

Converting Colors

XYZ(39.4158, 35.7581, 39.2912)

Have a look what the booklet for
XYZ(39.4158, 35.7581, 39.2912)
contains.

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Color

**XYZ(39.5095, 35.7945,
39.4770)**

Conversions

Conversions Part 1

Format	Color
Hex	C196A3
RGB	193, 150, 163
RGB Percent	76%, 59%, 64%
CMY	0.2431, 0.4117, 0.3608
CMYK	0.00, 0.22, 0.16, 0.24
HSL	342°, 26%, 67%
HSV	342°, 22%, 76%
XYZ	39.5095, 35.7945, 39.4770
YIQ	164.3390, 21.4550, 13.1590

Conversions

Conversions Part 2

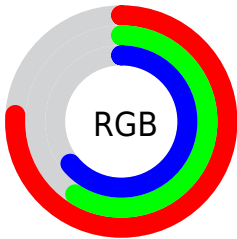
Format	Color
RYB	193, 150, 163
Decimal	12687011
CIELab	66.36, 18.15, -0.61
CIELCh	66, 18.155, 358.080
Yxy	35.7945, 0.3442, 0.3119
Android (android.graphics.Color)	4290877091 (0xFFC196A3)
YUV	164.3390, -0.6601, 25.1357
Hunter-Lab	59.8285, 13.1778, 2.7583

Details

The XYZ color **39.5095, 35.7945, 39.4770** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **39.8873, 47.9201, 50.3295**, and the grayscale version is **35.4448, 37.2907, 40.6096**.

A 20% lighter version of the original color is **73.6721, 68.5717, 75.6824**, and **17.9785, 15.5603, 17.0948** is the 20% darker color. If you saturate the color by 10%, you get **35.5368, 29.6780, 32.5136**, and if you desaturate by 10%, it is **44.1200, 42.9801, 47.2878**.

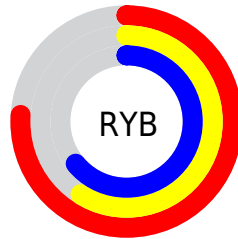
Distribution



Red (76%)

Green (59%)

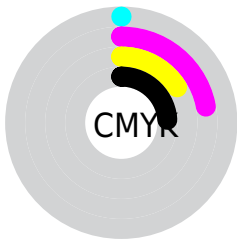
Blue (64%)



Red (76%)

Yellow (59%)

Blue (64%)

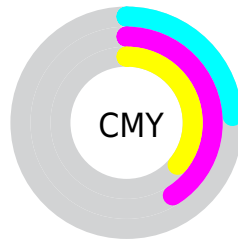


Cyan (0%)

Magenta (22%)

Yellow (16%)

Black (24%)



Cyan (24%)


Magenta (41%)


Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 39.5095, 35.7945, 39.4770 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 39.5095, 35.7945, 39.4770 by changing the saturation by 10% instead.


 39.5095, 35.7945,
39.4770


 39.5095, 35.7945,
39.4770

335.2218,
328.0615, 359.4006

 27.3388, 24.2755,
26.8203


 73.7051, 68.7148,
75.5948

 17.9658, 15.5381,
17.2071

 96.4608, 90.8848,
99.8930

 11.0249, 9.1979,
10.2187


123.4754,
117.3741, 128.9088

 6.1510, 4.8705,
5.4367

155.1145,
148.5669, 163.0607

 2.9787, 2.1715,
2.4425

191.7433,
184.8476, 202.7673

 1.1425, 0.7044,
0.8095

233.7273,

 0.0602, 0.0000,

226.6007, 248.4472

0.0000

281.4316,
274.2105, 300.5187

■ 0.0000, 0.0000,
0.0000

■ 39.5095, 35.7945,
39.4770

■ 39.5095, 35.7945,
39.4770

■ 35.5368, 29.6780,
32.5136

■ 44.1200, 42.9801,
47.2878

■ 32.1700, 24.5744,
26.3659

■ 49.3922, 51.2777,
55.9715

■ 29.3790, 20.4301,
21.0036

■ 55.3524, 60.7338,
65.5554

■ 27.1298, 17.1840,
16.3934

■ 62.0246, 71.3907,
76.0650

■ 25.3848, 14.7684,
12.4995

■ 69.4317, 83.2886,
87.5246

■ 24.1011, 13.1056,
9.2827

■ 74.0510, 89.3769,
98.7762

■ 23.2280, 12.1029,
6.6994

■ 75.8024, 90.0775,
107.9992

■ 22.7648, 11.6465,
5.0964

Harmonies

Analogous

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



38.6471, 35.7945, 47.4242



39.5095, 35.7945, 39.4770



38.8377, 35.7945, 32.3526

Triad

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



39.5095, 35.7945, 39.4770



31.6233, 35.7945, 27.2169



31.3358, 35.7945, 53.0892

Complementary

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



39.5095, 35.7945, 39.4770



39.8873, 47.9201, 50.3295

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.



29.6210, 35.7945, 46.4426



39.5095, 35.7945, 39.4770



29.7807, 35.7945, 31.5926

Square

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



39.5095, 35.7945, 39.4770



34.1967, 35.7945, 25.8616



29.0670, 35.7945, 38.4755



33.8471, 35.7945, 55.9048

Rectangle

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



39.5095, 35.7945, 39.4770



37.6293, 35.7945, 28.8757



29.0670, 35.7945, 38.4755



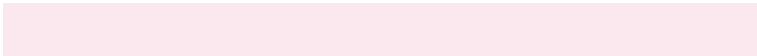
30.6522, 35.7945, 51.1889

Sweetspot

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



39.5105, 35.7961, 39.4777



83.7476, 84.4033, 92.5314



39.2124, 35.2942, 55.1981



17.8442, 17.9146, 19.6493



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.



39.5105, 35.7961, 39.4777



66.9623, 58.2399, 64.1009



39.7055, 37.9550, 34.0895



10.1957, 10.1269, 11.1212



15.1726, 7.7588, 3.5551



0.6869, 0.3478, 0.3187

Inverse Universe

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



39.5105, 35.7961, 39.4777



66.9623, 58.2399, 64.1009



39.5779, 45.0821, 57.0681



10.1957, 10.1269, 11.1212



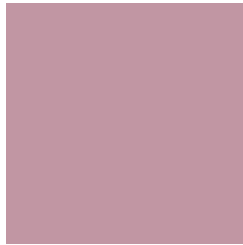
15.1726, 7.7588, 3.5551



0.6869, 0.3478, 0.3187

Previews

White Background



This preview shows how the XYZ color 39.5095, 35.7945, 39.4770 looks on a white background.

Color Contrast Check

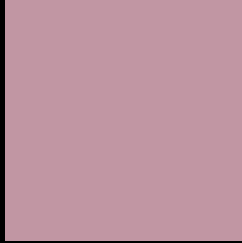
Large Text (above 18pt) WCAG AA × Fail

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 39.5095, 35.7945, 39.4770 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

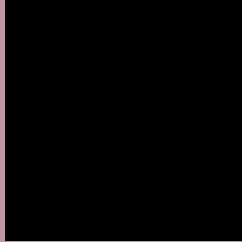
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 39.5095, 35.7945, 39.4770

Background



This preview shows how black text looks on a background with the XYZ color 39.5095, 35.7945, 39.4770.



This preview shows how white text looks on a background with the XYZ color 39.5095, 35.7945,

39.4770.

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

39.5095, 35.7945, 39.4770

Protanopia

34.8066, 36.0357, 42.6572

Deuteranopia

36.5415, 35.7327, 39.1536



Tritanopia

39.4203, 35.7588, 39.0069

Trichromacy



Original Color

39.5095, 35.7945, 39.4770

Protanomaly

36.2656, 35.7882, 41.5556

Deuteranomaly

37.6056, 35.7871, 39.1080

Tritanomaly

39.4203, 35.7588, 39.0069

Monochromacy



Original Color

39.5095, 35.7945, 39.4770

Achromatopsia

35.2861, 37.1238, 40.4278

Achromatomaly

36.7782, 36.5906, 40.2462

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.5095, 35.7945, 39.4770 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(193, 150, 163)` looks like.

```
.text, #text, p{  
    color:rgb(193, 150, 163)  
}
```

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(193, 150, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 150, 163) }
```

Border

The CSS property to change the border of an element to XYZ 39.5095, 35.7945, 39.4770 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(193, 150, 163) }
```


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

```
.border{ border-color:rgb(193, 150, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 150, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 150, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 150, 163);  
box-shadow:4px 4px 4px 4px rgb(193, 150,  
163) }
```

Background

The CSS property to change the background color of an element to XYZ 39.5095, 35.7945, 39.4770 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 150, 163) }
```

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

```
.background{ background-color: rgb(193,  
150, 163) }
```

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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