

Converting Colors

XYZ(38.6324, 39.0913, 41.0769)

Have a look what the booklet for
XYZ(38.6324, 39.0913, 41.0769)
contains.

XYZ(38.6068, 39.0919, 41.1080)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(38.6068, 39.0919,
41.1080)**

Conversions

Conversions Part 1

Format	Color
Hex	B2A5A5
RGB	178, 165, 165
RGB Percent	70%, 65%, 65%
CMY	0.3020, 0.3529, 0.3529
CMYK	0.00, 0.07, 0.07, 0.30
HSL	0°, 8%, 67%
HSV	0°, 7%, 70%
XYZ	38.6068, 39.0919, 41.1080
YIQ	168.8870, 7.7480, 2.7560

Conversions

Conversions Part 2

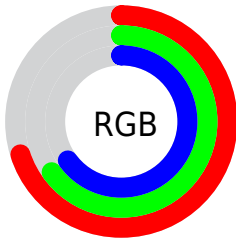
Format	Color
RYB	178, 165, 165
Decimal	11707813
CIELab	68.82, 4.70, 1.69
CIELCh	69, 4.993, 19.753
Yxy	39.0919, 0.3250, 0.3290
Android (android.graphics.Color)	4289897893 (0xFFB2A5A5)
YUV	168.8870, -1.9163, 7.9921
Hunter-Lab	62.5235, 0.8034, 4.7844

Details

The XYZ color **38.6068, 39.0919, 41.1080** is a light color, and the websafe version is hex **999999**. A complement of this color would be **39.4732, 43.0538, 48.3498**, and the grayscale version is **37.6637, 39.6251, 43.1517**.

A 20% lighter version of the original color is **72.4432, 73.8461, 78.1457**, and **17.3432, 17.3625, 18.0600** is the 20% darker color. If you saturate the color by 10%, you get **34.1088, 32.5104, 32.1640**, and if you desaturate by 10%, it is **43.7792, 46.6603, 51.3903**.

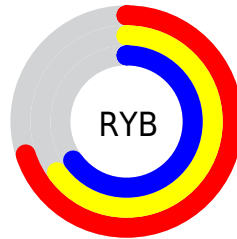
Distribution



Red (70%)

Green (65%)

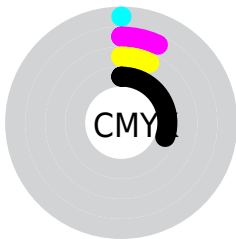
Blue (65%)



Red (70%)

Yellow (65%)

Blue (65%)

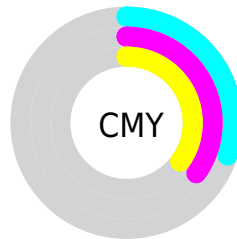


Cyan (0%)

Magenta (7%)

Yellow (7%)

Black (30%)



Cyan (30%)

Magenta (35%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 38.6068, 39.0919, 41.1080 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 38.6068, 39.0919, 41.1080 by changing the saturation by 10% instead.

■ 38.6068, 39.0919,
41.1080

■ 38.6068, 39.0919,
41.1080

331.4519,
342.2811, 366.4618

■ 26.6333, 26.8312,
28.0831

■ 72.3352, 73.7787,
78.1033

■ 17.4332, 17.4465,
18.1488

■ 94.8208, 96.9736,
102.9108

■ 10.6410, 10.5534,
10.8863

121.5412,
124.5820, 132.4829

■ 5.8915, 5.7674,
5.8772

152.8617,
156.9884, 167.2382

■ 2.8193, 2.7041,
2.7030

189.1476,
194.5771, 207.5952

■ 1.0589, 0.9793,
0.9449

230.7644,

■ 0.0000, 0.0000,

237.7325, 253.9724

0.0000

278.0774,
286.8390, 306.7884

■ 38.6068, 39.0919,
41.1080

■ 38.6068, 39.0919,
41.1080

■ 34.1088, 32.5104,
32.1640

■ 43.7792, 46.6603,
51.3903

■ 30.2543, 26.8703,
24.5008

■ 49.6486, 55.2485,
63.0601

■ 27.0148, 22.1302,
18.0607

■ 56.2409, 64.8942,
76.1671

■ 24.3586, 18.2434,
12.7804

■ 63.5793, 75.6317,
90.7579

■ 22.2511, 15.1594,
8.5909

■ 71.6863, 87.4936,
106.8770

■ 20.6539, 12.8220,
5.4161

■ 72.1703, 88.2051,
107.8292

■ 19.5237, 11.1681,
3.1700

■ 18.8103, 10.1239,
1.7525

■ 18.4392, 9.5808,
1.0153

Harmonies

Analogous

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



38.6738, 39.0919, 43.3447



38.6068, 39.0919, 41.1080



38.1478, 39.0919, 39.3229

Triad

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



38.6068, 39.0919, 41.1080



36.0059, 39.0919, 39.8095



36.8856, 39.0919, 47.0001

Complementary

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



38.6068, 39.0919, 41.1080



39.4732, 43.0538, 48.3498

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.



36.1809, 39.0919, 45.9793



38.6068, 39.0919, 41.1080



35.6778, 39.0919, 41.7936

Square

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



38.6068, 39.0919, 41.1080



36.6436, 39.0919, 38.5919



35.7414, 39.0919, 44.0549



37.6725, 39.0919, 46.8006

Rectangle

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



38.6068, 39.0919, 41.1080



37.6850, 39.0919, 38.6039



35.7414, 39.0919, 44.0549



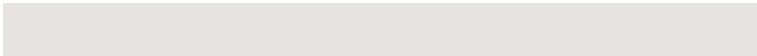
36.6314, 39.0919, 46.7869

Sweetspot

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



38.6079, 39.0936, 41.1088



74.7980, 77.8956, 84.0625



39.8517, 39.5902, 47.6613



16.5939, 17.2906, 18.6686



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.



38.6079, 39.0936, 41.1088



68.4103, 68.5490, 71.3625



39.8097, 41.4972, 41.5094



8.4965, 8.5056, 8.8465



13.1373, 6.7731, 0.6149



0.4134, 0.2132, 0.0194

Inverse Universe

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



39.4732, 43.0538, 48.3498



70.3532, 77.4408, 87.6207



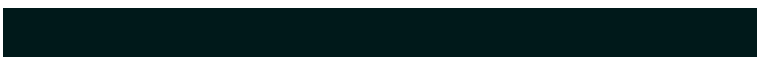
38.2110, 40.5293, 47.9290



8.7425, 9.6312, 10.9046



17.1348, 25.0699, 34.0729



0.5392, 0.7889, 1.0721

Previews

White Background



This preview shows how the XYZ color 38.6068, 39.0919, 41.1080 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 38.6068, 39.0919, 41.1080 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

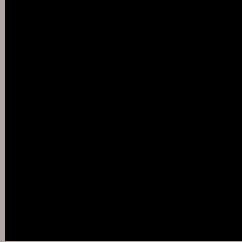
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 38.6068, 39.0919, 41.1080

Background



This preview shows how black text looks on a background with the XYZ color 38.6068, 39.0919, 41.1080.



This preview shows how white text looks on a background with the XYZ color 38.6068, 39.0919,

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

38.6068, 39.0919, 41.1080

Protanopia

37.4962, 39.0485, 41.6372

Deuteranopia

39.7194, 38.8716, 41.0068



Tritanopia

39.7561, 39.0323, 46.5129

Trichromacy



Original Color

38.6068, 39.0919, 41.1080

Protanomaly

37.9747, 39.0243, 41.6074

Deuteranomaly

39.1801, 38.8561, 41.0323

Tritanomaly

39.3123, 39.1132, 44.5073

Monochromacy



Original Color

38.6068, 39.0919, 41.1080

Achromatopsia

37.7116, 39.6755, 43.2066

Achromatomaly

38.0838, 39.6031, 42.6827

CSS Examples

Text

The CSS property to change the color of the text to XYZ 38.6068, 39.0919, 41.1080 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(178, 165, 165)` looks like.

```
.text, #text, p{  
    color:rgb(178, 165, 165)  
}
```

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(178, 165, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 165, 165) }
```

Border

The CSS property to change the border of an element to XYZ 38.6068, 39.0919, 41.1080 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(178, 165, 165) }
```


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

```
.border{ border-color:rgb(178, 165, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 165, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 165, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 165, 165);  
box-shadow:4px 4px 4px 4px rgb(178, 165,  
165) }
```

Background

The CSS property to change the background color of an element to XYZ 38.6068, 39.0919, 41.1080 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 165, 165) }
```

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

```
.background{ background-color: rgb(178,  
165, 165) }
```

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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