

Converting Colors

XYZ(39.2820, 38.2263, 59.9516)

Have a look what the booklet for
XYZ(39.2820, 38.2263, 59.9516)
contains.

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Color

**XYZ(39.2820, 38.2263,
59.9516)**

Conversions

Conversions Part 1

Format	Color
Hex	A7A2C8
RGB	167, 162, 200
RGB Percent	65%, 64%, 78%
CMY	0.3451, 0.3647, 0.2157
CMYK	0.16, 0.19, 0.00, 0.22
HSL	248°, 26%, 71%
HSV	248°, 19%, 78%
XYZ	39.2820, 38.2263, 59.9516
YIQ	167.8270, -9.2180, 12.8780

Conversions

Conversions Part 2

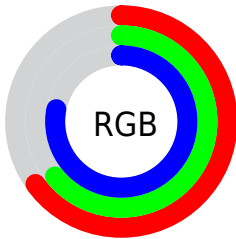
Format	Color
RYB	167, 162, 200
Decimal	10986184
CIELab	68.19, 9.56, -18.77
CIELCh	68, 21.070, 296.994
Yxy	38.2263, 0.2858, 0.2781
Android (android.graphics.Color)	4289176264 (0xFFA7A2C8)
YUV	167.8270, 15.8613, -0.7253
Hunter-Lab	61.8274, 5.2118, -14.2120

Details

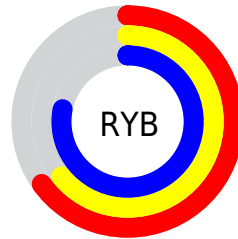
The XYZ color **39.2820, 38.2263, 59.9516** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **49.6829, 55.5203, 42.2821**, and the grayscale version is **37.0636, 38.9937, 42.4642**.

A 20% lighter version of the original color is **72.9871, 72.3753, 104.7307**, and **17.8345, 16.8720, 29.5108** is the 20% darker color. If you saturate the color by 10%, you get **32.6092, 29.9665, 58.7096**, and if you desaturate by 10%, it is **47.0104, 47.8639, 61.4051**.

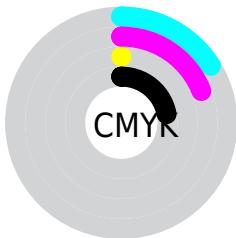
Distribution



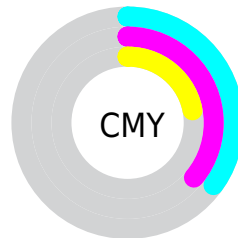
- Red (65%)
- Green (64%)
- Blue (78%)



- Red (65%)
- Yellow (64%)
- Blue (78%)



- Cyan (16%)
- Magenta (19%)
- Yellow (0%)
- Black (22%)



- Cyan (35%)
- Magenta (36%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 39.2820, 38.2263, 59.9516 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 39.2820, 38.2263, 59.9516 by changing the saturation by 10% instead.

■ 39.2820, 38.2263,
59.9516

■ 39.2820, 38.2263,
59.9516

334.2745,
338.5897, 442.2190

■ 27.1609, 26.1584,
42.9546

■ 73.3602, 72.4549,
106.3021

■ 17.8313, 16.9422,
29.5183

■ 96.0481, 95.3843,
136.4927

■ 10.9279, 10.1933,
19.2243

122.9889,
122.7030, 171.9183

■ 6.0853, 5.5273,
11.6540

154.5479,
154.7954, 212.9973

■ 2.9382, 2.5598,
6.3889

191.0907,
192.0459, 260.1484

■ 1.1212, 0.9065,
3.0104

232.9825,

■ 0.0427, 0.0000,

234.8388, 313.7900

1.0999

280.5886,
283.5587, 374.3407

■ 0.0000, 0.0000,
0.0000

■ 39.2820, 38.2263,
59.9516

■ 39.2820, 38.2263,
59.9516

■ 32.6092, 29.9665,
58.7096

■ 47.0104, 47.8639,
61.4051

■ 26.9424, 23.0169,
57.6669

■ 55.8339, 58.9335,
63.0767

■ 22.2334, 17.3113,
56.8138

■ 65.7943, 71.4920,
64.9758

■ 18.4288, 12.7756,
56.1388

■ 76.9302, 85.5919,
67.1104

■ 15.4696, 9.3280,
55.6293

■ 87.0031, 96.7324,
68.7299

■ 13.2898, 6.8761,
55.2709

■ 87.4254, 96.9502,
68.7496

■ 11.8130, 5.3115,
55.0468

■ 10.9274, 4.4612,
54.9293

■ 10.8593, 4.3939,
54.9199

Harmonies

Analogous

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



36.0021, 38.2263, 62.4729



39.2820, 38.2263, 59.9516



41.9031, 38.2263, 52.2965

Triad

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



39.2820, 38.2263, 59.9516



39.8906, 38.2263, 28.1970



30.3722, 38.2263, 40.6787

Complementary

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



39.2820, 38.2263, 59.9516



49.6829, 55.5203, 42.2821

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.



31.2797, 38.2263, 32.5088



39.2820, 38.2263, 59.9516



36.6658, 38.2263, 26.0186

Square

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



39.2820, 38.2263, 59.9516



42.2691, 38.2263, 33.9250



33.5353, 38.2263, 27.4702



30.9804, 38.2263, 50.4030

Rectangle

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



39.2820, 38.2263, 59.9516



42.8549, 38.2263, 45.8357



33.5353, 38.2263, 27.4702



30.5087, 38.2263, 37.6747

Sweetspot

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



39.2832, 38.2279, 59.9525



85.6412, 88.1901, 107.1164



44.9691, 51.1372, 62.1445



18.1208, 18.6132, 22.8876



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.



39.2832, 38.2279, 59.9525



62.7886, 59.7045, 102.8225



43.4592, 40.3807, 60.1479



10.1842, 10.3532, 13.3791



6.9480, 2.8161, 34.9217



0.3727, 0.1559, 1.6556

Inverse Universe

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



46.5913, 42.0618, 57.2946



77.8915, 67.6310, 97.1754



45.2100, 53.2144, 42.0728



11.0208, 10.7917, 13.0926



20.0077, 9.7526, 26.3141



0.9645, 0.4686, 1.3362

Previews

White Background



This preview shows how the XYZ color 39.2820, 38.2263, 59.9516 looks on a white background.

Color Contrast Check

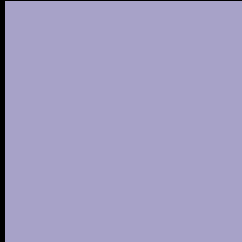
Large Text (above 18pt) WCAG AA × Fail

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 39.2820, 38.2263, 59.9516 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

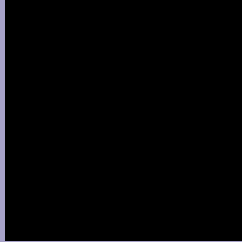
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 39.2820, 38.2263, 59.9516

Background



This preview shows how black text looks on a background with the XYZ color 39.2820, 38.2263, 59.9516.



This preview shows how white text looks on a background with the XYZ color 39.2820, 38.2263,

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

39.2820, 38.2263, 59.9516

Protanopia

38.2164, 38.4436, 61.2833

Deuteranopia

39.0715, 38.1178, 59.9418



Tritanopia

36.8772, 38.3136, 48.0995

Trichromacy



Original Color

39.2820, 38.2263, 59.9516

Protanomaly

38.5160, 38.3450, 60.6297

Deuteranomaly

39.0715, 38.1178, 59.9418

Tritanomaly

37.7346, 38.3906, 52.4350

Monochromacy



Original Color

39.2820, 38.2263, 59.9516

Achromatopsia

37.2190, 39.1572, 42.6422

Achromatomaly

38.0229, 38.8926, 48.6830

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.2820, 38.2263, 59.9516 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(167, 162, 200)` looks like.

```
.text, #text, p{  
    color:rgb(167, 162, 200)  
}
```

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(167, 162, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 162, 200) }
```

Border

The CSS property to change the border of an element to XYZ 39.2820, 38.2263, 59.9516 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(167, 162, 200) }
```


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

```
.border{ border-color:rgb(167, 162, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(167, 162, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 162, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 162, 200);  
box-shadow:4px 4px 4px 4px rgb(167, 162,  
200) }
```

Background

The CSS property to change the background color of an element to XYZ 39.2820, 38.2263, 59.9516 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 162, 200) }
```

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

```
.background{ background-color: rgb(167,  
162, 200) }
```

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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