

Converting Colors

XYZ(38.9742, 29.4815, 29.5368)

Have a look what the booklet for
XYZ(38.9742, 29.4815, 29.5368)
contains.

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Color

**XYZ(39.1150, 29.5622,
29.6311)**

Conversions

Conversions Part 1

Format	Color
Hex	D5788F
RGB	213, 120, 143
RGB Percent	84%, 47%, 56%
CMY	0.1647, 0.5294, 0.4392
CMYK	0.00, 0.44, 0.33, 0.16
HSL	345°, 53%, 65%
HSV	345°, 44%, 84%
XYZ	39.1150, 29.5622, 29.6311
YIQ	150.4290, 48.0450, 26.8690

Conversions

Conversions Part 2

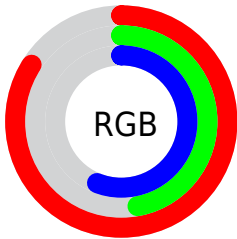
Format	Color
RYB	213, 120, 143
Decimal	13990031
CIELab	61.27, 38.83, 3.63
CIElCh	61, 38.999, 5.335
Yxy	29.5622, 0.3979, 0.3007
Android (android.graphics.Color)	4292180111 (0xFFD5788F)
YUV	150.4290, -3.6625, 54.8748
Hunter-Lab	54.3711, 33.2648, 5.7480

Details

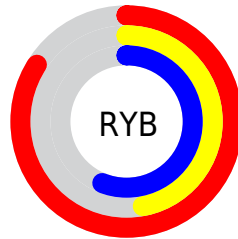
The XYZ color **39.1150, 29.5622, 29.6311** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **40.8357, 55.3001, 57.2398**, and the grayscale version is **29.1732, 30.6925, 33.4242**.

A 20% lighter version of the original color is **66.4541, 55.5633, 60.0456**, and **17.8142, 12.1145, 11.7553** is the 20% darker color. If you saturate the color by 10%, you get **35.7033, 24.5456, 22.9237**, and if you desaturate by 10%, it is **43.2716, 35.7906, 37.4439**.

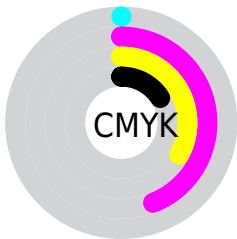
Distribution



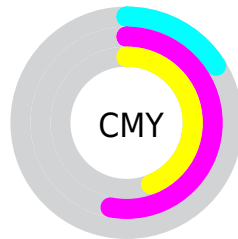
- Red (84%)
- Green (47%)
- Blue (56%)



- Red (84%)
- Yellow (47%)
- Blue (56%)



- Cyan (0%)
- Magenta (44%)
- Yellow (33%)
- Black (16%)





- Cyan (16%)
- Magenta (53%)
- Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 39.1150, 29.5622, 29.6311 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 39.1150, 29.5622, 29.6311 by changing the saturation by 10% instead.


 39.1150, 29.5622,
29.6311


 39.1150, 29.5622,
29.6311

333.5779,
299.8584, 314.3347


 27.0303, 19.5065,
19.3091


 73.1069, 58.9691,
60.1324

 17.7327, 12.0368,
11.7148


 95.7449, 79.0892,
81.1487

 10.8568, 6.7688,
6.4296


 122.6313,
103.3328, 106.5669

 6.0372, 3.3179,
3.0350

154.1315,
132.0844, 136.8055

 2.9086, 1.2999,
1.1125

190.6110,
165.7284, 172.2831

 1.1056, 0.1411,
0.0000

232.4349,

 0.0298, 0.0000,

204.6491, 213.4181

0.0000

279.9688,
249.2310, 260.6291

■ 0.0000, 0.0000,
0.0000

■ 39.1150, 29.5622,
29.6311

■ 39.1150, 29.5622,
29.6311

■ 35.7033, 24.5456,
22.9237

■ 43.2716, 35.7906,
37.4439

■ 32.9887, 20.6571,
17.2686

■ 48.2124, 43.2985,
46.4083

■ 30.9211, 17.8092,
12.6108


■ 53.9766, 52.1540,
56.5698


■ 29.4425, 15.8994,
8.8892

■ 60.6000, 62.4188,
67.9709

■ 28.4838, 14.8042,
6.0348

■ 68.1165, 74.1510,
80.6520

 28.0757, 14.4002,
4.6282

 76.5578, 87.4054,
94.6517

 81.2507, 92.8862,
108.2542

Harmonies

Analogous

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



38.0553, 29.5622, 45.4836



39.1150, 29.5622, 29.6311



36.9431, 29.5622, 18.4519

Triad

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



39.1150, 29.5622, 29.6311



22.7677, 29.5622, 14.1973



24.1772, 29.5622, 65.3140

Complementary

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



39.1150, 29.5622, 29.6311



40.8357, 55.3001, 57.2398

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.



20.7910, 29.5622, 51.4595



39.1150, 29.5622, 29.6311



20.0493, 29.5622, 21.7746

Square

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



39.1150, 29.5622, 29.6311



27.1903, 29.5622, 11.4502



19.3722, 29.5622, 34.8884



29.0256, 29.5622, 69.3309

Rectangle

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



39.1150, 29.5622, 29.6311



34.0938, 29.5622, 14.0878



19.3722, 29.5622, 34.8884



22.8499, 29.5622, 61.4829

Sweetspot

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



39.1158, 29.5637, 29.6317



81.6110, 79.1387, 85.8716



39.9006, 29.1536, 66.4752



17.0279, 16.2598, 17.6124



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.



39.1158, 29.5637, 29.6317



54.1810, 37.6504, 35.5051



40.6919, 35.2237, 22.4252



12.5479, 12.4707, 13.5597



17.1843, 8.8100, 3.0085



1.0698, 0.5447, 0.3569

Inverse Universe

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



39.1158, 29.5637, 29.6317



54.1810, 37.6504, 35.5051



38.1165, 45.5170, 69.7277



12.5479, 12.4707, 13.5597



17.1843, 8.8100, 3.0085



1.0698, 0.5447, 0.3569

Previews

White Background



This preview shows how the XYZ color 39.1150, 29.5622, 29.6311 looks on a white background.

Color Contrast Check

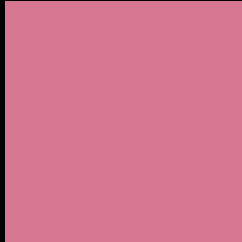
Large Text (above 18pt) WCAG AA ✓ Pass

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 39.1150, 29.5622, 29.6311 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

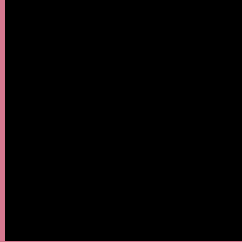
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 39.1150, 29.5622, 29.6311

Background



This preview shows how black text looks on a background with the XYZ color 39.1150, 29.5622, 29.6311.



This preview shows how white text looks on a background with the XYZ color 39.1150, 29.5622,

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

39.1150, 29.5622, 29.6311

Protanopia

28.9045, 29.6665, 37.0037

Deuteranopia

30.2085, 29.6160, 28.5504



Tritanopia

38.2076, 29.5548, 25.1636

Trichromacy



Original Color

39.1150, 29.5622, 29.6311

Protanomaly

31.7087, 28.9619, 34.0560

Deuteranomaly

32.9260, 29.2887, 28.7288

Tritanomaly

38.3619, 29.4211, 26.5786

Monochromacy



Original Color

39.1150, 29.5622, 29.6311

Achromatopsia

28.9890, 30.4987, 33.2131

Achromatomaly

31.7327, 29.4561, 31.6169

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.1150, 29.5622, 29.6311 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(213, 120, 143)` looks like.

```
.text, #text, p{  
    color:rgb(213, 120, 143)  
}
```

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(213, 120, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 120, 143) }
```

Border

The CSS property to change the border of an element to XYZ 39.1150, 29.5622, 29.6311 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(213, 120, 143) }
```


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

```
.border{ border-color:rgb(213, 120, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 120, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 120, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 120, 143);  
box-shadow:4px 4px 4px 4px rgb(213, 120,  
143) }
```

Background

The CSS property to change the background color of an element to XYZ 39.1150, 29.5622, 29.6311 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 120, 143) }
```

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

```
.background{ background-color: rgb(213,  
120, 143) }
```

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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