

Converting Colors

XYZ(36.3307, 38.2679, 39.8554)

Have a look what the booklet for
XYZ(36.3307, 38.2679, 39.8554)
contains.

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Color

**XYZ(36.3063, 38.2059,
39.6434)**

Conversions

Conversions Part 1

Format	Color
Hex	A8A6A2
RGB	168, 166, 162
RGB Percent	66%, 65%, 64%
CMY	0.3412, 0.3490, 0.3647
CMYK	0.00, 0.01, 0.04, 0.34
HSL	40°, 3%, 65%
HSV	40°, 4%, 66%
XYZ	36.3063, 38.2059, 39.6434
YIQ	166.1420, 2.4760, -0.8200

Conversions

Conversions Part 2

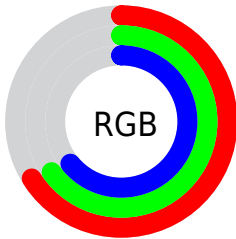
Format	Color
RYB	165, 168, 162
Decimal	11052706
CIELab	68.17, -0.02, 2.31
CIELCh	68, 2.312, 90.599
Yxy	38.2059, 0.3180, 0.3347
Android (android.graphics.Color)	4289242786 (0xFFA8A6A2)
YUV	166.1420, -2.0420, 1.6295
Hunter-Lab	61.8109, -3.3224, 5.2411

Details

The XYZ color **36.3063, 38.2059, 39.6434** is a light color, and the websafe version is hex **999999**. A complement of this color would be **35.2438, 37.0591, 42.3420**, and the grayscale version is **36.3238, 38.2155, 41.6166**.

A 20% lighter version of the original color is **68.8123, 72.4106, 75.9955**, and **16.0342, 16.8734, 17.1637** is the 20% darker color. If you saturate the color by 10%, you get **33.9174, 35.6601, 31.9649**, and if you desaturate by 10%, it is **38.9411, 40.9232, 48.3892**.

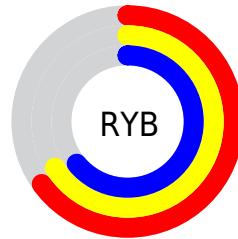
Distribution



Red (66%)

Green (65%)

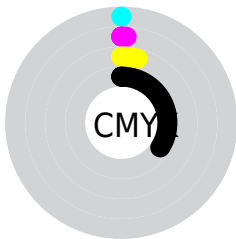
Blue (64%)



Red (65%)

Yellow (66%)

Blue (64%)

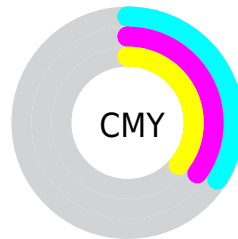


Cyan (0%)

Magenta (1%)

Yellow (4%)

Black (34%)



Cyan (34%)

Magenta (35%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 36.3063, 38.2059, 39.6434 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 36.3063, 38.2059, 39.6434 by changing the saturation by 10% instead.

■ 36.3063, 38.2059,
39.6434

■ 36.3063, 38.2059,
39.6434

321.7053,
338.5024, 360.1256

■ 24.8421, 26.1425,
26.9489

■ 68.8254, 72.4236,
75.8513

■ 16.0875, 16.9303,
17.3028

■ 90.6109, 95.3468,
100.2019

■ 9.6773, 10.1848,
10.2864

116.5675,
122.6586, 129.2749

■ 5.2462, 5.5217,
5.4812

147.0607,
154.7436, 163.4889

■ 2.4287, 2.5565,
2.4686

182.4557,
191.9860, 203.2624

■ 0.8594, 0.9048,
0.8235

223.1179,

■ 0.0000, 0.0000,

234.7704, 249.0140

0.0000

269.4126,
283.4811, 301.1622

■ 36.3063, 38.2059,
39.6434

■ 36.3063, 38.2059,
39.6434

■ 33.9174, 35.6601,
31.9649

■ 38.9411, 40.9232,
48.3892

■ 31.7628, 33.2767,
25.3097

■ 41.8266, 43.8112,
58.2390

■ 29.8346, 31.0528,
19.6343

■ 44.9715, 46.8754,
69.2310

■ 28.1233, 28.9837,
14.8912

■ 48.3828, 50.1195,
81.4006

■ 26.6185, 27.0642,
11.0288

■ 52.0677, 53.5471,
94.7817

■ 25.3089, 25.2890,
7.9906

■ 54.7507, 56.6489,
102.6564

■ 24.1820, 23.6519,
5.7133

■ 56.0659, 59.2794,
103.0948

■ 23.2233, 22.1463,
4.1244

■ 57.4290, 62.0055,
103.5492

■ 22.4158, 20.7643,
3.1370

■ 58.8404, 64.8283,
104.0196

Harmonies

Analogous

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



36.6554, 38.2059, 39.8917



36.3063, 38.2059, 39.6434



35.9614, 38.2059, 39.9120

Triad

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



36.3063, 38.2059, 39.6434



35.7194, 38.2059, 42.6199



36.9217, 38.2059, 42.5833

Complementary

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



36.3063, 38.2059, 39.6434



35.2438, 37.0591, 42.3420

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.



36.6680, 38.2059, 43.3344



36.3063, 38.2059, 39.6434



35.9739, 38.2059, 43.3558

Square

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



36.3063, 38.2059, 39.6434



35.6239, 38.2059, 41.6205



36.3208, 38.2059, 43.6194



37.0121, 38.2059, 41.5789

Rectangle

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



36.3063, 38.2059, 39.6434



35.7798, 38.2059, 40.3506



36.3208, 38.2059, 43.6194



36.8526, 38.2059, 42.8743

Sweetspot

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



36.3074, 38.2076, 39.6442



67.0616, 70.5609, 75.8037



35.7702, 36.8465, 40.3494



14.6224, 15.3853, 16.5413



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.



36.3074, 38.2076, 39.6442



65.6559, 69.0929, 71.1940



36.4612, 38.8300, 39.7563



8.1896, 8.6183, 8.8101



16.6251, 15.1475, 2.0475



0.4485, 0.4566, 0.0645

Inverse Universe

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



35.2438, 37.0591, 42.3420



63.4617, 66.7237, 76.7593



35.0931, 36.4550, 42.2333



7.8775, 8.2814, 9.6016



6.4454, 4.3510, 28.4756



0.2036, 0.1994, 0.7084

Previews

White Background



This preview shows how the XYZ color 36.3063, 38.2059, 39.6434 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 36.3063, 38.2059, 39.6434 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

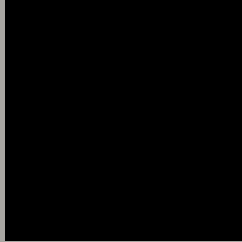
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 36.3063, 38.2059, 39.6434

Background



This preview shows how black text looks on a background with the XYZ color 36.3063, 38.2059, 39.6434.



This preview shows how white text looks on a background with the XYZ color 36.3063, 38.2059,

39.6434.

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

36.3063, 38.2059, 39.6434

Protanopia

36.5543, 38.0649, 39.6031

Deuteranopia

38.8842, 38.2014, 39.9745



Tritanopia

37.7888, 38.2713, 46.9904

Trichromacy



Original Color

36.3063, 38.2059, 39.6434

Protanomaly

36.3389, 37.9539, 39.5930

Deuteranomaly

38.0681, 38.3037, 40.0373

Tritanomaly

37.2637, 38.3238, 44.4630

Monochromacy



Original Color

36.3063, 38.2059, 39.6434

Achromatopsia

36.2450, 38.1326, 41.5264

Achromatomaly

36.3641, 38.2045, 41.0549

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.3063, 38.2059, 39.6434 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(168, 166, 162)` looks like.

```
.text, #text, p{  
    color:rgb(168, 166, 162)  
}
```

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(168, 166, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 166, 162) }
```

Border

The CSS property to change the border of an element to XYZ 36.3063, 38.2059, 39.6434 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(168, 166, 162) }
```


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

```
.border{ border-color:rgb(168, 166, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(168, 166, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 166, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 166, 162);  
box-shadow:4px 4px 4px 4px rgb(168, 166,  
162) }
```

Background

The CSS property to change the background color of an element to XYZ 36.3063, 38.2059, 39.6434 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 166, 162) }
```

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

```
.background{ background-color: rgb(168,  
166, 162) }
```

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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