

Converting Colors

XYZ(37.8851, 38.7970, 34.4463)

Have a look what the booklet for
XYZ(37.8851, 38.7970, 34.4463)
contains.

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Color

**XYZ(38.0162, 38.9360,
34.3659)**

Conversions

Conversions Part 1

Format	Color
Hex	B5A596
RGB	181, 165, 150
RGB Percent	71%, 65%, 59%
CMY	0.2902, 0.3529, 0.4118
CMYK	0.00, 0.09, 0.17, 0.29
HSL	29°, 17%, 65%
HSV	29°, 17%, 71%
XYZ	38.0162, 38.9360, 34.3659
YIQ	168.0740, 14.3510, -1.2730

Conversions

Conversions Part 2

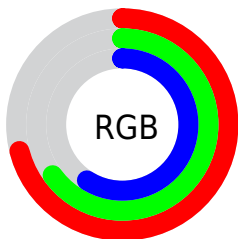
Format	Color
RYB	181, 179, 150
Decimal	11904406
CIELab	68.70, 3.29, 9.87
CIELCh	69, 10.405, 71.581
Yxy	38.9360, 0.3415, 0.3498
Android (android.graphics.Color)	4290094486 (0xFFB5A596)
YUV	168.0740, -8.9105, 11.3361
Hunter-Lab	62.3987, -0.4473, 11.0253

Details

The XYZ color **38.0162, 38.9360, 34.3659** is a light color, and the websafe version is hex **999999**. A complement of this color would be **34.5542, 37.0919, 49.0546**, and the grayscale version is **37.2941, 39.2362, 42.7283**.

A 20% lighter version of the original color is **71.4173, 73.5506, 67.5593**, and **17.0593, 17.3003, 14.2445** is the 20% darker color. If you saturate the color by 10%, you get **35.0465, 35.1515, 26.7322**, and if you desaturate by 10%, it is **41.3362, 43.0601, 43.2281**.

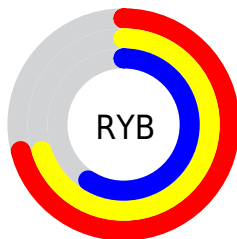
Distribution



Red (71%)

Green (65%)

Blue (59%)



Red (71%)

Yellow (70%)

Blue (59%)

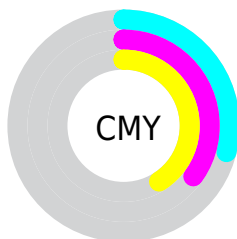


Cyan (0%)

Magenta (9%)

Yellow (17%)

Black (29%)



Cyan (29%)


Magenta (35%)


Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 38.0162, 38.9360, 34.3659 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 38.0162, 38.9360, 34.3659 by changing the saturation by 10% instead.


 38.0162, 38.9360,
34.3659

 38.0162, 38.9360,
34.3659


328.9691,
341.6183, 336.5793

 26.1725, 26.7099,
22.8952


 71.4367, 73.5405,
67.6427

 17.0861, 17.3555,
14.3116


 93.7443, 96.6878,
90.2858

 10.3916, 10.4883,
8.1965


120.2705,
124.2443, 117.4902

 5.7236, 5.7239,
4.1313

151.3807,
156.5943, 149.6743

 2.7168, 2.6779,
1.6977

187.4404,
194.1224, 187.2567

 1.0058, 0.9660,
0.3591

228.8147,

 0.0000, 0.0000,

237.2128, 230.6560

0.0000

275.8692,
286.2500, 280.2907

■ 38.0162, 38.9360,
34.3659

■ 38.0162, 38.9360,
34.3659

■ 35.0465, 35.1515,
26.7322

■ 41.3362, 43.0601,
43.2281

■ 32.4111, 31.6922,
20.2693

■ 45.0155, 47.5275,
53.3679

■ 30.0972, 28.5498,
14.9187

■ 49.0668, 52.3486,
64.8347

■ 28.0900, 25.7140,
10.6158

■ 53.5010, 57.5315,
77.6746

■ 26.3730, 23.1736,
7.2891

■ 58.3286, 63.0842,
91.9315

■ 24.9283, 20.9165,
4.8581

■ 62.9743, 68.7800,
104.5645

■ 23.7351, 18.9294,
3.2293

■ 65.5100, 73.8515,
105.4098

■ 22.7649, 17.1957,
2.2686

■ 68.1851, 79.2016,
106.3015

■ 22.5133, 16.7380,
2.0442

■ 71.0017, 84.8348,
107.2403

Harmonies

Analogous

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



39.4249, 38.9360, 36.6610



38.0162, 38.9360, 34.3659



36.3760, 38.9360, 34.1233

Triad

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



38.0162, 38.9360, 34.3659



33.9938, 38.9360, 44.2398



39.1472, 38.9360, 49.5401

Complementary

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



38.0162, 38.9360, 34.3659



34.5542, 37.0919, 49.0546

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.



37.6463, 38.9360, 51.9051



38.0162, 38.9360, 34.3659



34.6910, 38.9360, 48.6970

Square

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



38.0162, 38.9360, 34.3659



34.0862, 38.9360, 39.5957



36.0168, 38.9360, 51.5856



40.0911, 38.9360, 45.3226

Rectangle

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



38.0162, 38.9360, 34.3659



35.3752, 38.9360, 35.1346



36.0168, 38.9360, 51.5856



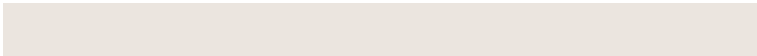
38.6892, 38.9360, 50.5917

Sweetspot

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



38.0173, 38.9377, 34.3667



75.3249, 78.7032, 80.9414



36.8473, 34.3908, 40.7809



16.1852, 16.8942, 17.2346



86.6293, 91.1408, 99.2523



17.0014, 17.8868, 19.4787

Same Dimension

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



38.0173, 38.9377, 34.3667



65.7654, 66.7993, 55.5114



40.9805, 44.8641, 35.3545



8.8245, 9.1614, 8.9558



15.5889, 11.6764, 1.4322



0.5490, 0.4844, 0.0646

Inverse Universe

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



34.5542, 37.0919, 49.0546



58.2596, 62.7984, 87.3453



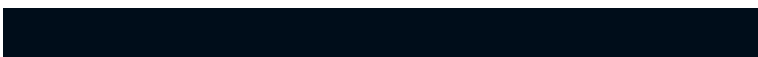
31.9077, 31.7987, 48.1724



8.3925, 8.9312, 10.7879



8.5422, 7.8848, 31.2087



0.3269, 0.3643, 1.0013

Previews

White Background



This preview shows how the XYZ color 38.0162, 38.9360, 34.3659 looks on a white background.

Color Contrast Check

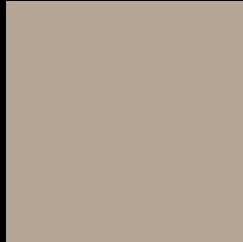
Large Text (above 18pt) WCAG AA × Fail

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 38.0162, 38.9360, 34.3659 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

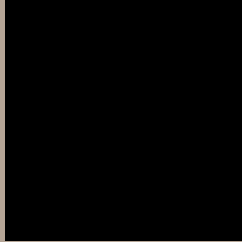
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 38.0162, 38.9360, 34.3659

Background



This preview shows how black text looks on a background with the XYZ color 38.0162, 38.9360, 34.3659.



This preview shows how white text looks on a background with the XYZ color 38.0162, 38.9360,

34.3659.

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

38.0162, 38.9360, 34.3659

Protanopia

37.0838, 38.9858, 34.8486

Deuteranopia

39.7414, 39.0222, 34.7156



Tritanopia

40.1520, 38.7361, 45.4050

Trichromacy



Original Color

38.0162, 38.9360, 34.3659

Protanomaly

37.3536, 38.8539, 34.8090

Deuteranomaly

39.1766, 38.9935, 34.7398

Tritanomaly

39.2403, 38.6246, 40.9844

Monochromacy



Original Color

38.0162, 38.9360, 34.3659

Achromatopsia

37.2190, 39.1572, 42.6422

Achromatomaly

37.4853, 39.0949, 39.2886

CSS Examples

Text

The CSS property to change the color of the text to XYZ 38.0162, 38.9360, 34.3659 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(181, 165, 150)` looks like.

```
.text, #text, p{  
    color:rgb(181, 165, 150)  
}
```

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(181, 165, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 165, 150) }
```

Border

The CSS property to change the border of an element to XYZ 38.0162, 38.9360, 34.3659 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(181, 165, 150) }
```


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

```
.border{ border-color:rgb(181, 165, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 165, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 165, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 165, 150);  
box-shadow:4px 4px 4px 4px rgb(181, 165,  
150) }
```

Background

The CSS property to change the background color of an element to XYZ 38.0162, 38.9360, 34.3659 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 165, 150) }
```

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

```
.background{ background-color: rgb(181,  
165, 150) }
```

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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