

Converting Colors

XYZ(39.7512, 35.3238, 43.8527)

Have a look what the booklet for
XYZ(39.7512, 35.3238, 43.8527)
contains.

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Color

**XYZ(39.7745, 35.3648,
43.7595)**

Conversions

Conversions Part 1

Format	Color
Hex	C094AC
RGB	192, 148, 172
RGB Percent	75%, 58%, 67%
CMY	0.2471, 0.4196, 0.3255
CMYK	0.00, 0.23, 0.10, 0.25
HSL	327°, 26%, 67%
HSV	327°, 23%, 75%
XYZ	39.7745, 35.3648, 43.7595
YIQ	163.8920, 18.5200, 16.7920

Conversions

Conversions Part 2

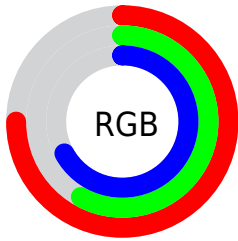
Format	Color
R_{YB}	192, 148, 172
Decimal	12620972
CIE _{Lab}	66.03, 20.40, -6.16
CIE _{LCh}	66, 21.313, 343.202
Yxy	35.3648, 0.3345, 0.2974
Android (android.graphics.Color)	4290811052 (0xFFC094AC)
YUV	163.8920, 3.9972, 24.6507
Hunter-Lab	59.4683, 15.3175, -2.0005

Details

The XYZ color **39.7745, 35.3648, 43.7595** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **38.1316, 46.8232, 44.0759**, and the grayscale version is **35.2115, 37.0452, 40.3423**.

A 20% lighter version of the original color is **74.0526, 67.9268, 81.8812**, and **18.1461, 15.3087, 19.7678** is the 20% darker color. If you saturate the color by 10%, you get **36.1983, 29.5097, 38.5669**, and if you desaturate by 10%, it is **43.9073, 42.2441, 49.4102**.

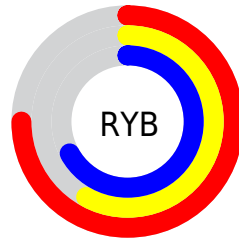
Distribution



Red (75%)

Green (58%)

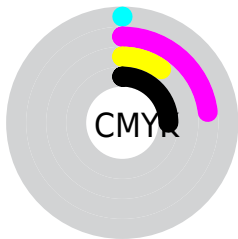
Blue (67%)



Red (75%)

Yellow (58%)

Blue (67%)

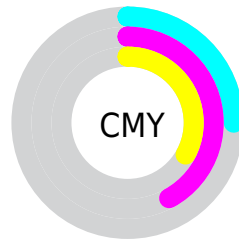


Cyan (0%)

Magenta (23%)

Yellow (10%)

Black (25%)



Cyan (25%)

Magenta (42%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 39.7745, 35.3648, 43.7595 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 39.7745, 35.3648, 43.7595 by changing the saturation by 10% instead.

■ 39.7745, 35.3648,
43.7595

■ 39.7745, 35.3648,
43.7595

336.3229,
326.1756, 377.7385

■ 27.5462, 23.9440,
30.1457

■ 74.1065, 68.0505,
82.1543

■ 18.1226, 15.2921,
19.6962

■ 96.9410, 90.0842,
107.7724

■ 11.1382, 9.0246,
11.9925

124.0415,
116.4244, 138.2290

■ 6.2279, 4.7573,
6.6161

155.7735,
147.4554, 173.9427

■ 3.0261, 2.1056,
3.1484

192.5023,
183.5616, 215.3319

■ 1.1676, 0.6677,
1.1709

234.5932,

■ 0.0805, 0.0000,

225.1275, 262.8153

0.0000

282.4116,
272.5373, 316.8113

■ 0.0000, 0.0000,
0.0000

■ 39.7745, 35.3648,
43.7595

■ 39.7745, 35.3648,
43.7595

■ 36.1983, 29.5097,
38.5669

■ 43.9073, 42.2441,
49.4102

■ 33.1500, 24.6245,
33.8163

■ 48.6177, 50.1891,
55.5296

■ 30.6029, 20.6569,
29.4939

■ 53.9291, 59.2448,
62.1310

■ 28.5264, 17.5478,
25.5841

■ 59.8627, 69.4522,
69.2261

■ 26.8867, 15.2310,
22.0698

■ 66.4388, 80.8502,
76.8264

■ 25.6448, 13.6306,
18.9322

■ 71.0030, 88.1284,
84.0516

■ 24.7542, 12.6557,
16.1498

■ 72.2202, 88.6153,
90.4612

■ 24.2739, 12.2208,
14.3691

■ 73.4991, 89.1268,
97.1956

■ 74.8405, 89.6634,
104.2596

Harmonies

Analogous

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



37.9484, 35.3648, 52.6409



39.7745, 35.3648, 43.7595



39.8851, 35.3648, 34.6658

Triad

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



39.7745, 35.3648, 43.7595



32.2440, 35.3648, 23.9231



29.3742, 35.3648, 51.6951

Complementary

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



39.7745, 35.3648, 43.7595



38.1316, 46.8232, 44.0759

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.



28.0359, 35.3648, 42.6204



39.7745, 35.3648, 43.7595



29.6214, 35.3648, 27.1595

Square

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



39.7745, 35.3648, 43.7595



35.4006, 35.3648, 24.1295



28.1235, 35.3648, 33.6912



31.8869, 35.3648, 57.6915

Rectangle

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



39.7745, 35.3648, 43.7595



38.9601, 35.3648, 29.7387



28.1235, 35.3648, 33.6912



28.7793, 35.3648, 48.8471

Sweetspot

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



39.7755, 35.3664, 43.7602



84.3790, 84.6558, 95.8565



36.2116, 33.2902, 54.3867



17.9905, 17.9731, 20.4197



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.



39.7755, 35.3664, 43.7602



69.0203, 59.0631, 74.9380



37.8505, 34.5964, 33.6233



10.2978, 10.1677, 11.6589



16.3733, 8.2391, 9.8780



0.7419, 0.3698, 0.6080

Inverse Universe

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



39.7755, 35.3664, 43.7602



69.0203, 59.0631, 74.9380



40.3359, 47.7049, 55.6833



10.2978, 10.1677, 11.6589



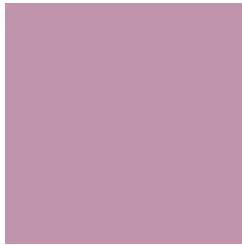
16.3733, 8.2391, 9.8780



0.7419, 0.3698, 0.6080

Previews

White Background



This preview shows how the XYZ color 39.7745, 35.3648, 43.7595 looks on a white background.

Color Contrast Check

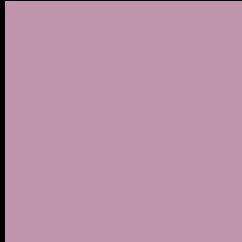
Large Text (above 18pt) WCAG AA × Fail

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 39.7745, 35.3648, 43.7595 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 39.7745, 35.3648, 43.7595

Background



This preview shows how black text looks on a background with the XYZ color 39.7745, 35.3648, 43.7595.



This preview shows how white text looks on a background with the XYZ color 39.7745, 35.3648,

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

39.7745, 35.3648, 43.7595

Protanopia

34.8080, 35.6654, 47.6974

Deuteranopia

36.1574, 35.4499, 42.9670



Tritanopia

38.8252, 35.4623, 38.5168

Trichromacy



Original Color

39.7745, 35.3648, 43.7595

Protanomaly

36.3025, 35.4576, 46.0049

Deuteranomaly

37.3323, 35.3064, 43.3753

Tritanomaly

39.0248, 35.2879, 40.3517

Monochromacy



Original Color

39.7745, 35.3648, 43.7595

Achromatopsia

35.2861, 37.1238, 40.4278

Achromatomaly

36.6575, 36.2424, 41.6226

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.7745, 35.3648, 43.7595 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, 148, 172)` looks like.

```
.text, #text, p{  
    color:rgb(192, 148, 172)  
}
```

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, 148, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 148, 172) }
```

Border

The CSS property to change the border of an element to XYZ 39.7745, 35.3648, 43.7595 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, 148, 172) }
```


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

```
.border{ border-color:rgb(192, 148, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 148, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 148, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 148, 172);  
box-shadow:4px 4px 4px 4px rgb(192, 148,  
172) }
```

Background

The CSS property to change the background color of an element to XYZ 39.7745, 35.3648, 43.7595 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 148, 172) }
```

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

```
.background{ background-color: rgb(192,  
148, 172) }
```

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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