

Converting Colors

XYZ(38.0004, 38.8594, 36.7805)

Have a look what the booklet for
XYZ(38.0004, 38.8594, 36.7805)
contains.

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Color

**XYZ(38.0463, 38.8943,
36.9546)**

Conversions

Conversions Part 1

Format	Color
Hex	B3A59C
RGB	179, 165, 156
RGB Percent	70%, 65%, 61%
CMY	0.2980, 0.3529, 0.3882
CMYK	0.00, 0.08, 0.13, 0.30
HSL	23°, 13%, 66%
HSV	23°, 13%, 70%
XYZ	38.0463, 38.8943, 36.9546
YIQ	168.1600, 11.2330, 0.1690

Conversions

Conversions Part 2

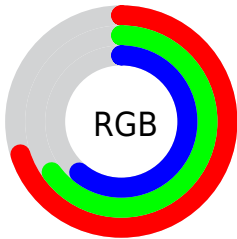
Format	Color
RYB	179, 171, 156
Decimal	11773340
CIELab	68.67, 3.52, 6.48
CIELCh	69, 7.374, 61.532
Yxy	38.8943, 0.3340, 0.3415
Android (android.graphics.Color)	4289963420 (0xFFB3A59C)
YUV	168.1600, -5.9949, 9.5067
Hunter-Lab	62.3653, -0.2443, 8.5234

Details

The XYZ color **38.0463, 38.8943, 36.9546** is a light color, and the websafe version is hex **999999**. A complement of this color would be **36.2215, 39.0712, 48.2806**, and the grayscale version is **37.3236, 39.2673, 42.7621**.

A 20% lighter version of the original color is **71.4870, 73.5017, 71.3922**, and **17.0591, 17.2658, 15.7981** is the 20% darker color. If you saturate the color by 10%, you get **34.7594, 34.5697, 28.9238**, and if you desaturate by 10%, it is **41.7262, 43.6464, 46.2194**.

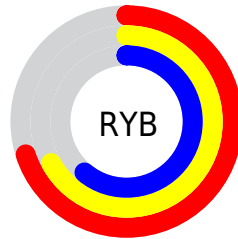
Distribution



Red (70%)

Green (65%)

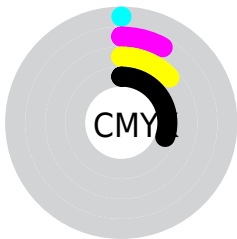
Blue (61%)



Red (70%)

Yellow (67%)

Blue (61%)

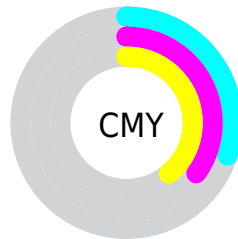


Cyan (0%)

Magenta (8%)

Yellow (13%)

Black (30%)



Cyan (30%)

Magenta (35%)

Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 38.0463, 38.8943, 36.9546 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 38.0463, 38.8943, 36.9546 by changing the saturation by 10% instead.

■ 38.0463, 38.8943,
36.9546

■ 38.0463, 38.8943,
36.9546

329.0960,
341.4409, 348.2767

■ 26.1960, 26.6775,
24.8768

■ 71.4825, 73.4768,
71.6885

■ 17.1038, 17.3312,
15.7671

■ 93.7992, 96.6113,
95.1817

■ 10.4043, 10.4709,
9.2070

120.3353,
124.1539, 123.3172

■ 5.7321, 5.7123,
4.7778

151.4563,
156.4889, 156.5134

■ 2.7220, 2.6709,
2.0610

187.5275,
194.0006, 195.1889

■ 1.0085, 0.9624,
0.5924

228.9143,

■ 0.0000, 0.0000,

237.0737, 239.7622

0.0000

275.9820,
286.0923, 290.6520

■ 38.0463, 38.8943,
36.9546

■ 38.0463, 38.8943,
36.9546

■ 34.7594, 34.5697,
28.9238

■ 41.7262, 43.6464,
46.2194

■ 31.8482, 30.6553,
22.0719

■ 45.8089, 48.8326,
56.7651

■ 29.2993, 27.1400,
16.3431

■ 50.3081, 54.4657,
68.6394

■ 27.0966, 24.0103,
11.6764

■ 55.2356, 60.5565,
81.8865

■ 25.2231, 21.2517,
8.0046

■ 60.6029, 67.1154,
96.5487

■ 23.6599, 18.8489,
5.2529

■ 65.0384, 73.5994,
105.3860

■ 22.3859, 16.7849,
3.3357

■ 68.1715, 79.8658,
106.4304

■ 21.3764, 15.0413,
2.1507

■ 71.4976, 86.5179,
107.5390

■ 20.7851, 13.9730,
1.6016

■ 72.4006, 88.3238,
107.8400

Harmonies

Analogous

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



38.9109, 38.8943, 39.0810



38.0463, 38.8943, 36.9546



36.9080, 38.8943, 36.2526

Triad

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



38.0463, 38.8943, 36.9546



34.7728, 38.8943, 42.5211



38.1522, 38.8943, 48.0581

Complementary

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



38.0463, 38.8943, 36.9546



36.2215, 39.0712, 48.2806

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.



37.0278, 38.8943, 49.0938



38.0463, 38.8943, 36.9546



35.0906, 38.8943, 45.7949

Square

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



38.0463, 38.8943, 36.9546



35.0328, 38.8943, 39.3633



35.9100, 38.8943, 48.2450



38.9729, 38.8943, 45.4825

Rectangle

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



38.0463, 38.8943, 36.9546



36.1515, 38.8943, 36.6558



35.9100, 38.8943, 48.2450



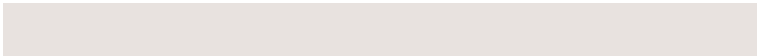
37.7964, 38.8943, 48.6038

Sweetspot

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



38.0474, 38.8960, 36.9554



73.8886, 77.0907, 80.6338



37.7524, 36.2704, 43.1328



16.2568, 16.9340, 17.5766



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.



38.0474, 38.8960, 36.9554



66.6623, 67.7295, 62.5287



40.1791, 43.1594, 37.6660



8.7601, 9.0328, 8.9343



14.7471, 9.9928, 1.1515



0.5217, 0.4298, 0.0555

Inverse Universe

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



36.2215, 39.0712, 48.2806



62.8437, 68.0953, 86.2127



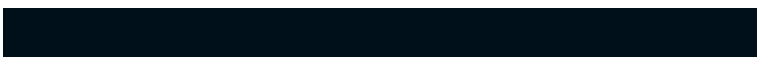
34.1913, 35.0107, 47.6038



8.4578, 9.0619, 10.8097



9.6736, 10.1475, 31.5858



0.3591, 0.4288, 1.0121

Previews

White Background



This preview shows how the XYZ color 38.0463, 38.8943, 36.9546 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 38.0463, 38.8943, 36.9546 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

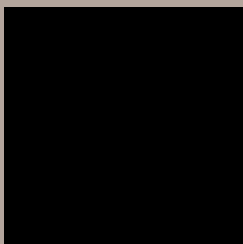
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 38.0463, 38.8943, 36.9546

Background



This preview shows how black text looks on a background with the XYZ color 38.0463, 38.8943, 36.9546.



This preview shows how white text looks on a background with the XYZ color 38.0463, 38.8943,

36.9546.

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

38.0463, 38.8943, 36.9546

Protanopia

37.1381, 38.9560, 37.4602

Deuteranopia

39.7452, 38.9663, 37.3247



Tritanopia

39.9496, 38.8809, 45.9566

Trichromacy



Original Color

38.0463, 38.8943, 36.9546

Protanomaly

37.4012, 38.8207, 37.4202

Deuteranomaly

39.1906, 38.9430, 37.3495

Tritanomaly

39.2211, 38.8453, 42.4765

Monochromacy



Original Color

38.0463, 38.8943, 36.9546

Achromatopsia

37.2190, 39.1572, 42.6422

Achromatomaly

37.5328, 39.0884, 40.6886

CSS Examples

Text

The CSS property to change the color of the text to XYZ 38.0463, 38.8943, 36.9546 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(179, 165, 156) looks like.

```
.text, #text, p{  
    color:rgb(179, 165, 156)  
}
```

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(179, 165, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 165, 156) }
```

Border

The CSS property to change the border of an element to XYZ 38.0463, 38.8943, 36.9546 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(179, 165, 156) }
```


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

```
.border{ border-color:rgb(179, 165, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 165, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 165, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 165, 156);  
box-shadow:4px 4px 4px 4px rgb(179, 165,  
156) }
```

Background

The CSS property to change the background color of an element to XYZ 38.0463, 38.8943, 36.9546 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 165, 156) }
```

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

```
.background{ background-color: rgb(179,  
165, 156) }
```

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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