

Converting Colors

XYZ(38.6147, 38.7521, 40.6762)

Have a look what the booklet for
XYZ(38.6147, 38.7521, 40.6762)
contains.

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Color

**XYZ(38.5667, 38.8150,
40.5813)**

Conversions

Conversions Part 1

Format	Color
Hex	B3A4A4
RGB	179, 164, 164
RGB Percent	70%, 64%, 64%
CMY	0.2980, 0.3568, 0.3569
CMYK	0.00, 0.08, 0.08, 0.30
HSL	0°, 9%, 67%
HSV	0°, 8%, 70%
XYZ	38.5667, 38.8150, 40.5813
YIQ	168.4850, 8.9400, 3.1800

Conversions

Conversions Part 2

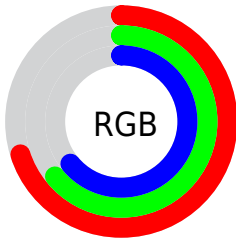
Format	Color
RYB	179, 164, 164
Decimal	11773092
CIELab	68.62, 5.44, 1.96
CIELCh	69, 5.779, 19.840
Yxy	38.8150, 0.3269, 0.3290
Android (android.graphics.Color)	4289963172 (0xFFB3A4A4)
YUV	168.4850, -2.2111, 9.2217
Hunter-Lab	62.3017, 1.4692, 4.9916

Details

The XYZ color **38.5667, 38.8150, 40.5813** is a light color, and the websafe version is hex **999999**. A complement of this color would be **39.5664, 43.3865, 48.9373**, and the grayscale version is **37.4663, 39.4174, 42.9256**.

A 20% lighter version of the original color is **72.3787, 73.4397, 77.3783**, and **17.3230, 17.1938, 17.7350** is the 20% darker color. If you saturate the color by 10%, you get **34.0824, 32.2535, 31.6646**, and if you desaturate by 10%, it is **43.7315, 46.3723, 50.8483**.

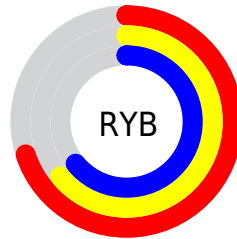
Distribution



Red (70%)

Green (64%)

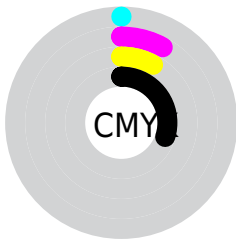
Blue (64%)



Red (70%)

Yellow (64%)

Blue (64%)

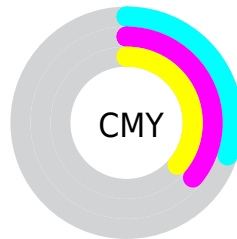


Cyan (0%)

Magenta (8%)

Yellow (8%)

Black (30%)



Cyan (30%)

Magenta (36%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 38.5667, 38.8150, 40.5813 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 38.5667, 38.8150, 40.5813 by changing the saturation by 10% instead.

■ 38.5667, 38.8150,
40.5813

■ 38.5667, 38.8150,
40.5813

331.2837,
341.1033, 364.1923

■ 26.6020, 26.6158,
27.6748

■ 72.2742, 73.3556,
77.2946

■ 17.4096, 17.2849,
17.8438

■ 94.7478, 96.4659,
101.9386

■ 10.6241, 10.4378,
10.6696

121.4550,
123.9819, 131.3321

■ 5.8801, 5.6902,
5.7338

152.7613,
156.2882, 165.8938

■ 2.8123, 2.6576,
2.6177

189.0319,
193.7691, 206.0421

■ 1.0553, 0.9557,
0.9016

230.6323,

■ 0.0000, 0.0000,

236.8090, 252.1955

0.0000

277.9278,
285.7922, 304.7728

■ 38.5667, 38.8150,
40.5813

■ 38.5667, 38.8150,
40.5813

■ 34.0824, 32.2535,
31.6646

■ 43.7315, 46.3723,
50.8483

■ 30.2470, 26.6414,
24.0396

■ 49.5999, 54.9590,
62.5159

■ 27.0316, 21.9364,
17.6473

■ 56.1982, 64.6137,
75.6347

■ 24.4036, 18.0908,
12.4230

■ 63.5502, 75.3711,
90.2522

■ 22.3275, 15.0528,
8.2961

■ 71.6787, 87.2647,
106.4138

■ 20.7640, 12.7649,
5.1884

■ 72.4006, 88.3238,
107.8400

■ 19.6686, 11.1618,
3.0113

■ 18.9893, 10.1675,
1.6615

■ 18.6384, 9.6540,
0.9643

Harmonies

Analogous

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



38.6456, 38.8150, 43.1551



38.5667, 38.8150, 40.5813



38.0350, 38.8150, 38.5398

Triad

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



38.5667, 38.8150, 40.5813



35.5685, 38.8150, 39.1061



36.5840, 38.8150, 47.4015

Complementary

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



38.5667, 38.8150, 40.5813



39.5664, 43.3865, 48.9373

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.



35.7731, 38.8150, 46.2184



38.5667, 38.8150, 40.5813



35.1932, 38.8150, 41.3832

Square

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



38.5667, 38.8150, 40.5813



36.3005, 38.8150, 37.7127



35.2675, 38.8150, 43.9904



37.4908, 38.8150, 47.1652

Rectangle

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



38.5667, 38.8150, 40.5813



37.5002, 38.8150, 37.7216



35.2675, 38.8150, 43.9904



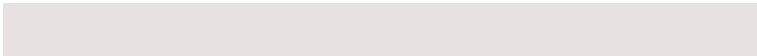
36.2914, 38.8150, 47.1548

Sweetspot

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



38.5678, 38.8167, 40.5821



73.8472, 76.5044, 82.1721



40.0030, 39.3898, 48.1428



16.1967, 16.7094, 17.8789



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.



38.5678, 38.8167, 40.5821



67.5481, 67.2874, 69.6486



39.9492, 41.5796, 41.0426



8.4965, 8.5056, 8.8465



13.1372, 6.7731, 0.6149



0.4134, 0.2132, 0.0194

Inverse Universe

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



39.5664, 43.3865, 48.9373



69.6925, 77.1002, 87.5898



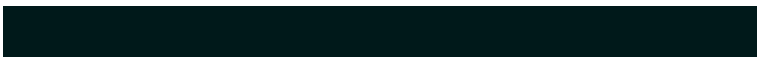
38.1046, 40.4628, 48.4500



8.7425, 9.6312, 10.9046



17.1354, 25.0711, 34.0731



0.5392, 0.7889, 1.0721

Previews

White Background



This preview shows how the XYZ color 38.5667, 38.8150, 40.5813 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 38.5667, 38.8150, 40.5813 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

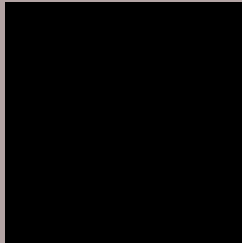
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 38.5667, 38.8150, 40.5813

Background



This preview shows how black text looks on a background with the XYZ color 38.5667, 38.8150, 40.5813.



This preview shows how white text looks on a background with the XYZ color 38.5667, 38.8150,

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

38.5667, 38.8150, 40.5813

Protanopia

37.4048, 39.0120, 41.1559

Deuteranopia

39.6288, 38.8353, 40.5293



Tritanopia

39.7142, 38.7596, 45.9456

Trichromacy



Original Color

38.5667, 38.8150, 40.5813

Protanomaly

37.8833, 38.9877, 41.1260

Deuteranomaly

39.3265, 38.9420, 40.5658

Tritanomaly

39.2703, 38.8380, 43.9548

Monochromacy



Original Color

38.5667, 38.8150, 40.5813

Achromatopsia

37.2190, 39.1572, 42.6422

Achromatomaly

37.8070, 39.1981, 42.1326

CSS Examples

Text

The CSS property to change the color of the text to XYZ 38.5667, 38.8150, 40.5813 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, 164, 164)` looks like.

```
.text, #text, p{  
    color:rgb(179, 164, 164)  
}
```

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, 164, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 164, 164) }
```

Border

The CSS property to change the border of an element to XYZ 38.5667, 38.8150, 40.5813 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, 164, 164) }
```


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

```
.border{ border-color:rgb(179, 164, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 164, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 164, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 164, 164);  
box-shadow:4px 4px 4px 4px rgb(179, 164,  
164) }
```

Background

The CSS property to change the background color of an element to XYZ 38.5667, 38.8150, 40.5813 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 164, 164) }
```

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

```
.background{ background-color: rgb(179,  
164, 164) }
```

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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