

Converting Colors

XYZ(34.9947, 36.6929, 38.0935)

Have a look what the booklet for
XYZ(34.9947, 36.6929, 38.0935)
contains.

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Color

**XYZ(35.0811, 36.8046,
38.0559)**

Conversions

Conversions Part 1

Format	Color
Hex	A6A39F
RGB	166, 163, 159
RGB Percent	65%, 64%, 62%
CMY	0.3490, 0.3608, 0.3765
CMYK	0.00, 0.02, 0.04, 0.35
HSL	34°, 4%, 64%
HSV	34°, 4%, 65%
XYZ	35.0811, 36.8046, 38.0559
YIQ	163.4410, 3.0720, -0.6080

Conversions

Conversions Part 2

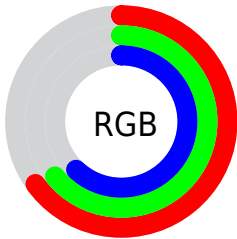
Format	Color
R_{YB}	164, 166, 159
Decimal	10920863
CIE _{Lab}	67.13, 0.34, 2.45
CIE _{LCh}	67, 2.471, 82.110
Yxy	36.8046, 0.3191, 0.3348
Android (android.graphics.Color)	4289110943 (0xFFA6A39F)
YUV	163.4410, -2.1894, 2.2442
Hunter-Lab	60.6668, -2.9477, 5.2745

Details

The XYZ color **35.0811, 36.8046, 38.0559** is a light color, and the websafe version is hex **999999**. A complement of this color would be **34.1013, 35.9642, 41.2213**, and the grayscale version is **35.0312, 36.8555, 40.1357**.

A 20% lighter version of the original color is **67.0278, 70.3700, 73.6684**, and **15.3306, 16.0290, 16.4733** is the 20% darker color. If you saturate the color by 10%, you get **32.5100, 33.8146, 30.5628**, and if you desaturate by 10%, it is **37.9187, 40.0171, 46.5933**.

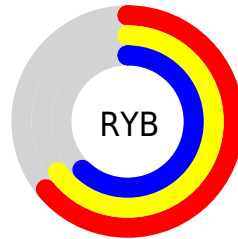
Distribution



Red (65%)

Green (64%)

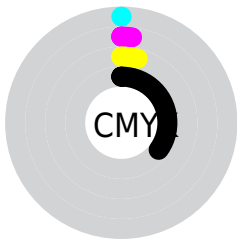
Blue (62%)



Red (64%)

Yellow (65%)

Blue (62%)

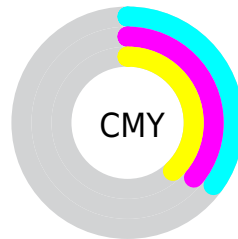


Cyan (0%)

Magenta (2%)

Yellow (4%)

Black (35%)



Cyan (35%)

Magenta (36%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 35.0811, 36.8046, 38.0559 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 35.0811, 36.8046, 38.0559 by changing the saturation by 10% instead.

■ 35.0811, 36.8046,
38.0559

■ 35.0811, 36.8046,
38.0559

316.4279,
332.4638, 353.1651

■ 23.8922, 25.0562,
25.7239

■ 66.9446, 70.2722,
73.3982

■ 15.3779, 16.1190,
16.3933

■ 88.3498, 92.7601,
97.2456

■ 9.1731, 9.6084,
9.6455

113.8912,
119.5968, 125.7685

■ 4.9123, 5.1401,
5.0621

143.9341,
151.1665, 159.3855

■ 2.2301, 2.3297,
2.2243

178.8439,
187.8536, 198.5151

■ 0.7585, 0.7894,
0.6884

218.9859,

■ 0.0000, 0.0000,

230.0426, 243.5759

0.0000

264.7254,
278.1179, 294.9864

■ 35.0811, 36.8046,
38.0559

■ 35.0811, 36.8046,
38.0559

■ 32.5100, 33.8146,
30.5628

■ 37.9187, 40.0171,
46.5933

■ 30.1934, 31.0368,
24.0707

■ 41.0281, 43.4524,
56.2110

■ 28.1231, 28.4673,
18.5373

■ 44.4183, 47.1170,
66.9462

■ 26.2891, 26.1002,
13.9157

■ 48.0968, 51.0158,
78.8338

■ 24.6807, 23.9290,
10.1555

■ 52.0710, 55.1532,
91.9069

■ 23.2860, 21.9472,
7.2013

■ 55.7624, 59.2997,
103.1147

■ 22.0921, 20.1472,
4.9908

■ 57.5084, 62.7917,
103.6967

■ 21.0841, 18.5211,
3.4527

■ 59.3327, 66.4404,
104.3049

■ 20.2444, 17.0595,
2.5015

■ 61.2364, 70.2476,
104.9394

Harmonies

Analogous

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



35.4280, 36.8046, 38.4605



35.0811, 36.8046, 38.0559



34.7100, 36.8046, 38.1843

Triad

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



35.0811, 36.8046, 38.0559



34.3155, 36.8046, 40.8591



35.5559, 36.8046, 41.3603

Complementary

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



35.0811, 36.8046, 38.0559



34.1013, 35.9642, 41.2213

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.



35.2548, 36.8046, 42.0249



35.0811, 36.8046, 38.0559



34.5391, 36.8046, 41.7319

Square

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



35.0811, 36.8046, 38.0559



34.2697, 36.8046, 39.7901



34.8824, 36.8046, 42.1621



35.7034, 36.8046, 40.3591

Rectangle

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



35.0811, 36.8046, 38.0559



34.4986, 36.8046, 38.5560



34.8824, 36.8046, 42.1621



35.4692, 36.8046, 41.6312

Sweetspot

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



35.0821, 36.8062, 38.0567



65.2634, 68.6189, 73.8141



34.6491, 35.5136, 39.2271



14.6112, 15.3630, 16.5376



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.



35.0821, 36.8062, 38.0567



63.2420, 66.3074, 67.8022



35.5229, 37.8328, 38.2316



8.1010, 8.4906, 8.6283



15.4101, 12.7175, 1.6425



0.4242, 0.4079, 0.0564

Inverse Universe

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



34.1013, 35.9642, 41.2213



61.1044, 64.4725, 74.6992



33.6724, 34.9687, 41.0518



7.8010, 8.2330, 9.5963



7.1327, 5.7256, 28.7047



0.2247, 0.2415, 0.7154

Previews

White Background



This preview shows how the XYZ color 35.0811, 36.8046, 38.0559 looks on a white background.

Color Contrast Check

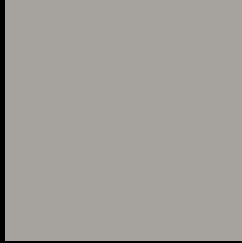
Large Text (above 18pt) WCAG AA × Fail

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 35.0811, 36.8046, 38.0559 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

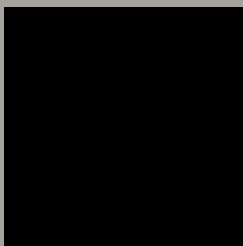
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

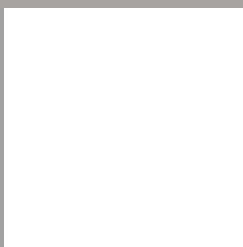
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 35.0811, 36.8046, 38.0559

Background



This preview shows how black text looks on a background with the XYZ color 35.0811, 36.8046, 38.0559.



This preview shows how white text looks on a background with the XYZ color 35.0811, 36.8046,

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

35.0811, 36.8046, 38.0559

Protanopia

35.2916, 36.9131, 38.0658

Deuteranopia

37.3944, 36.6951, 38.3697



Tritanopia

36.4361, 36.8317, 44.7240

Trichromacy



Original Color

35.0811, 36.8046, 38.0559

Protanomaly

35.2916, 36.9131, 38.0658

Deuteranomaly

36.5952, 36.7936, 38.4308

Tritanomaly

35.9246, 36.8833, 42.2715

Monochromacy



Original Color

35.0811, 36.8046, 38.0559

Achromatopsia

34.8123, 36.6253, 39.8849

Achromatomaly

34.9286, 36.6955, 39.4244

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.0811, 36.8046, 38.0559 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(166, 163, 159)` looks like.

```
.text, #text, p{  
    color:rgb(166, 163, 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(166, 163, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 163, 159) }
```

Border

The CSS property to change the border of an element to XYZ 35.0811, 36.8046, 38.0559 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(166, 163, 159) }
```


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

```
.border{ border-color:rgb(166, 163, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(166, 163, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 163, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 163, 159);  
box-shadow:4px 4px 4px 4px rgb(166, 163,  
159) }
```

Background

The CSS property to change the background color of an element to XYZ 35.0811, 36.8046, 38.0559 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 163, 159) }
```

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

```
.background{ background-color: rgb(166,  
163, 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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