

Converting Colors

XYZ(39.9846, 38.1697, 56.0360)

Have a look what the booklet for
XYZ(39.9846, 38.1697, 56.0360)
contains.

XYZ(39.9876, 38.1506, 56.2952)	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(39.9876, 38.1506,
56.2952)**

Conversions

Conversions Part 1

Format	Color
Hex	AFA0C2
RGB	175, 160, 194
RGB Percent	69%, 63%, 76%
CMY	0.3137, 0.3725, 0.2392
CMYK	0.10, 0.18, 0.00, 0.24
HSL	266°, 22%, 69%
HSV	266°, 18%, 76%
XYZ	39.9876, 38.1506, 56.2952
YIQ	168.3610, -1.9740, 13.7540

Conversions

Conversions Part 2

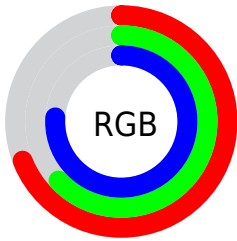
Format	Color
RYB	175, 160, 194
Decimal	11509954
CIELab	68.13, 12.02, -15.47
CIElCh	68, 19.589, 307.851
Yxy	38.1506, 0.2975, 0.2838
Android (android.graphics.Color)	4289700034 (0xFFAFA0C2)
YUV	168.3610, 12.6400, 5.8224
Hunter-Lab	61.7662, 7.4706, -10.8020

Details

The XYZ color **39.9876, 38.1506, 56.2952** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **44.2287, 50.7064, 40.7157**, and the grayscale version is **37.3383, 39.2828, 42.7789**.

A 20% lighter version of the original color is **74.6680, 72.5548, 101.3358**, and **18.2283, 16.9683, 27.1254** is the 20% darker color. If you saturate the color by 10%, you get **34.5471, 30.7377, 55.1517**, and if you desaturate by 10%, it is **46.1506, 46.7170, 57.6244**.

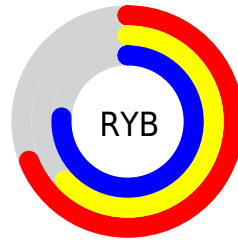
Distribution



Red (69%)

Green (63%)

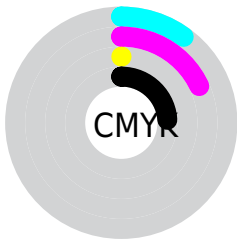
Blue (76%)



Red (69%)

Yellow (63%)

Blue (76%)

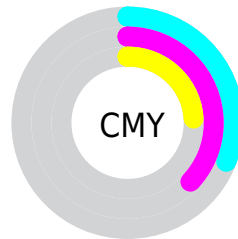


Cyan (10%)

Magenta (18%)

Yellow (0%)

Black (24%)



Cyan (31%)

Magenta (37%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 39.9876, 38.1506, 56.2952 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 39.9876, 38.1506, 56.2952 by changing the saturation by 10% instead.

■ 39.9876, 38.1506,
56.2952

■ 39.9876, 38.1506,
56.2952

337.2066,
338.2656, 428.2226

■ 27.7130, 26.0996,
40.0341

■ 74.4291, 72.3389,
100.9262

■ 18.2488, 16.8982,
27.2511

■ 97.3267, 95.2450,
130.1331

■ 11.2295, 10.1619,
17.5278

124.4961,
122.5382, 164.4923

■ 6.2899, 5.5064,
10.4456

156.3026,
154.6030, 204.4224

■ 3.0645, 2.5474,
5.5859

193.1115,
191.8238, 250.3420

■ 1.1879, 0.9003,
2.5303

235.2883,

■ 0.0968, 0.0000,

234.5848, 302.6695

0.8561

283.1982,
283.2706, 361.8235

■ 0.0000, 0.0000,
0.0000

■ 39.9876, 38.1506,
56.2952

■ 39.9876, 38.1506,
56.2952

■ 34.5471, 30.7377,
55.1517

■ 46.1506, 46.7170,
57.6244

■ 29.7968, 24.4227,
54.1831

■ 53.0597, 56.4797,
59.1447

■ 25.7070, 19.1523,
53.3814

■ 60.7418, 67.4853,
60.8641

■ 22.2442, 14.8668,
52.7368

■ 69.2211, 79.7764,
62.7896

■ 19.3715, 11.5004,
52.2384

■ 77.8781, 92.1078,
64.7135

■ 17.0480, 8.9789,
51.8741

■ 81.4508, 93.9496,
64.8807

■ 15.2260, 7.2155,
51.6298

■ 85.2434, 95.9047,
65.0582

■ 13.8397, 6.0871,
51.4851

■ 86.7377, 96.6751,
65.1282

■ 13.5372, 5.8538,
51.4560

Harmonies

Analogous

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



37.0697, 38.1506, 60.5406



39.9876, 38.1506, 56.2952



41.9805, 38.1506, 48.2128

Triad

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



39.9876, 38.1506, 56.2952



38.5218, 38.1506, 27.8206



30.7458, 38.1506, 43.8811

Complementary

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



39.9876, 38.1506, 56.2952



44.2287, 50.7064, 40.7157

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.



31.0861, 38.1506, 35.5123



39.9876, 38.1506, 56.2952



35.4642, 38.1506, 26.9990

Square

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



39.9876, 38.1506, 56.2952



41.1016, 38.1506, 32.0450



32.7734, 38.1506, 29.6178



31.8162, 38.1506, 52.7455

Rectangle

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



39.9876, 38.1506, 56.2952



42.4558, 38.1506, 42.1736



32.7734, 38.1506, 29.6178



30.7002, 38.1506, 40.9118

Sweetspot

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



39.9888, 38.1522, 56.2960



86.5459, 88.7593, 105.0406



40.4098, 43.7172, 57.3480



18.7625, 19.1698, 22.9612



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.



39.9888, 38.1522, 56.2960



68.5427, 63.7642, 101.1649



43.9803, 40.2099, 56.4828



9.9406, 9.9605, 12.6835



8.9912, 3.8956, 33.8346



0.4676, 0.2091, 1.4656

Inverse Universe

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



42.9569, 39.8673, 48.0807



74.9835, 67.4878, 83.2492



40.5928, 48.8320, 40.5456



10.3036, 10.1700, 11.6891



16.4636, 8.2752, 10.3534



0.7455, 0.3712, 0.6274

Previews

White Background



This preview shows how the XYZ color 39.9876, 38.1506, 56.2952 looks on a white background.

Color Contrast Check

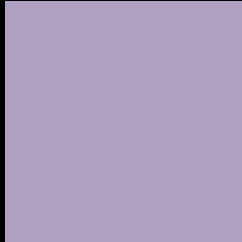
Large Text (above 18pt) WCAG AA × Fail

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 39.9876, 38.1506, 56.2952 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

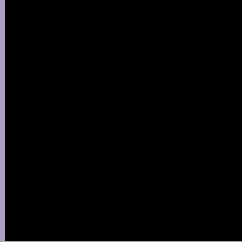
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 39.9876, 38.1506, 56.2952

Background



This preview shows how black text looks on a background with the XYZ color 39.9876, 38.1506, 56.2952.



This preview shows how white text looks on a background with the XYZ color 39.9876, 38.1506,

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

39.9876, 38.1506, 56.2952

Protanopia

37.8313, 38.3124, 58.2244

Deuteranopia

39.0201, 38.1707, 56.3500



Tritanopia

37.9469, 38.0996, 46.4282

Trichromacy



Original Color

39.9876, 38.1506, 56.2952

Protanomaly

38.5780, 38.1792, 57.5606

Deuteranomaly

39.2771, 38.0427, 56.3118

Tritanomaly

38.7012, 38.1438, 50.1225

Monochromacy



Original Color

39.9876, 38.1506, 56.2952

Achromatopsia

37.2190, 39.1572, 42.6422

Achromatomaly

38.1855, 38.7425, 47.0604

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.9876, 38.1506, 56.2952 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(175, 160, 194)` looks like.

```
.text, #text, p{  
    color:rgb(175, 160, 194)  
}
```

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(175, 160, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 160, 194) }
```

Border

The CSS property to change the border of an element to XYZ 39.9876, 38.1506, 56.2952 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(175, 160, 194) }
```


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

```
.border{ border-color:rgb(175, 160, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 160, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 160, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 160, 194);  
box-shadow:4px 4px 4px 4px rgb(175, 160,  
194) }
```

Background

The CSS property to change the background color of an element to XYZ 39.9876, 38.1506, 56.2952 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 160, 194) }
```

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

```
.background{ background-color: rgb(175,  
160, 194) }
```

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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