

Converting Colors

XYZ(39.2907, 38.4500, 52.7774)

Have a look what the booklet for
XYZ(39.2907, 38.4500, 52.7774)
contains.

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Color

**XYZ(39.2310, 38.3557,
52.9127)**

Conversions

Conversions Part 1

Format	Color
Hex	ADA2BC
RGB	173, 162, 188
RGB Percent	68%, 64%, 74%
CMY	0.3216, 0.3647, 0.2627
CMYK	0.08, 0.14, 0.00, 0.26
HSL	265°, 16%, 69%
HSV	265°, 14%, 74%
XYZ	39.2310, 38.3557, 52.9127
YIQ	168.2530, -1.7900, 10.4180

Conversions

Conversions Part 2

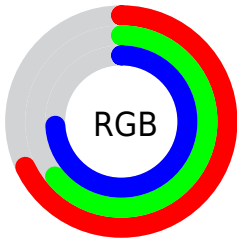
Format	Color
RYB	173, 162, 188
Decimal	11379388
CIELab	68.28, 8.99, -11.93
CIELCh	68, 14.937, 307.019
Yxy	38.3557, 0.3006, 0.2939
Android (android.graphics.Color)	4289569468 (0xFFADA2BC)
YUV	168.2530, 9.7353, 4.1631
Hunter-Lab	61.9320, 4.6904, -7.3031

Details

The XYZ color **39.2310, 38.3557, 52.9127** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **42.6377, 47.9232, 41.1871**, and the grayscale version is **37.2989, 39.2414, 42.7339**.

A 20% lighter version of the original color is **73.4551, 72.8154, 95.7712**, and **17.8343, 16.9661, 25.2565** is the 20% darker color. If you saturate the color by 10%, you get **33.8620, 31.0346, 51.7832**, and if you desaturate by 10%, it is **45.2922, 46.7706, 54.2181**.

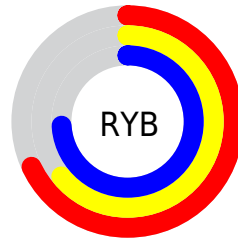
Distribution



Red (68%)

Green (64%)

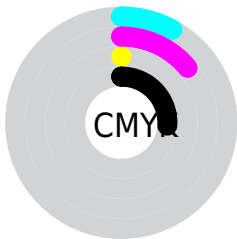
Blue (74%)



Red (68%)

Yellow (64%)

Blue (74%)

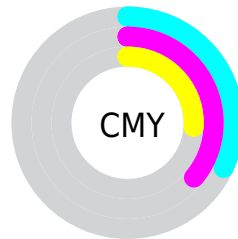


Cyan (8%)

Magenta (14%)

Yellow (0%)

Black (26%)



Cyan (32%)

Magenta (36%)

Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 39.2310, 38.3557, 52.9127 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 39.2310, 38.3557, 52.9127 by changing the saturation by 10% instead.

■ 39.2310, 38.3557,
52.9127

■ 39.2310, 38.3557,
52.9127

334.0619,
339.1434, 415.0069

■ 27.1210, 26.2589,
37.3458

■ 73.2829, 72.6530,
95.9161

■ 17.8012, 17.0174,
25.1775

■ 95.9555, 95.6223,
124.1898

■ 10.9062, 10.2469,
15.9891

122.8797,
122.9845, 157.5361

■ 6.0706, 5.5630,
9.3622

154.4208,
155.1240, 196.3737

■ 2.9291, 2.5812,
4.8781

190.9443,
192.4253, 241.1210

■ 1.1164, 0.9172,
2.1185

232.8153,

■ 0.0388, 0.0000,

235.2727, 292.1966

0.6267

280.3994,
284.0506, 350.0191

■ 0.0000, 0.0000,
0.0000

■ 39.2310, 38.3557,
52.9127

■ 39.2310, 38.3557,
52.9127

■ 33.8620, 31.0346,
51.7832

■ 45.2922, 46.7706,
54.2181

■ 29.1552, 24.7563,
50.8194

■ 52.0670, 56.3179,
55.7038

■ 25.0834, 19.4729,
50.0142

■ 59.5804, 67.0401,
57.3774

■ 21.6162, 15.1308,
49.3588

■ 67.8548, 78.9760,
59.2452

■ 18.7202, 11.6709,
48.8436

■ 76.5906, 91.5203,
61.2060

■ 16.3586, 9.0276,
48.4579

■ 80.1253, 93.3426,
61.3715

■ 14.4892, 7.1253,
48.1893

■ 83.8796, 95.2780,
61.5472

■ 13.0624, 5.8734,
48.0228

■ 86.0772, 96.4109,
61.6500

■ 12.3460, 5.3160,
47.9530

Harmonies

Analogous

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



37.0082, 38.3557, 55.8935



39.2310, 38.3557, 52.9127



40.7546, 38.3557, 46.9955

Triad

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



39.2310, 38.3557, 52.9127



38.2400, 38.3557, 30.9929



32.1724, 38.3557, 43.3564

Complementary

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



39.2310, 38.3557, 52.9127



42.6377, 47.9232, 41.1871

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.



32.4707, 38.3557, 36.9337



39.2310, 38.3557, 52.9127



35.9092, 38.3557, 30.2404

Square

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



39.2310, 38.3557, 52.9127



40.1656, 38.3557, 34.4788



33.8149, 38.3557, 32.3009



32.9821, 38.3557, 50.0066

Rectangle

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



39.2310, 38.3557, 52.9127



41.1337, 38.3557, 42.4362



33.8149, 38.3557, 32.3009



32.1470, 38.3557, 41.0967

Sweetspot

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



39.2322, 38.3573, 52.9135



81.8089, 84.3785, 98.2011



39.7338, 42.8237, 53.7492



17.4052, 17.8832, 21.0770



90.7827, 95.5105, 104.0109



18.6292, 19.5994, 21.3438

Same Dimension

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



39.2322, 38.3573, 52.9135



67.6049, 64.7182, 95.1549



42.2078, 39.8913, 53.0528



9.3888, 9.4173, 11.9951



8.4868, 3.6612, 32.6523



0.4072, 0.1820, 1.2825

Inverse Universe

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



41.5965, 39.7080, 47.0688



72.8779, 67.7322, 82.0469



39.8504, 46.4863, 41.0566



9.7547, 9.6262, 11.0970



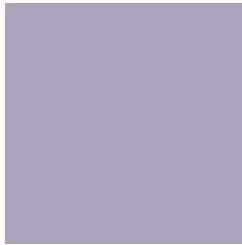
16.0180, 8.0384, 10.6544



0.6595, 0.3277, 0.5861

Previews

White Background



This preview shows how the XYZ color 39.2310, 38.3557, 52.9127 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 39.2310, 38.3557, 52.9127 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

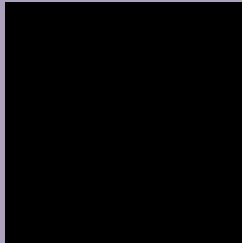
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 39.2310, 38.3557, 52.9127

Background



This preview shows how black text looks on a background with the XYZ color 39.2310, 38.3557, 52.9127.



This preview shows how white text looks on a background with the XYZ color 39.2310, 38.3557,

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

39.2310, 38.3557, 52.9127

Protanopia

37.6497, 38.3094, 54.1253

Deuteranopia

39.2310, 38.3557, 52.9127



Tritanopia

38.0059, 38.3832, 47.0005

Trichromacy



Original Color

39.2310, 38.3557, 52.9127

Protanomaly

38.1867, 38.3320, 53.5303

Deuteranomaly

39.2310, 38.3557, 52.9127

Tritanomaly

38.4509, 38.3012, 49.0824

Monochromacy



Original Color

39.2310, 38.3557, 52.9127

Achromatopsia

37.2190, 39.1572, 42.6422

Achromatomaly

37.9516, 38.9136, 46.0683

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.2310, 38.3557, 52.9127 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(173, 162, 188)` looks like.

```
.text, #text, p{  
    color:rgb(173, 162, 188)  
}
```

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(173, 162, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 162, 188) }
```

Border

The CSS property to change the border of an element to XYZ 39.2310, 38.3557, 52.9127 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(173, 162, 188) }
```


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

```
.border{ border-color:rgb(173, 162, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 162, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 162, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 162, 188);  
box-shadow:4px 4px 4px 4px rgb(173, 162,  
188) }
```

Background

The CSS property to change the background color of an element to XYZ 39.2310, 38.3557, 52.9127 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 162, 188) }
```

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

```
.background{ background-color: rgb(173,  
162, 188) }
```

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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