

Converting Colors

XYZ(39.1963, 35.6285, 57.8203)

Have a look what the booklet for
XYZ(39.1963, 35.6285, 57.8203)
contains.

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Color

**XYZ(39.2108, 35.7178,
57.6509)**

Conversions

Conversions Part 1

Format	Color
Hex	B098C5
RGB	176, 152, 197
RGB Percent	69%, 60%, 77%
CMY	0.3098, 0.4039, 0.2274
CMYK	0.11, 0.23, 0.00, 0.23
HSL	272°, 28%, 68%
HSV	272°, 23%, 77%
XYZ	39.2108, 35.7178, 57.6509
YIQ	164.3060, -0.1410, 19.0830

Conversions

Conversions Part 2

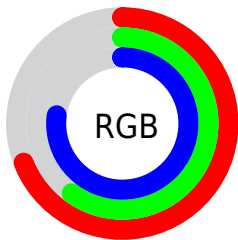
Format	Color
R _Y B	176, 152, 197
Decimal	11573445
CIE Lab	66.30, 17.46, -19.90
CIE LCh	66, 26.469, 311.261
Yxy	35.7178, 0.2958, 0.2694
Android (android.graphics.Color)	4289763525 (0xFFB098C5)
YUV	164.3060, 16.1181, 10.2556
Hunter-Lab	59.7644, 12.5244, -15.3582

Details

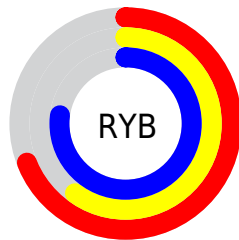
The XYZ color **39.2108, 35.7178, 57.6509** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **42.8685, 51.0846, 37.3083**, and the grayscale version is **35.3589, 37.2003, 40.5112**.

A 20% lighter version of the original color is **73.2394, 68.4542, 103.1188**, and **17.7800, 15.5015, 28.0416** is the 20% darker color. If you saturate the color by 10%, you get **34.2665, 28.8109, 56.5789**, and if you desaturate by 10%, it is **44.8291, 43.7623, 58.9081**.

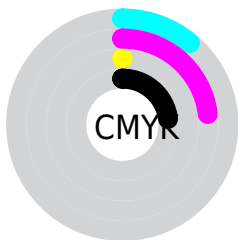
Distribution



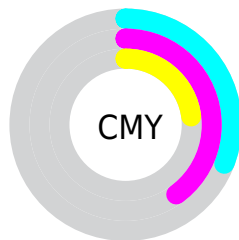
- Red (69%)
- Green (60%)
- Blue (77%)



- Red (69%)
- Yellow (60%)
- Blue (77%)



- Cyan (11%)
- Magenta (23%)
- Yellow (0%)
- Black (23%)





- Cyan (31%)
- Magenta (40%)
- Yellow (23%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 39.2108, 35.7178, 57.6509 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 39.2108, 35.7178, 57.6509 by changing the saturation by 10% instead.


 39.2108, 35.7178,
57.6509


 39.2108, 35.7178,
57.6509

333.9776,
327.7254, 433.4457

 27.1052, 24.2163,
41.1152


 73.2522, 68.5963,
102.9241

 17.7893, 15.4942,
28.0887


 95.9188, 90.7421,
132.4986

 10.8976, 9.1669,
18.1529


122.8364,
117.2048, 167.2566

 6.0648, 4.8502,
10.8893

154.3705,
148.3687, 207.6164

 2.9255, 2.1597,
5.8792

190.8862,
184.6184, 253.9967

 1.1145, 0.6979,
2.7042

232.7491,

 0.0372, 0.0000,

226.3381, 306.8160

0.9455

280.3245,
273.9123, 366.4928

■ 0.0000, 0.0000,
0.0000

■ 39.2108, 35.7178,
57.6509

■ 39.2108, 35.7178,
57.6509

■ 34.2665, 28.8109,
56.5789

■ 44.8291, 43.7623,
58.9081

■ 29.9640, 22.9834,
55.6808

■ 51.1453, 52.9902,
60.3564

■ 26.2731, 18.1783,
54.9479

■ 58.1858, 63.4500,
62.0042

■ 23.1596, 14.3317,
54.3695

■ 65.9750, 75.1862,
63.8590

■ 20.5855, 11.3721,
53.9339

■ 74.5356, 88.2411,
65.9277

18.5074, 9.2175,
53.6276

78.8459, 92.5674,
66.5355

16.8738, 7.7697,
53.4342

81.8946, 94.1390,
66.6782

15.9115, 7.0385,
53.3438

85.1015, 95.7923,
66.8283

87.0781, 96.8113,
66.9208

Harmonies

Analogous

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



35.4544, 35.7178, 64.3771



39.2108, 35.7178, 57.6509



41.6653, 35.7178, 46.3092

Triad

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



39.2108, 35.7178, 57.6509



36.4488, 35.7178, 21.7075



27.0281, 35.7178, 43.2973

Complementary

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



39.2108, 35.7178, 57.6509



42.8685, 51.0846, 37.3083

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.



27.2490, 35.7178, 32.3099



39.2108, 35.7178, 57.6509



32.4862, 35.7178, 21.2134

Square

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



39.2108, 35.7178, 57.6509



39.9872, 35.7178, 26.2313



29.1798, 35.7178, 24.7180



28.5509, 35.7178, 55.0810

Rectangle

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



39.2108, 35.7178, 57.6509



42.1266, 35.7178, 38.4135



29.1798, 35.7178, 24.7180



26.9042, 35.7178, 39.3717

Sweetspot

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



39.2119, 35.7193, 57.6517



86.6191, 87.5895, 106.9489



38.1160, 40.8836, 58.7063



18.3910, 18.5298, 22.8572



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.



39.2119, 35.7193, 57.6517



66.0317, 58.0683, 102.3358



44.2475, 38.3251, 57.4398



10.5877, 10.5613, 13.3980



10.5629, 4.6796, 35.0909



0.5832, 0.2644, 1.6654

Inverse Universe

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



41.7982, 37.3454, 44.5420



71.5222, 61.5177, 74.6269



38.6455, 48.9005, 37.4324



10.8364, 10.7179, 12.1217



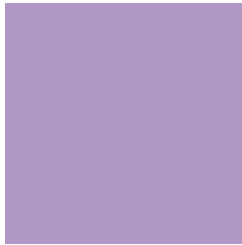
16.4554, 8.3317, 7.6078



0.8157, 0.4091, 0.5525

Previews

White Background



This preview shows how the XYZ color 39.2108, 35.7178, 57.6509 looks on a white background.

Color Contrast Check

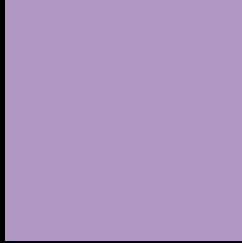
Large Text (above 18pt) WCAG AA × Fail

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 39.2108, 35.7178, 57.6509 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

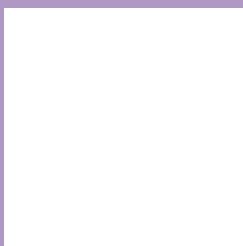
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 39.2108, 35.7178, 57.6509

Background



This preview shows how black text looks on a background with the XYZ color 39.2108, 35.7178, 57.6509.



This preview shows how white text looks on a background with the XYZ color 39.2108, 35.7178,

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

39.2108, 35.7178, 57.6509

Protanopia

35.9940, 35.9852, 60.9259

Deuteranopia

36.6879, 35.9128, 57.2228



Tritanopia

36.2317, 35.7492, 42.5268

Trichromacy



Original Color

39.2108, 35.7178, 57.6509

Protanomaly

36.9795, 35.7577, 59.5965

Deuteranomaly

37.5782, 35.8694, 57.1675

Tritanomaly

37.0916, 35.5816, 47.5608

Monochromacy



Original Color

39.2108, 35.7178, 57.6509

Achromatopsia

35.2861, 37.1238, 40.4278

Achromatomaly

36.5557, 36.6010, 46.2123

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.2108, 35.7178, 57.6509 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(176, 152, 197)` looks like.

```
.text, #text, p{  
    color:rgb(176, 152, 197)  
}
```

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(176, 152, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 152, 197) }
```

Border

The CSS property to change the border of an element to XYZ 39.2108, 35.7178, 57.6509 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(176, 152, 197) }
```


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

```
.border{ border-color:rgb(176, 152, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 152, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 152, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 152, 197);  
box-shadow:4px 4px 4px 4px rgb(176, 152,  
197) }
```

Background

The CSS property to change the background color of an element to XYZ 39.2108, 35.7178, 57.6509 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 152, 197) }
```

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

```
.background{ background-color: rgb(176,  
152, 197) }
```

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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