

Converting Colors

XYZ(35.3790, 29.0428, 33.4469)

Have a look what the booklet for
XYZ(35.3790, 29.0428, 33.4469)
contains.

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Color

**XYZ(35.3790, 29.0428,
33.4469)**

Conversions

Conversions Part 1

Format	Color
Hex	C18098
RGB	193, 128, 152
RGB Percent	76%, 50%, 60%
CMY	0.2431, 0.4980, 0.4039
CMYK	0.00, 0.34, 0.21, 0.24
HSL	338°, 34%, 63%
HSV	338°, 34%, 76%
XYZ	35.3790, 29.0428, 33.4469
YIQ	150.1710, 31.0360, 21.2440

Conversions

Conversions Part 2

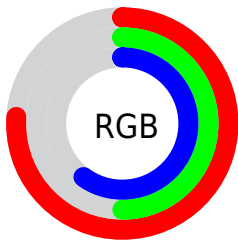
Format	Color
R_{YB}	193, 128, 152
Decimal	12681368
CIE _{Lab}	60.82, 28.55, -2.50
CIE _{LCh}	61, 28.662, 354.997
Yxy	29.0428, 0.3615, 0.2968
Android (android.graphics.Color)	4290871448 (0xFFC18098)
YUV	150.1710, 0.9017, 37.5610
Hunter-Lab	53.8914, 22.8731, 0.9265

Details

The XYZ color **35.3790, 29.0428, 33.4469** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **35.1348, 45.5945, 44.4872**, and the grayscale version is **29.0498, 30.5626, 33.2827**.

A 20% lighter version of the original color is **67.6522, 58.4214, 66.1033**, and **15.5546, 11.7916, 13.7681** is the 20% darker color. If you saturate the color by 10%, you get **32.1505, 24.1003, 27.7011**, and if you desaturate by 10%, it is **39.1904, 34.9866, 39.8926**.

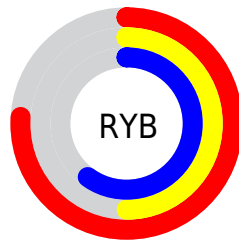
Distribution



Red (76%)

Green (50%)

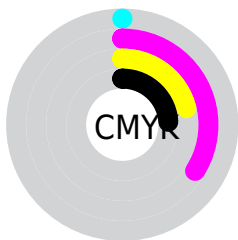
Blue (60%)



Red (76%)

Yellow (50%)

Blue (60%)

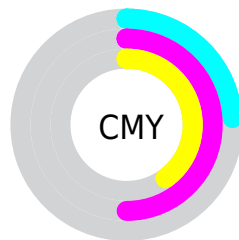


Cyan (0%)

Magenta (34%)

Yellow (21%)

Black (24%)



Cyan (24%)


Magenta (50%)


Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 35.3790, 29.0428, 33.4469 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 35.3790, 29.0428, 33.4469 by changing the saturation by 10% instead.


 35.3790, 29.0428,
33.4469


 35.3790, 29.0428,
33.4469


317.7169,
297.4168, 332.3523


 24.1228, 19.1132,
22.1951


 67.4026, 58.1451,
66.1967

 15.5500, 11.7521,
13.8006

 88.9009, 78.0865,
88.5317

 9.2951, 6.5751,
7.8450


 114.5438,
102.1341, 115.3982

 4.9928, 3.1978,
3.9096

144.6968,
130.6721, 147.2148

 2.2778, 1.2359,
1.5759

179.7253,
164.0850, 184.4000

 0.7833, 0.0907,
0.2735

219.9945,

 0.0000, 0.0000,

202.7572, 227.3722

0.0000

265.8699,
247.0730, 276.5501

■ 35.3790, 29.0428,
33.4469

■ 35.3790, 29.0428,
33.4469

■ 32.1505, 24.1003,
27.7011

■ 39.1904, 34.9866,
39.8926

■ 29.4720, 20.0992,
22.6282

■ 43.6101, 41.9789,
47.0604

■ 27.3112, 16.9798,
18.2019


■ 48.6651, 50.0688,
54.9733


■ 25.6312, 14.6735,
14.3931


■ 54.3801, 59.3012,
63.6532


■ 24.3896, 13.1016,
11.1699


■ 60.7783, 69.7184,
73.1205


 23.5360, 12.1693,
8.4966

 67.8818, 81.3606,
83.3952

 23.1380, 11.7957,
7.0615

 73.0711, 88.9850,
93.6163

 74.9134, 89.7219,
103.3177

 75.8025, 90.0775,
107.9992

Harmonies

Analogous

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



33.9024, 29.0428, 44.9213



35.3790, 29.0428, 33.4469



34.6244, 29.0428, 23.7163

Triad

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



35.3790, 29.0428, 33.4469



24.6845, 29.0428, 16.4266



23.6932, 29.0428, 51.5965

Complementary

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



35.3790, 29.0428, 33.4469



35.1348, 45.5945, 44.4872

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.



21.6037, 29.0428, 41.1157



35.3790, 29.0428, 33.4469



22.1389, 29.0428, 21.2477

Square

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



35.3790, 29.0428, 33.4469



28.2341, 29.0428, 15.2631



21.0612, 29.0428, 29.8660



26.9839, 29.0428, 56.8004

Rectangle

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



35.3790, 29.0428, 33.4469



32.9900, 29.0428, 19.2143



21.0612, 29.0428, 29.8660



22.8392, 29.0428, 48.4734

Sweetspot

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



35.3798, 29.0442, 33.4475



81.1603, 80.0556, 89.1192



33.5122, 27.6241, 54.0181



17.1442, 16.7477, 18.6974



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.



35.3798, 29.0442, 33.4475



59.2383, 45.6803, 52.6215



34.6353, 30.3886, 24.4638



10.2235, 10.1380, 11.2675



15.4250, 7.8598, 4.8842



0.6998, 0.3529, 0.3868

Inverse Universe

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



35.3798, 29.0442, 33.4475



59.2383, 45.6803, 52.6215



35.9650, 43.3128, 56.9170



10.2235, 10.1380, 11.2675



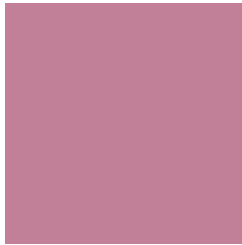
15.4250, 7.8598, 4.8842



0.6998, 0.3529, 0.3868

Previews

White Background



This preview shows how the XYZ color 35.3790, 29.0428, 33.4469 looks on a white background.

Color Contrast Check

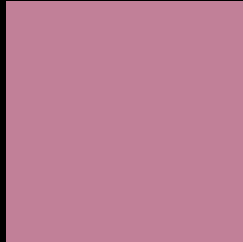
Large Text (above 18pt) WCAG AA ✓ Pass

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 35.3790, 29.0428, 33.4469 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 × Fail

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

XYZ 35.3790, 29.0428, 33.4469

Background



This preview shows how black text looks on a background with the XYZ color 35.3790, 29.0428, 33.4469.



This preview shows how white text looks on a background with the XYZ color 35.3790, 29.0428,

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

35.3790, 29.0428, 33.4469

Protanopia

28.5668, 29.2219, 38.7851

Deuteranopia

29.7445, 29.2884, 32.5193



Tritanopia

34.4545, 29.0652, 28.6051

Trichromacy



Original Color

35.3790, 29.0428, 33.4469

Protanomaly

30.3909, 28.6498, 36.7291

Deuteranomaly

31.6068, 29.1496, 32.8147

Tritanomaly

34.6225, 28.9206, 30.1430

Monochromacy



Original Color

35.3790, 29.0428, 33.4469

Achromatopsia

28.9890, 30.4987, 33.2131

Achromatomaly

30.9848, 29.6874, 33.3753

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.3790, 29.0428, 33.4469 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, 128, 152)` looks like.

```
.text, #text, p{  
    color:rgb(193, 128, 152)  
}
```

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, 128, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 128, 152) }
```

Border

The CSS property to change the border of an element to XYZ 35.3790, 29.0428, 33.4469 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, 128, 152) }
```


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

```
.border{ border-color:rgb(193, 128, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 128, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(193, 128, 152); -webkit-box-shadow:4px 4px 4px 4px rgb(193, 128, 152); box-shadow:4px 4px 4px 4px rgb(193, 128, 152) }
```

Background

The CSS property to change the background color of an element to XYZ 35.3790, 29.0428, 33.4469 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 128, 152) }
```

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

```
.background{ background-color: rgb(193,  
128, 152) }
```

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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