

Converting Colors

XYZ(35.0478, 24.7128, 34.3142)

Have a look what the booklet for
XYZ(35.0478, 24.7128, 34.3142)
contains.

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Color

**XYZ(35.0385, 24.7184,
34.3769)**

Conversions

Conversions Part 1

Format	Color
Hex	C9689C
RGB	201, 104, 156
RGB Percent	79%, 41%, 61%
CMY	0.2118, 0.5921, 0.3882
CMYK	0.00, 0.48, 0.22, 0.21
HSL	328°, 47%, 60%
HSV	328°, 48%, 79%
XYZ	35.0385, 24.7184, 34.3769
YIQ	138.9310, 41.1200, 36.7360

Conversions

Conversions Part 2

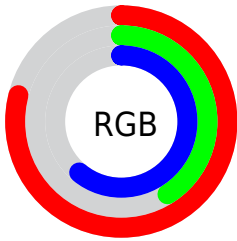
Format	Color
R _Y B	201, 104, 156
Decimal	13199516
CIE Lab	56.80, 44.72, -10.67
CIE LCh	57, 45.975, 346.582
Yxy	24.7184, 0.3722, 0.2626
Android (android.graphics.Color)	4291389596 (0xFFC9689C)
YUV	138.9310, 8.4150, 54.4345
Hunter-Lab	49.7176, 38.7921, -6.1933

Details

The XYZ color **35.0385, 24.7184, 34.3769** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **32.0216, 46.8871, 35.7983**, and the grayscale version is **24.4723, 25.7468, 28.0383**.

A 20% lighter version of the original color is **65.2247, 50.4169, 67.9217**, and **15.4548, 9.4956, 14.3829** is the 20% darker color. If you saturate the color by 10%, you get **32.4916, 20.8399, 29.7804**, and if you desaturate by 10%, it is **38.1297, 29.5878, 39.4544**.

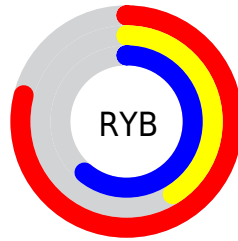
Distribution



Red (79%)

Green (41%)

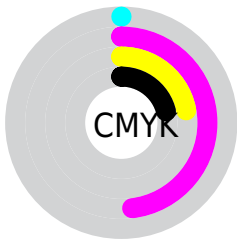
Blue (61%)



Red (79%)

Yellow (41%)

Blue (61%)

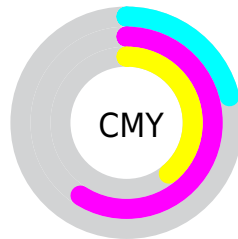


Cyan (0%)

Magenta (48%)

Yellow (22%)

Black (21%)



Cyan (21%)

Magenta (59%)


Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 35.0385, 24.7184, 34.3769 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 35.0385, 24.7184, 34.3769 by changing the saturation by 10% instead.

 35.0385, 24.7184,
34.3769


 35.0385, 24.7184,
34.3769


316.2433,
276.4326, 336.6297

 23.8592, 15.8674,
22.9036


 66.8790, 51.2000,
67.6599

 15.3534, 9.4304,
14.3177

 88.2710, 69.5994,
90.3067

 9.1557, 5.0229,
8.2007


 113.7978, 91.9504,
117.5151

 4.9008, 2.2607,
4.1340

 143.8249,
118.6373, 149.7036

 2.2233, 0.7528,
1.6992

178.7177,
150.0446, 187.2908

 0.7550, 0.0000,
0.3602

218.8414,

 0.0000, 0.0000,

186.5567, 230.6952

0.0000

264.5615,
228.5579, 280.3353

■ 35.0385, 24.7184,
34.3769

■ 35.0385, 24.7184,
34.3769

■ 32.4916, 20.8399,
29.7804

■ 38.1297, 29.5878,
39.4544

■ 30.4505, 17.8787,
25.6449

■ 41.7956, 35.5078,
45.0288

■ 28.8753, 15.7562,
21.9501


■ 46.0670, 42.5377,
51.1170


■ 27.7179, 14.3794,
18.6730


■ 50.9717, 50.7310,
57.7342

■ 26.9062, 13.6059,
15.7820


■ 56.5359, 60.1381,
64.8950

 26.7810, 13.4950,
15.3106

 62.7839, 70.8061,
72.6135

 69.7391, 82.7797,
80.9028

 74.2153, 89.6847,
88.7065

 75.5650, 90.2246,
95.8141

Harmonies

Analogous

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



31.8216, 24.7184, 52.7884



35.0385, 24.7184, 34.3769



34.8462, 24.7184, 19.3253

Triad

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



35.0385, 24.7184, 34.3769



20.6685, 24.7184, 7.3554



17.0872, 24.7184, 54.6186

Complementary

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



35.0385, 24.7184, 34.3769



32.0216, 46.8871, 35.7983

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.



14.9216, 24.7184, 36.2676



35.0385, 24.7184, 34.3769



16.7631, 24.7184, 11.2749

Square

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



35.0385, 24.7184, 34.3769



25.9728, 24.7184, 7.1788



14.8128, 24.7184, 20.6180



21.1783, 24.7184, 67.1487

Rectangle

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



35.0385, 24.7184, 34.3769



32.8004, 24.7184, 12.8559



14.8128, 24.7184, 20.6180



16.1391, 24.7184, 48.6678

Sweetspot

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



35.0392, 24.7196, 34.3774



82.1468, 78.2785, 92.0059



27.6436, 20.3824, 57.7360



17.2001, 16.1174, 19.1713



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.



35.0392, 24.7196, 34.3774



55.4119, 35.3578, 50.5726



31.7909, 23.4203, 17.2721



10.8676, 10.7304, 12.2859



16.8854, 8.5037, 9.8725



0.8358, 0.4172, 0.6587

Inverse Universe

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



35.0392, 24.7196, 34.3774



55.4119, 35.3578, 50.5726



36.5773, 48.7094, 59.7887



10.8676, 10.7304, 12.2859



16.8854, 8.5037, 9.8725



0.8358, 0.4172, 0.6587

Previews

White Background



This preview shows how the XYZ color 35.0385, 24.7184, 34.3769 looks on a white background.

Color Contrast Check

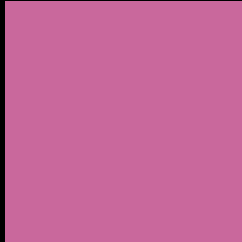
Large Text (above 18pt) WCAG AA ✓ Pass

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 35.0385, 24.7184, 34.3769 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

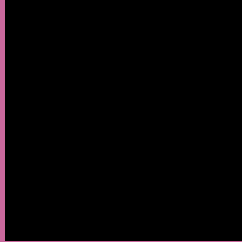
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 35.0385, 24.7184, 34.3769

Background



This preview shows how black text looks on a background with the XYZ color 35.0385, 24.7184, 34.3769.



This preview shows how white text looks on a background with the XYZ color 35.0385, 24.7184,

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

35.0385, 24.7184, 34.3769

Protanopia

25.2040, 24.9379, 45.0801

Deuteranopia

25.3011, 24.8491, 32.7410



Tritanopia

32.0402, 24.5711, 20.5068

Trichromacy



Original Color

35.0385, 24.7184, 34.3769

Protanomaly

27.5060, 24.0522, 40.7289

Deuteranomaly

28.0191, 24.1115, 33.3142

Tritanomaly

32.8161, 24.3968, 24.8093

Monochromacy



Original Color

35.0385, 24.7184, 34.3769

Achromatopsia

24.5403, 25.8183, 28.1161

Achromatomaly

27.4720, 24.6474, 30.0976

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.0385, 24.7184, 34.3769 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(201, 104, 156)` looks like.

```
.text, #text, p{  
    color:rgb(201, 104, 156)  
}
```

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(201, 104, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 104, 156) }
```

Border

The CSS property to change the border of an element to XYZ 35.0385, 24.7184, 34.3769 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(201, 104, 156) }
```


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

```
.border{ border-color:rgb(201, 104, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 104, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(201, 104, 156); -webkit-box-shadow:4px 4px 4px 4px rgb(201, 104, 156); box-shadow:4px 4px 4px 4px rgb(201, 104, 156) }
```

Background

The CSS property to change the background color of an element to XYZ 35.0385, 24.7184, 34.3769 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 104, 156) }
```

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

```
.background{ background-color: rgb(201,  
104, 156) }
```

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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