

# Converting Colors

XYZ(39.4318, 30.5114, 35.7093)

Have a look what the booklet for  
XYZ(39.4318, 30.5114, 35.7093)  
contains.

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# Color

**XYZ(39.4318, 30.5114,  
35.7093)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D07D9D
RGB	208, 125, 157
RGB Percent	82%, 49%, 62%
CMY	0.1843, 0.5098, 0.3843
CMYK	0.00, 0.40, 0.25, 0.18
HSL	337°, 47%, 65%
HSV	337°, 40%, 82%
XYZ	39.4318, 30.5114, 35.7093
YIQ	153.4650, 39.1960, 27.5480

# Conversions

## Conversions Part 2

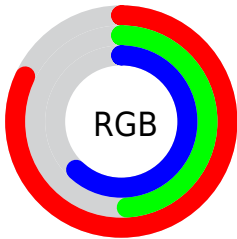
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	208, 125, 157
Decimal	13663645
CIE <sub>Lab</sub>	62.09, 36.30, -3.28
CIE <sub>LCh</sub>	62, 36.452, 354.837
Yxy	30.5114, 0.3732, 0.2888
Android (android.graphics.Color)	4291853725 (0xFFD07D9D)
YUV	153.4650, 1.7428, 47.8272
Hunter-Lab	55.2371, 30.7598, 0.3366

# Details

The XYZ color **39.4318, 30.5114, 35.7093** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **38.8511, 52.6070, 49.1833**, and the grayscale version is **30.4624, 32.0488, 34.9011**.

A 20% lighter version of the original color is **69.1180, 58.2033, 69.2195**, and **17.9992, 12.6136, 15.1217** is the 20% darker color. If you saturate the color by 10%, you get **36.0343, 25.3723, 29.4717**, and if you desaturate by 10%, it is **43.4965, 36.8018, 42.7332**.

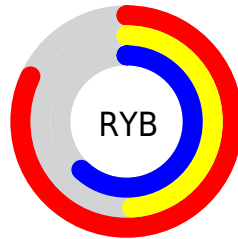
# Distribution



Red (82%)

Green (49%)

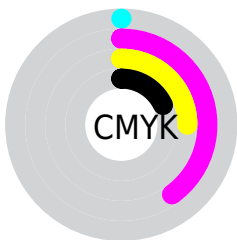
Blue (62%)



Red (82%)

Yellow (49%)

Blue (62%)

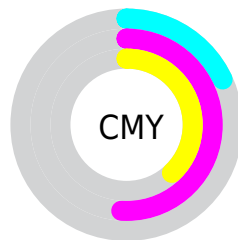


Cyan (0%)

Magenta (40%)

Yellow (25%)

Black (18%)



Cyan (18%)

Magenta (51%)


Yellow (38%)

# Brightness & Saturation Gradients

These gradients show how the XYZ color 39.4318, 30.5114, 35.7093 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 39.4318, 30.5114, 35.7093 by changing the saturation by 10% instead.





 39.4318, 30.5114,  
35.7093


 39.4318, 30.5114,  
35.7093


334.8985,  
304.2810, 342.6871


 27.2780, 20.2271,  
23.9219


 73.5874, 60.4700,  
69.7471

 17.9198, 12.5602,  
15.0640


 96.3199, 80.9131,  
92.8346

 10.9918, 7.1264,  
8.7172


 123.3093,  
105.5111, 120.5258

 6.1286, 3.5413,  
4.4629

154.9211,  
134.6487, 153.2393

 2.9648, 1.4204,  
1.8826

191.5206,  
168.7100, 191.3936

 1.1352, 0.2317,  
0.4816

233.4730,

 0.0542, 0.0000,

208.0796, 235.4074

0.0000

281.1439,  
253.1418, 285.6990

■ 0.0000, 0.0000,  
0.0000

■ 39.4318, 30.5114,  
35.7093

■ 39.4318, 30.5114,  
35.7093

■ 36.0343, 25.3723,  
29.4717

■ 43.4965, 36.8018,  
42.7332

■ 33.2634, 21.3092,  
23.9887

■ 48.2609, 44.3037,  
50.5698

■ 31.0774, 18.2451,  
19.2285


■ 53.7583, 53.0786,  
59.2463


■ 29.4286, 16.0901,  
15.1563


■ 60.0192, 63.1822,  
68.7881


■ 28.2607, 14.7384,  
11.7331


■ 67.0722, 74.6671,  
79.2193

 27.4743, 13.9982,  
8.9040

 74.9443, 87.5830,  
90.5631

 27.4674, 13.9919,  
8.8786

 78.4794, 91.6127,  
101.1146

 79.8225, 92.1499,  
108.1874

# Harmonies

## Analogous

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



37.4044, 30.5114, 51.3095



39.4318, 30.5114, 35.7093



38.4180, 30.5114, 23.1279

# Triad

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



39.4318, 30.5114, 35.7093



25.2200, 30.5114, 14.2585



23.9057, 30.5114, 60.5227

# Complementary

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



39.4318, 30.5114, 35.7093



38.8511, 52.6070, 49.1833

# 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.



21.2629, 30.5114, 45.8932



39.4318, 30.5114, 35.7093



21.9597, 30.5114, 19.9795

# Square

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



39.4318, 30.5114, 35.7093



29.8562, 30.5114, 12.9434



20.5926, 30.5114, 30.8524



28.1606, 30.5114, 67.9916



# Rectangle

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



39.4318, 30.5114, 35.7093



36.2072, 30.5114, 17.5972



20.5926, 30.5114, 30.8524



22.8192, 30.5114, 56.1097

# Sweetspot

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



39.4327, 30.5129, 35.7099



83.1722, 80.8541, 90.7295



36.3543, 28.3138, 63.2237



17.5487, 16.9004, 19.0227



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.



39.4327, 30.5129, 35.7099



57.7894, 41.2123, 47.9751



38.1438, 31.7494, 23.5217



11.9947, 11.8826, 13.2478



17.1631, 8.7381, 5.7651



0.9980, 0.5039, 0.5243



# Inverse Universe

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



39.4327, 30.5129, 35.7099



57.7894, 41.2123, 47.9751



40.4285, 50.0845, 67.2112



11.9947, 11.8826, 13.2478



17.1631, 8.7381, 5.7651

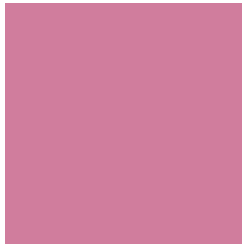


0.9980, 0.5039, 0.5243



# Previews

## White Background



This preview shows how the XYZ color 39.4318, 30.5114, 35.7093 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

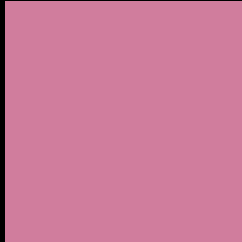
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 39.4318, 30.5114, 35.7093 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 39.4318, 30.5114, 35.7093**

## **Background**



This preview shows how black text looks on a background with the XYZ color 39.4318, 30.5114, 35.7093.



This preview shows how white text looks on a background with the XYZ color 39.4318, 30.5114,



# 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

39.4318, 30.5114, 35.7093

### Protanopia

30.2265, 30.6765, 43.3578

### Deuteranopia

31.3385, 30.7502, 34.4207



## Tritanopia

37.7602, 30.3951, 27.9214

# Trichromacy



## Original Color

39.4318, 30.5114, 35.7093

## Protanomaly

32.7153, 29.9812, 40.6219

## Deuteranomaly

33.7436, 30.2134, 34.6251

## Tritanomaly

38.4323, 30.4885, 30.6473

# Monochromacy



## Original Color

39.4318, 30.5114, 35.7093

## Achromatopsia

30.2779, 31.8547, 34.6897

## Achromatomaly

32.8888, 30.8623, 34.7954

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 39.4318, 30.5114, 35.7093 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(208, 125, 157)` looks like.

```
.text, #text, p{  
    color:rgb(208, 125, 157)  
}
```

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(208, 125, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 125, 157) }
```

## Border

The CSS property to change the border of an element to XYZ 39.4318, 30.5114, 35.7093 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(208, 125, 157) }
```



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

```
.border{ border-color:rgb(208, 125, 157) }
```

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

Here you see how a box with a 4 pixel rgb(208, 125, 157) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 125, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 125, 157);  
box-shadow:4px 4px 4px 4px rgb(208, 125,  
157) }
```

# Background

The CSS property to change the background color of an element to XYZ 39.4318, 30.5114, 35.7093 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 125, 157) }
```

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

```
.background{ background-color: rgb(208,  
125, 157) }
```

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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