

Converting Colors

XYZ(38.2094, 39.0946, 42.5543)

Have a look what the booklet for
XYZ(38.2094, 39.0946, 42.5543)
contains.

XYZ(38.1597, 39.0983, 42.5813)	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(38.1597, 39.0983,
42.5813)**

Conversions

Conversions Part 1

Format	Color
Hex	AEA6A8
RGB	174, 166, 168
RGB Percent	68%, 65%, 66%
CMY	0.3176, 0.3490, 0.3412
CMYK	0.00, 0.05, 0.03, 0.32
HSL	345°, 5%, 67%
HSV	345°, 5%, 68%
XYZ	38.1597, 39.0983, 42.5813
YIQ	168.6200, 4.1260, 2.3180

Conversions

Conversions Part 2

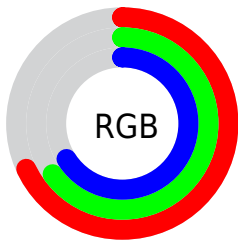
Format	Color
RYB	174, 166, 168
Decimal	11445928
CIELab	68.82, 3.24, -0.01
CIElCh	69, 3.244, 359.800
Yxy	39.0983, 0.3184, 0.3263
Android (android.graphics.Color)	4289636008 (0xFFAEA6A8)
YUV	168.6200, -0.3057, 4.7183
Hunter-Lab	62.5286, -0.4909, 3.3942

Details

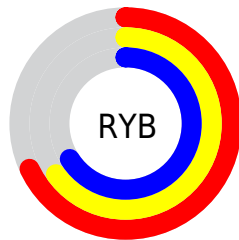
The XYZ color **38.1597, 39.0983, 42.5813** is a light color, and the websafe version is hex **999999**. A complement of this color would be **38.3099, 41.3587, 44.9957**, and the grayscale version is **37.5254, 39.4797, 42.9934**.

A 20% lighter version of the original color is **71.4888, 73.6986, 80.2694**, and **17.1957, 17.4332, 18.9816** is the 20% darker color. If you saturate the color by 10%, you get **34.0526, 32.7334, 35.5101**, and if you desaturate by 10%, it is **42.8191, 46.3714, 50.4401**.

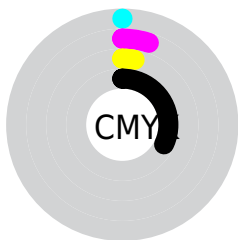
Distribution



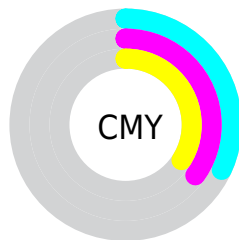
- Red (68%)
- Green (65%)
- Blue (66%)



- Red (68%)
- Yellow (65%)
- Blue (66%)



- Cyan (0%)
- Magenta (5%)
- Yellow (3%)
- Black (32%)



- Cyan (32%)
- Magenta (35%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 38.1597, 39.0983, 42.5813 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 38.1597, 39.0983, 42.5813 by changing the saturation by 10% instead.

■ 38.1597, 39.0983,
42.5813

■ 38.1597, 39.0983,
42.5813

329.5736,
342.3082, 372.7575

■ 26.2844, 26.8362,
29.2278

■ 71.6552, 73.7885,
80.3582

■ 17.1703, 17.4502,
19.0061

■ 94.0061, 96.9853,
105.6187

■ 10.4521, 10.5560,
11.4979

120.5796,
124.5959, 135.6852

■ 5.7643, 5.7691,
6.2844

151.7411,
157.0046, 170.9763

■ 2.7416, 2.7052,
2.9472

187.8558,
194.5958, 211.9105

■ 1.0186, 0.9798,
1.0677

229.2893,

■ 0.0000, 0.0000,

237.7538, 258.9065

0.0000

276.4067,
286.8632, 312.3826

■ 38.1597, 39.0983,
42.5813

■ 38.1597, 39.0983,
42.5813

■ 34.0526, 32.7334,
35.5101

■ 42.8191, 46.3714,
50.4401

■ 30.4739, 27.2360,
29.1993

■ 48.0470, 54.5810,
59.1074

■ 27.4026, 22.5699,
23.6239

■ 53.8632, 63.7609,
68.6064

■ 24.8153, 18.6943,
18.7567

■ 60.2852, 73.9414,
78.9588

■ 22.6865, 15.5651,
14.5686

■ 67.3301, 85.1514,
90.1852

■ 20.9884, 13.1337,
11.0284

■ 69.9013, 87.1930,
100.6016

■ 19.6901, 11.3458,
8.1024

■ 71.2658, 87.7388,
107.7869

■ 18.7562, 10.1389,
5.7536

■ 18.1446, 9.4376,
3.9404

Harmonies

Analogous

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



38.0232, 39.0983, 44.0123



38.1597, 39.0983, 42.5813



38.0267, 39.0983, 41.1790

Triad

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



38.1597, 39.0983, 42.5813



36.6723, 39.0983, 40.1602



36.6664, 39.0983, 45.0670

Complementary

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



38.1597, 39.0983, 42.5813



38.3099, 41.3587, 44.9957

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.



36.3100, 39.0983, 43.9948



38.1597, 39.0983, 42.5813



36.3134, 39.0983, 41.1623

Square

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



38.1597, 39.0983, 42.5813



37.1652, 39.0983, 39.8010



36.1814, 39.0983, 42.5615



37.1583, 39.0983, 45.4675

Rectangle

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



38.1597, 39.0983, 42.5813



37.8039, 39.0983, 40.4442



36.1814, 39.0983, 42.5615



36.5270, 39.0983, 44.7720

Sweetspot

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



38.1608, 39.1000, 42.5821



72.1261, 75.4503, 82.1730



38.2908, 39.1009, 45.5741



16.0409, 16.7854, 18.2810



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.



38.1608, 39.1000, 42.5821



68.0306, 69.0749, 75.2111



38.3424, 39.7587, 41.7318



8.3462, 8.4534, 9.2037



13.0036, 6.6640, 2.3984



0.3836, 0.1941, 0.1818

Inverse Universe

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



38.1608, 39.1000, 42.5821



68.0306, 69.0749, 75.2111



38.1198, 40.6693, 45.8858



8.3462, 8.4534, 9.2037



13.0036, 6.6640, 2.3984



0.3836, 0.1941, 0.1818

Previews

White Background



This preview shows how the XYZ color 38.1597, 39.0983, 42.5813 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 38.1597, 39.0983, 42.5813 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

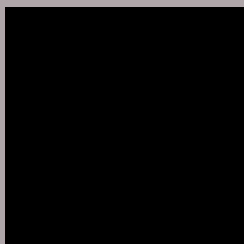
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

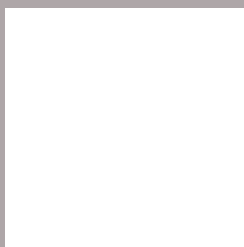
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 38.1597, 39.0983, 42.5813

Background



This preview shows how black text looks on a background with the XYZ color 38.1597, 39.0983, 42.5813.

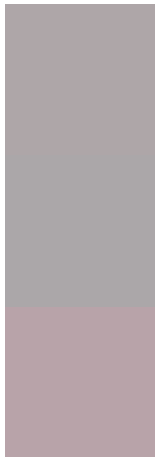


This preview shows how white text looks on a background with the XYZ color 38.1597, 39.0983,

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

38.1597, 39.0983, 42.5813

Protanopia

37.7747, 39.1599, 43.1038

Deuteranopia

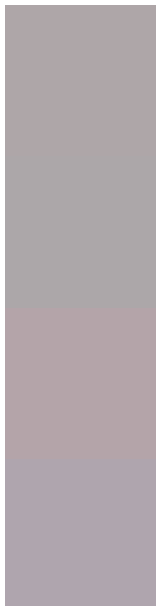
40.0258, 39.2493, 43.0024



Tritanopia

39.0701, 39.1986, 47.1018

Trichromacy



Original Color

38.1597, 39.0983, 42.5813

Protanomaly

37.9934, 39.2727, 43.1140

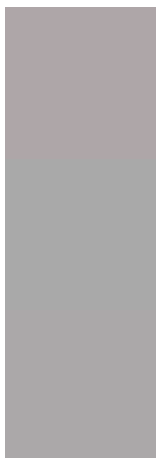
Deuteranomaly

39.2593, 39.1188, 43.0176

Tritanomaly

38.7743, 39.0802, 45.5440

Monochromacy



Original Color

38.1597, 39.0983, 42.5813

Achromatopsia

37.7116, 39.6755, 43.2066

Achromatomaly

37.9587, 39.5278, 43.1651

CSS Examples

Text

The CSS property to change the color of the text to XYZ 38.1597, 39.0983, 42.5813 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(174, 166, 168)` looks like.

```
.text, #text, p{  
    color:rgb(174, 166, 168)  
}
```

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(174, 166, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 166, 168) }
```

Border

The CSS property to change the border of an element to XYZ 38.1597, 39.0983, 42.5813 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(174, 166, 168) }
```


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

```
.border{ border-color:rgb(174, 166, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 166, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 166, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 166, 168);  
box-shadow:4px 4px 4px 4px rgb(174, 166,  
168) }
```

Background

The CSS property to change the background color of an element to XYZ 38.1597, 39.0983, 42.5813 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 166, 168) }
```

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

```
.background{ background-color: rgb(174,  
166, 168) }
```

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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