

Converting Colors

XYZ(38.1998, 42.3469, 39.5154)

Have a look what the booklet for
XYZ(38.1998, 42.3469, 39.5154)
contains.

XYZ(38.2158, 42.3072, 39.4096)	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(38.2158, 42.3072,
39.4096)**

Conversions

Conversions Part 1

Format	Color
Hex	A8B1A0
RGB	168, 177, 160
RGB Percent	66%, 69%, 63%
CMY	0.3412, 0.3059, 0.3725
CMYK	0.05, 0.00, 0.10, 0.31
HSL	92°, 10%, 66%
HSV	92°, 10%, 69%
XYZ	38.2158, 42.3072, 39.4096
YIQ	172.3710, 0.0930, -7.1950

Conversions

Conversions Part 2

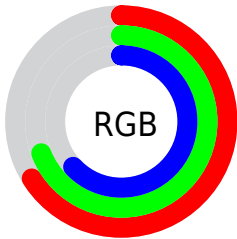
Format	Color
RYB	160, 177, 169
Decimal	11055520
CIELab	71.08, -6.32, 7.61
CIELCh	71, 9.890, 129.690
Yxy	42.3072, 0.3186, 0.3528
Android (android.graphics.Color)	4289245600 (0xFFA8B1A0)
YUV	172.3710, -6.0989, -3.8334
Hunter-Lab	65.0440, -8.9515, 9.6075

Details

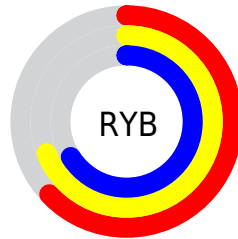
The XYZ color **38.2158, 42.3072, 39.4096** is a light color, and the websafe version is hex **999999**. A complement of this color would be **36.8704, 36.7521, 46.7478**, and the grayscale version is **39.4316, 41.4851, 45.1773**.

A 20% lighter version of the original color is **71.8361, 78.8721, 75.7276**, and **17.1704, 19.2324, 17.2753** is the 20% darker color. If you saturate the color by 10%, you get **34.8527, 40.7410, 31.7367**, and if you desaturate by 10%, it is **41.9456, 44.0394, 48.2523**.

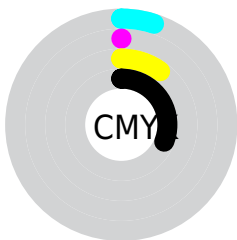
Distribution



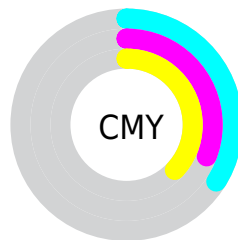
- Red (66%)
- Green (69%)
- Blue (63%)



- Red (63%)
- Yellow (69%)
- Blue (66%)



- Cyan (5%)
- Magenta (0%)
- Yellow (10%)
- Black (31%)



- Cyan (34%)
- Magenta (31%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 38.2158, 42.3072, 39.4096 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 38.2158, 42.3072, 39.4096 by changing the saturation by 10% instead.

■ 38.2158, 42.3072,
39.4096

■ 38.2158, 42.3072,
39.4096

329.8097,
355.7548, 359.1066

■ 26.3282, 29.3419,
26.7682

■ 71.7406, 78.6643,
75.4909

■ 17.2033, 19.3396,
17.1683

■ 94.1084, 102.8250,
99.7678

■ 10.4757, 11.9159,
10.1914

120.7004,
131.4862, 128.7604

■ 5.7802, 6.6865,
5.4188

151.8819,
165.0324, 162.8872

■ 2.7513, 3.2668,
2.4320

188.0182,
203.8480, 202.5666

■ 1.0236, 1.2726,
0.8038

229.4747,

■ 0.0000, 0.1198,

248.3173, 248.2173

0.0000

276.6167,
298.8248, 300.2578

0.0000, 0.0000,
0.0000

38.2158, 42.3072,
39.4096

38.2158, 42.3072,
39.4096

34.8527, 40.7410,
31.7367

41.9456, 44.0394,
48.2523

31.8404, 39.3301,
25.1818

46.0503, 45.9371,
58.3081

29.1673, 38.0708,
19.6935

50.5420, 48.0069,
69.6215

26.8192, 36.9570,
15.2151

55.4314, 50.2534,
82.2338

24.7811, 35.9823,
11.6848

60.7286, 52.6809,
96.1847

■ 23.0366, 35.1399,
9.0338

■ 64.5865, 54.5509,
101.7330

■ 21.5672, 34.4218,
7.1843

■ 67.5760, 56.0921,
101.8729

■ 20.3519, 33.8193,
6.0446

■ 70.7283, 57.7171,
102.0205

■ 19.3517, 33.3162,
5.4308

■ 74.0456, 59.4273,
102.1757

Harmonies

Analogous

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



39.6791, 42.3072, 37.6623



38.2158, 42.3072, 39.4096



37.3039, 42.3072, 42.9774

Triad

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



38.2158, 42.3072, 39.4096



39.1185, 42.3072, 55.1406



43.4269, 42.3072, 44.5501

Complementary

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



38.2158, 42.3072, 39.4096



36.8704, 36.7521, 46.7478

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.



43.2669, 42.3072, 49.2978



38.2158, 42.3072, 39.4096



40.7491, 42.3072, 55.6336

Square

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



38.2158, 42.3072, 39.4096



37.8151, 42.3072, 52.1268



42.2760, 42.3072, 53.4312



42.7075, 42.3072, 40.4930

Rectangle

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



38.2158, 42.3072, 39.4096



37.1163, 42.3072, 46.0161



42.2760, 42.3072, 53.4312



43.4746, 42.3072, 46.1146

Sweetspot

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



38.2170, 42.3090, 39.4105



72.7437, 77.7679, 80.7169



38.6259, 40.1821, 38.9784



15.6483, 16.7996, 17.2155



84.5950, 89.0005, 96.9216



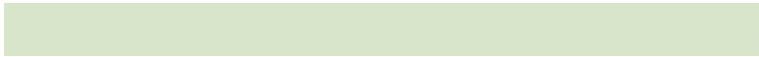
16.2198, 17.0645, 18.5832

Same Dimension

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



38.2170, 42.3090, 39.4105



66.8139, 75.0127, 66.8097



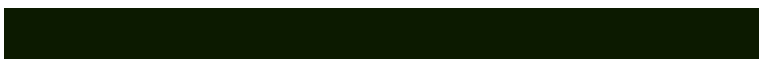
36.5905, 41.4677, 39.4640



8.7565, 9.6795, 9.0593



14.0627, 24.1597, 3.9221



0.5100, 0.7950, 0.1266

Inverse Universe

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



36.8704, 36.7521, 46.7478



63.8034, 62.5891, 83.2134



38.6115, 37.6529, 46.6819



8.4571, 8.4442, 10.6905



9.1443, 4.0498, 30.4367



0.3544, 0.1618, 0.9608

Previews

White Background



This preview shows how the XYZ color 38.2158, 42.3072, 39.4096 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 38.2158, 42.3072, 39.4096 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

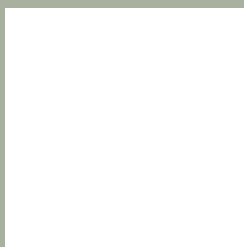
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 38.2158, 42.3072, 39.4096

Background



This preview shows how black text looks on a background with the XYZ color 38.2158, 42.3072, 39.4096.



This preview shows how white text looks on a background with the XYZ color 38.2158, 42.3072,

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

38.2158, 42.3072, 39.4096

Protanopia

40.1712, 42.1795, 38.3720

Deuteranopia

43.0299, 42.2160, 40.0630



Tritanopia

40.9265, 42.2457, 53.0109

Trichromacy



Original Color

38.2158, 42.3072, 39.4096

Protanomaly

39.2986, 42.0054, 38.8375

Deuteranomaly

41.0035, 42.0133, 39.6665

Tritanomaly

39.8665, 42.1044, 47.6207

Monochromacy



Original Color

38.2158, 42.3072, 39.4096

Achromatopsia

39.2122, 41.2543, 44.9259

Achromatomaly

38.9985, 41.7572, 43.0503

CSS Examples

Text

The CSS property to change the color of the text to XYZ 38.2158, 42.3072, 39.4096 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(168, 177, 160)` looks like.

```
.text, #text, p{  
    color:rgb(168, 177, 160)  
}
```

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(168, 177, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 177, 160) }
```

Border

The CSS property to change the border of an element to XYZ 38.2158, 42.3072, 39.4096 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(168, 177, 160) }
```


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

```
.border{ border-color:rgb(168, 177, 160) }
```

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

Here you see how a box with a 4 pixel rgb(168, 177, 160) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 177, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 177, 160);  
box-shadow:4px 4px 4px 4px rgb(168, 177,  
160) }
```

Background

The CSS property to change the background color of an element to XYZ 38.2158, 42.3072, 39.4096 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 177, 160) }
```

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

```
.background{ background-color: rgb(168,  
177, 160) }
```

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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