

Converting Colors

XYZ(39.4332, 38.1057, 57.4825)

Have a look what the booklet for
XYZ(39.4332, 38.1057, 57.4825)
contains.

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Color

**XYZ(39.5033, 38.1332,
57.5029)**

Conversions

Conversions Part 1

Format	Color
Hex	ABA1C4
RGB	171, 161, 196
RGB Percent	67%, 63%, 77%
CMY	0.3294, 0.3686, 0.2314
CMYK	0.13, 0.18, 0.00, 0.23
HSL	257°, 23%, 70%
HSV	257°, 18%, 77%
XYZ	39.5033, 38.1332, 57.5029
YIQ	167.9800, -5.2750, 13.0050

Conversions

Conversions Part 2

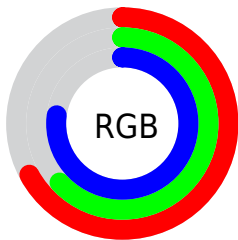
Format	Color
RYB	171, 161, 196
Decimal	11248068
CIELab	68.12, 10.56, -16.63
CIELCh	68, 19.697, 302.408
Yxy	38.1332, 0.2923, 0.2822
Android (android.graphics.Color)	4289438148 (0xFFABA1C4)
YUV	167.9800, 13.8139, 2.6485
Hunter-Lab	61.7521, 6.1217, -11.9838

Details

The XYZ color **39.5033, 38.1332, 57.5029** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **46.4239, 52.4931, 41.4054**, and the grayscale version is **37.1468, 39.0814, 42.5596**.

A 20% lighter version of the original color is **73.9640, 72.5345, 103.0307**, and **17.9589, 16.8122, 27.8897** is the 20% darker color. If you saturate the color by 10%, you get **33.4533, 30.3228, 56.3148**, and if you desaturate by 10%, it is **46.4156, 47.1871, 58.8868**.

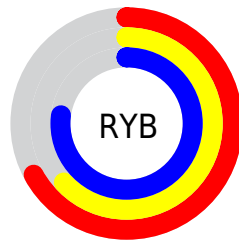
Distribution



Red (67%)

Green (63%)

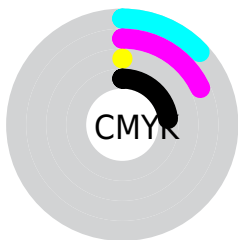
Blue (77%)



Red (67%)

Yellow (63%)

Blue (77%)

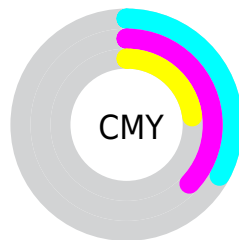


Cyan (13%)

Magenta (18%)

Yellow (0%)

Black (23%)



Cyan (33%)

Magenta (37%)

Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 39.5033, 38.1332, 57.5029 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 39.5033, 38.1332, 57.5029 by changing the saturation by 10% instead.

■ 39.5033, 38.1332,
57.5029

■ 39.5033, 38.1332,
57.5029

335.1960,
338.1910, 432.8775

■ 27.3340, 26.0861,
40.9971

■ 73.6957, 72.3123,
102.7062

■ 17.9621, 16.8881,
27.9971

■ 96.4495, 95.2130,
132.2408

■ 11.0223, 10.1547,
18.0845

123.4622,
122.5004, 166.9554

■ 6.1492, 5.5017,
10.8406

155.0991,
154.5588, 207.2686

■ 2.9776, 2.5445,
5.8469

191.7256,
191.7727, 253.5988

■ 1.1419, 0.8988,
2.6849

233.7070,

■ 0.0597, 0.0000,

234.5264, 306.3647

0.9358

281.4087,
283.2044, 365.9847

■ 0.0000, 0.0000,
0.0000

■ 39.5033, 38.1332,
57.5029

■ 39.5033, 38.1332,
57.5029

■ 33.4533, 30.3228,
56.3148

■ 46.4156, 47.1871,
58.8868

■ 28.2272, 23.6962,
55.3112

■ 54.2195, 57.5312,
60.4721

■ 23.7886, 18.1955,
54.4834

■ 62.9474, 69.2159,
62.2674

■ 20.0971, 13.7564,
53.8211

■ 72.6288, 82.2871,
64.2802

■ 17.1083, 10.3076,
53.3130

■ 82.0013, 94.2072,
66.0870

■ 14.7729, 7.7689,
52.9460

■ 86.9639, 96.7656,
66.3192

■ 13.0340, 6.0471,
52.7054

■ 11.8130, 5.0065,
52.5688

■ 11.5945, 4.8262,
52.5456

Harmonies

Analogous

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



36.4932, 38.1332, 60.8197



39.5033, 38.1332, 57.5029



41.7357, 38.1332, 49.8592

Triad

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



39.5033, 38.1332, 57.5029



39.0498, 38.1332, 28.2599



30.6573, 38.1332, 42.2354

Complementary

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



39.5033, 38.1332, 57.5029



46.4239, 52.4931, 41.4054

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.



31.2574, 38.1332, 34.1677



39.5033, 38.1332, 57.5029



35.9968, 38.1332, 26.8083

Square

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



39.5033, 38.1332, 57.5029



41.4636, 38.1332, 33.0980



33.1700, 38.1332, 28.8134



31.4828, 38.1332, 51.2630

Rectangle

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



39.5033, 38.1332, 57.5029



42.4205, 38.1332, 43.7959



33.1700, 38.1332, 28.8134



30.6990, 38.1332, 39.3254

Sweetspot

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



39.5045, 38.1348, 57.5037



87.8449, 90.4466, 107.4358



42.2395, 46.7167, 59.0161



18.5930, 19.0824, 22.9533



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



39.5045, 38.1348, 57.5037



67.5823, 63.9166, 103.3829



43.5517, 40.2212, 57.6932



9.7926, 9.8842, 12.6766



7.5242, 3.1393, 33.7660



0.3952, 0.1718, 1.4622

Inverse Universe

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



44.3739, 40.7722, 51.9870



77.9156, 69.5170, 91.5173



42.4471, 50.4430, 41.2192



10.3706, 10.1969, 12.0423



17.7079, 8.7729, 16.9057



0.7936, 0.3904, 0.8803

Previews

White Background



This preview shows how the XYZ color 39.5033, 38.1332, 57.5029 looks on a white background.

Color Contrast Check

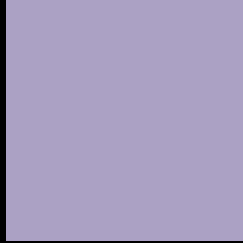
Large Text (above 18pt) WCAG AA × Fail

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 39.5033, 38.1332, 57.5029 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 39.5033, 38.1332, 57.5029

Background



This preview shows how black text looks on a background with the XYZ color 39.5033, 38.1332, 57.5029.



This preview shows how white text looks on a background with the XYZ color 39.5033, 38.1332,

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

39.5033, 38.1332, 57.5029

Protanopia

37.9463, 38.3584, 58.8300

Deuteranopia

39.0326, 38.1510, 57.5312



Tritanopia

37.3597, 38.0501, 46.9703

Trichromacy



Original Color

39.5033, 38.1332, 57.5029

Protanomaly

38.4578, 38.3687, 58.2023

Deuteranomaly

39.2463, 38.2612, 57.5412

Tritanomaly

38.1111, 38.0901, 50.6909

Monochromacy



Original Color

39.5033, 38.1332, 57.5029

Achromatopsia

37.2190, 39.1572, 42.6422

Achromatomaly

37.8532, 38.5596, 47.5672

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.5033, 38.1332, 57.5029 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(171, 161, 196)` looks like.

```
.text, #text, p{  
    color:rgb(171, 161, 196)  
}
```

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(171, 161, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 161, 196) }
```

Border

The CSS property to change the border of an element to XYZ 39.5033, 38.1332, 57.5029 is called "border". The border property can be set on classes, ids or directly on the HTML element.

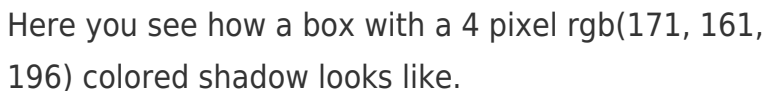
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(171, 161, 196) }
```


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

```
.border{ border-color:rgb(171, 161, 196) }
```

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



Here you see how a box with a 4 pixel `rgb(171, 161, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(171, 161, 196); -webkit-box-shadow:4px 4px 4px 4px rgb(171, 161, 196); box-shadow:4px 4px 4px 4px rgb(171, 161, 196) }
```

Background

The CSS property to change the background color of an element to XYZ 39.5033, 38.1332, 57.5029 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 161, 196) }
```

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

```
.background{ background-color: rgb(171,  
161, 196) }
```

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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