universe

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



35.1234, 36.9644, 43.8123



61.2774, 64.4835, 78.2188



34.7143, 35.7082, 43.5914



7.8083, 8.2159, 10.1270



6.8919, 4.9177, 29.6305



0.2447, 0.2427, 0.8419

Previews

White Background



This preview shows how the XYZ color 36.9585, 38.8334, 38.8054 looks on a white background.

Color Contrast Check

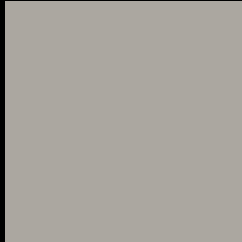
Large Text (above 18pt) WCAG AA × Fail

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 36.9585, 38.8334, 38.8054 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

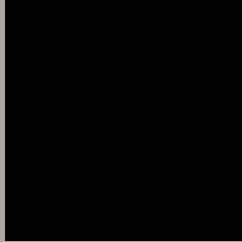
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 36.9585, 38.8334, 38.8054

Background



This preview shows how black text looks on a background with the XYZ color 36.9585, 38.8334, 38.8054.



This preview shows how white text looks on a background with the XYZ color 36.9585, 38.8334,

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

36.9585, 38.8334, 38.8054

Protanopia

37.1771, 38.9462, 38.8156

Deuteranopia

39.6031, 38.8530, 39.1303



Tritanopia

38.6668, 38.7239, 47.0315

Trichromacy



Original Color

36.9585, 38.8334, 38.8054

Protanomaly

37.1771, 38.9462, 38.8156

Deuteranomaly

38.7645, 38.9479, 39.1928

Tritanomaly

38.0394, 38.7348, 43.9997

Monochromacy



Original Color

36.9585, 38.8334, 38.8054

Achromatopsia

36.7301, 38.6429, 42.0822

Achromatomaly

36.6680, 38.6426, 40.6481

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.9585, 38.8334, 38.8054 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(171, 167, 160)` looks like.

```
.text, #text, p{  
    color:rgb(171, 167, 160)  
}
```

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(171, 167, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 167, 160) }
```

Border

The CSS property to change the border of an element to XYZ 36.9585, 38.8334, 38.8054 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(171, 167, 160) }
```


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

```
.border{ border-color:rgb(171, 167, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 167, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 167, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 167, 160);  
box-shadow:4px 4px 4px 4px rgb(171, 167,  
160) }
```

Background

The CSS property to change the background color of an element to XYZ 36.9585, 38.8334, 38.8054 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 167, 160) }
```

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

```
.background{ background-color: rgb(171,  
167, 160) }
```

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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