

Converting Colors

XYZ(39.1080, 35.5822, 38.7263)

Have a look what the booklet for
XYZ(39.1080, 35.5822, 38.7263)
contains.

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Color

**XYZ(39.0776, 35.5924,
38.5286)**

Conversions

Conversions Part 1

Format	Color
Hex	C096A1
RGB	192, 150, 161
RGB Percent	75%, 59%, 63%
CMY	0.2471, 0.4117, 0.3686
CMYK	0.00, 0.22, 0.16, 0.25
HSL	344°, 25%, 67%
HSV	344°, 22%, 75%
XYZ	39.0776, 35.5924, 38.5286
YIQ	163.8120, 21.5010, 12.3250

Conversions

Conversions Part 2

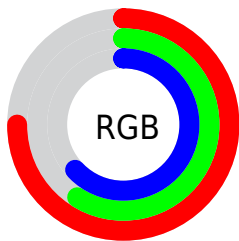
Format	Color
R_{YB}	192, 150, 161
Decimal	12621473
CIE _{Lab}	66.21, 17.45, 0.28
CIE _{LCh}	66, 17.452, 0.904
Yxy	35.5924, 0.3452, 0.3144
Android (android.graphics.Color)	4290811553 (0xFFC096A1)
YUV	163.8120, -1.3863, 24.7209
Hunter-Lab	59.6594, 12.5157, 3.4715

Details

The XYZ color **39.0776, 35.5924, 38.5286** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **39.7693, 47.5204, 50.7947**, and the grayscale version is **35.1973, 37.0303, 40.3260**.

A 20% lighter version of the original color is **73.0545, 68.2833, 74.2954**, and **17.7575, 15.4527, 16.7986** is the 20% darker color. If you saturate the color by 10%, you get **35.0815, 29.4879, 31.3759**, and if you desaturate by 10%, it is **43.7194, 42.7607, 46.5963**.

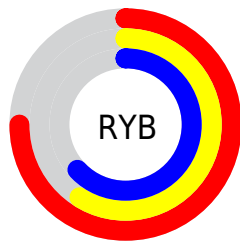
Distribution



Red (75%)

Green (59%)

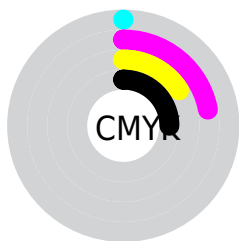
Blue (63%)



Red (75%)

Yellow (59%)

Blue (63%)

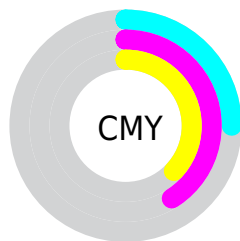


Cyan (0%)

Magenta (22%)

Yellow (16%)

Black (25%)



Cyan (25%)

Magenta (41%)

Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 39.0776, 35.5924, 38.5286 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 39.0776, 35.5924, 38.5286 by changing the saturation by 10% instead.


 39.0776, 35.5924,
38.5286


 39.0776, 35.5924,
38.5286


333.4218,
327.1755, 355.2481

 27.0011, 24.1196,
26.0882


 73.0502, 68.4025,
74.1300

 17.7106, 15.4223,
16.6633


 95.6769, 90.5085,
98.1281

 10.8409, 9.1163,
9.8353


122.5512,
116.9277, 126.8158

 6.0264, 4.8171,
5.1857

154.0382,
148.0445, 160.6118

 2.9020, 2.1404,
2.2960

190.5035,
184.2433, 199.9344

 1.1021, 0.6872,
0.7290

232.3122,

 0.0269, 0.0000,

225.9085, 245.2023

0.0000

279.8299,
273.4244, 296.8340

■ 0.0000, 0.0000,
0.0000

■ 39.0776, 35.5924,
38.5286

■ 39.0776, 35.5924,
38.5286

■ 35.0815, 29.4879,
31.3759

■ 43.7194, 42.7607,
46.5963

■ 31.6989, 24.3918,
25.1031

■ 49.0312, 51.0354,
55.6081

■ 28.8995, 20.2506,
19.6760

■ 55.0395, 60.4625,
65.5943

■ 26.6489, 17.0044,
15.0571

■ 61.7688, 71.0840,
76.5834

■ 24.9091, 14.5858,
11.2061

■ 69.2419, 82.9397,
88.6026

■ 23.6370, 12.9184,
8.0788

■ 74.1386, 89.3827,
100.5638

■ 22.7817, 11.9110,
5.6259

■ 75.5484, 89.9465,
107.9873

■ 22.3200, 11.4392,
4.0802

Harmonies

Analogous

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



38.3879, 35.5924, 46.1404



39.0776, 35.5924, 38.5286



38.3022, 35.5924, 31.8568

Triad

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



39.0776, 35.5924, 38.5286



31.3266, 35.5924, 27.7230



31.4566, 35.5924, 52.6572

Complementary

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



39.0776, 35.5924, 38.5286



39.7693, 47.5204, 50.7947

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.



29.7193, 35.5924, 46.5813



39.0776, 35.5924, 38.5286



29.6470, 35.5924, 32.2014

Square

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



39.0776, 35.5924, 38.5286



33.7507, 35.5924, 26.1303



29.0737, 35.5924, 38.9804



33.9085, 35.5924, 54.9023

Rectangle

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



39.0776, 35.5924, 38.5286



37.0806, 35.5924, 28.6718



29.0737, 35.5924, 38.9804



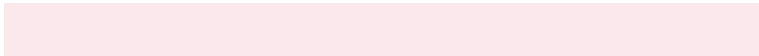
30.7742, 35.5924, 50.9597

Sweetspot

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



39.0786, 35.5940, 38.5293



83.6440, 84.3618, 91.9860



39.4312, 35.4198, 54.6280



17.8202, 17.9050, 19.5231



92.9021, 97.7402, 106.4391



19.4759, 20.4902, 22.3138

Same Dimension

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



39.0786, 35.5940, 38.5293



67.3754, 59.2339, 63.7214



39.7806, 38.4824, 34.1874



10.1791, 10.1202, 11.0335



15.0466, 7.7084, 2.8914



0.6796, 0.3448, 0.2800

Inverse Universe

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



39.0786, 35.5940, 38.5293



67.3754, 59.2339, 63.7214



38.8623, 43.8288, 56.2811



10.1791, 10.1202, 11.0335



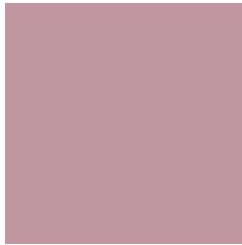
15.0466, 7.7084, 2.8914



0.6796, 0.3448, 0.2800

Previews

White Background



This preview shows how the XYZ color 39.0776, 35.5924, 38.5286 looks on a white background.

Color Contrast Check

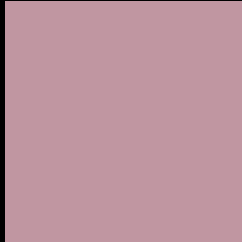
Large Text (above 18pt) WCAG AA × Fail

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 39.0776, 35.5924, 38.5286 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 39.0776, 35.5924, 38.5286

Background



This preview shows how black text looks on a background with the XYZ color 39.0776, 35.5924, 38.5286.



This preview shows how white text looks on a background with the XYZ color 39.0776, 35.5924,

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

39.0776, 35.5924, 38.5286

Protanopia

34.4461, 35.6130, 41.6177

Deuteranopia

36.3651, 35.6621, 38.2245



Tritanopia

39.1662, 35.6278, 38.9950

Trichromacy



Original Color

39.0776, 35.5924, 38.5286

Protanomaly

35.9136, 35.3778, 40.5331

Deuteranomaly

37.1922, 35.5944, 38.1679

Tritanomaly

39.1662, 35.6278, 38.9950

Monochromacy



Original Color

39.0776, 35.5924, 38.5286

Achromatopsia

35.2861, 37.1238, 40.4278

Achromatomaly

36.4646, 36.4393, 39.7619

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.0776, 35.5924, 38.5286 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(192, 150, 161)` looks like.

```
.text, #text, p{  
    color:rgb(192, 150, 161)  
}
```

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(192, 150, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 150, 161) }
```

Border

The CSS property to change the border of an element to XYZ 39.0776, 35.5924, 38.5286 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(192, 150, 161) }
```


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

```
.border{ border-color:rgb(192, 150, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 150, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 150, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 150, 161);  
box-shadow:4px 4px 4px 4px rgb(192, 150,  
161) }
```

Background

The CSS property to change the background color of an element to XYZ 39.0776, 35.5924, 38.5286 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 150, 161) }
```

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

```
.background{ background-color: rgb(192,  
150, 161) }
```

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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