

Converting Colors

XYZ(36.1975, 38.0418, 38.2374)

Have a look what the booklet for
XYZ(36.1975, 38.0418, 38.2374)
contains.

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Color

**XYZ(36.0753, 37.8485,
38.2050)**

Conversions

Conversions Part 1

Format	Color
Hex	A9A59F
RGB	169, 165, 159
RGB Percent	66%, 65%, 62%
CMY	0.3373, 0.3529, 0.3765
CMYK	0.00, 0.02, 0.06, 0.34
HSL	36°, 5%, 64%
HSV	36°, 6%, 66%
XYZ	36.0753, 37.8485, 38.2050
YIQ	165.5120, 4.3100, -1.0180

Conversions

Conversions Part 2

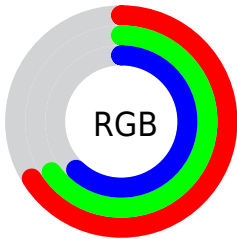
Format	Color
RYB	166, 169, 159
Decimal	11117983
CIELab	67.91, 0.34, 3.61
CIELCh	68, 3.622, 84.620
Yxy	37.8485, 0.3217, 0.3375
Android (android.graphics.Color)	4289308063 (0xFFA9A59F)
YUV	165.5120, -3.2104, 3.0590
Hunter-Lab	61.5211, -2.9916, 6.2453

Details

The XYZ color **36.0753, 37.8485, 38.2050** is a light color, and the websafe version is hex **999999**. A complement of this color would be **34.5566, 36.4292, 42.7467**, and the grayscale version is **36.0245, 37.9006, 41.2738**.

A 20% lighter version of the original color is **68.4713, 71.8887, 73.8854**, and **15.9480, 16.6749, 16.5654** is the 20% darker color. If you saturate the color by 10%, you get **33.5220, 34.9302, 30.6064**, and if you desaturate by 10%, it is **38.8957, 40.9790, 46.8828**.

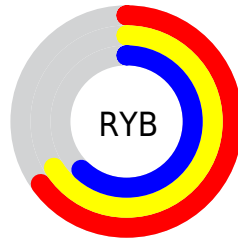
Distribution



Red (66%)

Green (65%)

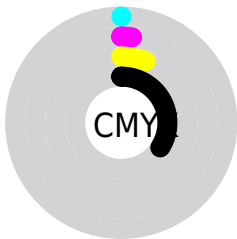
Blue (62%)



Red (65%)

Yellow (66%)

Blue (62%)

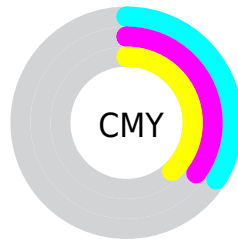


Cyan (0%)

Magenta (2%)

Yellow (6%)

Black (34%)



Cyan (34%)

Magenta (35%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 36.0753, 37.8485, 38.2050 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 36.0753, 37.8485, 38.2050 by changing the saturation by 10% instead.

■ 36.0753, 37.8485,
38.2050

■ 36.0753, 37.8485,
38.2050

320.7150,
336.9696, 353.8231

■ 24.6627, 25.8651,
25.8388

■ 68.4714, 71.8759,
73.6291

■ 15.9534, 16.7228,
16.4784

■ 90.1856, 94.6887,
97.5241

■ 9.5818, 10.0370,
9.7053

116.0644,
121.8800, 126.0991

■ 5.1827, 5.4235,
5.1010

146.4732,
153.8344, 159.7727

■ 2.3907, 2.4978,
2.2468

181.7773,
190.9361, 198.9633

■ 0.8405, 0.8756,
0.7012

222.3421,

■ 0.0000, 0.0000,

233.5697, 244.0895

0.0000

268.5329,
282.1194, 295.5700

■ 36.0753, 37.8485,
38.2050

■ 36.0753, 37.8485,
38.2050

■ 33.5220, 34.9302,
30.6064

■ 38.8957, 40.9790,
46.8828

■ 31.2234, 32.2140,
24.0417

■ 41.9885, 44.3218,
56.6779

■ 29.1711, 29.6960,
18.4659

■ 45.3630, 47.8832,
67.6294

■ 27.3546, 27.3706,
13.8298

■ 49.0269, 51.6679,
79.7739

■ 25.7629, 25.2314,
10.0797

■ 52.9878, 55.6803,
93.1463

■ 24.3837, 23.2720,
7.1567

■ 56.3707, 59.5719,
103.1352

■ 23.2033, 21.4850,
4.9946

■ 58.0270, 62.8845,
103.6873

■ 22.2063, 19.8624,
3.5168

■ 59.7540, 66.3385,
104.2630

■ 21.3721, 18.3942,
2.6222

■ 61.5525, 69.9355,
104.8625

Harmonies

Analogous

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



36.6033, 37.8485, 38.7380



36.0753, 37.8485, 38.2050



35.5255, 37.8485, 38.4601

Triad

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



36.0753, 37.8485, 38.2050



35.0002, 37.8485, 42.5136



36.8623, 37.8485, 43.0289

Complementary

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



36.0753, 37.8485, 38.2050



34.5566, 36.4292, 42.7467

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.



36.4260, 37.8485, 44.0891



36.0753, 37.8485, 38.2050



35.3517, 37.8485, 43.7862

Square

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



36.0753, 37.8485, 38.2050



34.9085, 37.8485, 40.9210



35.8726, 37.8485, 44.3698



37.0607, 37.8485, 41.5015

Rectangle

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



36.0753, 37.8485, 38.2050



35.2200, 37.8485, 39.0464



35.8726, 37.8485, 44.3698



36.7384, 37.8485, 43.4533

Sweetspot

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



36.0764, 37.8501, 38.2058



66.5126, 69.9167, 74.2217



35.3716, 35.8762, 39.7113



14.5094, 15.2528, 16.2157



80.6108, 84.8088, 92.3568



14.7206, 15.4872, 16.8656

Same Dimension

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



36.0764, 37.8501, 38.2058



64.0324, 67.1353, 66.6782



36.5948, 39.2044, 38.4399



8.0007, 8.3869, 8.2960



15.7496, 13.3964, 1.7557



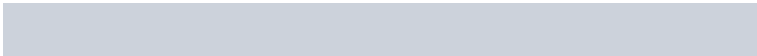
0.4312, 0.4219, 0.0587

Inverse Universe

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



34.5566, 36.4292, 42.7467



60.7810, 64.0952, 76.3932



34.0573, 35.1350, 42.5232



7.5771, 7.9909, 9.5614



6.9070, 5.2742, 28.6295



0.2184, 0.2289, 0.7133

Previews

White Background



This preview shows how the XYZ color 36.0753, 37.8485, 38.2050 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 36.0753, 37.8485, 38.2050 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

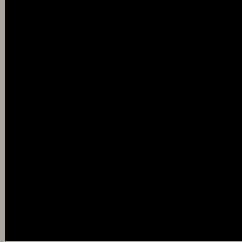
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 36.0753, 37.8485, 38.2050

Background



This preview shows how black text looks on a background with the XYZ color 36.0753, 37.8485, 38.2050.



This preview shows how white text looks on a background with the XYZ color 36.0753, 37.8485,

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

36.0753, 37.8485, 38.2050

Protanopia

36.2907, 37.9595, 38.2151

Deuteranopia

38.4444, 37.7470, 38.5174



Tritanopia

37.6296, 37.9475, 45.8987

Trichromacy



Original Color

36.0753, 37.8485, 38.2050

Protanomaly

36.2907, 37.9595, 38.2151

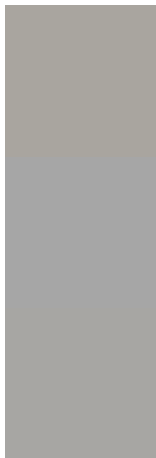
Deuteranomaly

37.6256, 37.8437, 38.5792

Tritanomaly

37.0145, 37.9615, 42.9126

Monochromacy



Original Color

36.0753, 37.8485, 38.2050

Achromatopsia

36.2450, 38.1326, 41.5264

Achromatomaly

36.1834, 38.1323, 40.1035

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.0753, 37.8485, 38.2050 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(169, 165, 159)` looks like.

```
.text, #text, p{  
    color:rgb(169, 165, 159)  
}
```

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(169, 165, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 165, 159) }
```

Border

The CSS property to change the border of an element to XYZ 36.0753, 37.8485, 38.2050 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(169, 165, 159) }
```


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

```
.border{ border-color:rgb(169, 165, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 165, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 165, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 165, 159);  
box-shadow:4px 4px 4px 4px rgb(169, 165,  
159) }
```

Background

The CSS property to change the background color of an element to XYZ 36.0753, 37.8485, 38.2050 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 165, 159) }
```

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

```
.background{ background-color: rgb(169,  
165, 159) }
```

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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