

Converting Colors

XYZ(39.4480, 28.1233, 39.6540)

Have a look what the booklet for
XYZ(39.4480, 28.1233, 39.6540)
contains.

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Color

**XYZ(39.5411, 28.1904,
39.4336)**

Conversions

Conversions Part 1

Format	Color
Hex	D370A6
RGB	211, 112, 166
RGB Percent	83%, 44%, 65%
CMY	0.1725, 0.5608, 0.3490
CMYK	0.00, 0.47, 0.21, 0.17
HSL	327°, 53%, 63%
HSV	327°, 47%, 83%
XYZ	39.5411, 28.1904, 39.4336
YIQ	147.7570, 41.6700, 37.7820

Conversions

Conversions Part 2

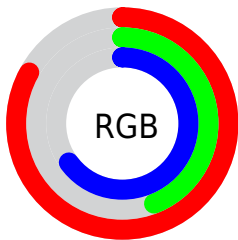
Format	Color
R _Y B	211, 112, 166
Decimal	13856934
CIE Lab	60.06, 45.41, -11.42
CIE LCh	60, 46.824, 345.881
Yxy	28.1904, 0.3690, 0.2631
Android (android.graphics.Color)	4292047014 (0xFFD370A6)
YUV	147.7570, 8.9938, 55.4641
Hunter-Lab	53.0946, 40.0185, -6.8687

Details

The XYZ color **39.5411, 28.1904, 39.4336** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **36.0635, 52.4685, 40.1275**, and the grayscale version is **27.9996, 29.4577, 32.0795**.

A 20% lighter version of the original color is **67.9274, 53.7529, 75.2018**, and **17.9795, 11.3166, 17.1563** is the 20% darker color. If you saturate the color by 10%, you get **36.6326, 23.7292, 34.2839**, and if you desaturate by 10%, it is **43.0623, 33.7715, 45.1119**.

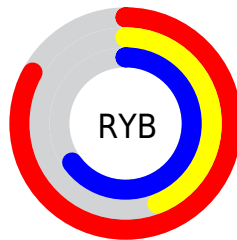
Distribution



Red (83%)

Green (44%)

Blue (65%)



Red (83%)

Yellow (44%)

Blue (65%)

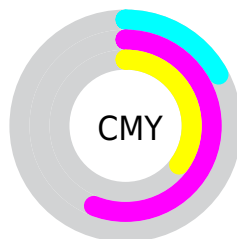


Cyan (0%)

Magenta (47%)

Yellow (21%)

Black (17%)



Cyan (17%)


Magenta (56%)


Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 39.5411, 28.1904, 39.4336 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 39.5411, 28.1904, 39.4336 by changing the saturation by 10% instead.


 39.5411, 28.1904,
39.4336


 39.5411, 28.1904,
39.4336

335.3533,
293.3756, 359.2113

 27.3635, 18.4692,
26.7868


 73.7530, 56.7883,
75.5279


 17.9844, 11.2874,
17.1821


 96.5181, 76.4338,
99.8124

 11.0384, 6.2605,
10.2011


 123.5430,
100.1562, 128.8133

 6.1602, 3.0041,
5.4252

 155.1932,
128.3399, 162.9490

 2.9843, 1.1339,
2.4357

191.8339,
161.3693, 202.6381

 1.1455, 0.0067,
0.8058

233.8306,

 0.0626, 0.0000,

199.6288, 248.2992

0.0000

281.5486,
243.5028, 300.3507

■ 0.0000, 0.0000,
0.0000

■ 39.5411, 28.1904,
39.4336

■ 39.5411, 28.1904,
39.4336

■ 36.6326, 23.7292,
34.2839

■ 43.0623, 33.7715,
45.1119

■ 34.2943, 20.3059,
29.6408

■ 47.2301, 40.5387,
51.3360

■ 32.4818, 17.8337,
25.4824

■ 52.0786, 48.5581,
58.1242

■ 31.1424, 16.2098,
21.7837

■ 57.6388, 57.8894,
65.4933

■ 30.2074, 15.2992,
18.5140

■ 63.9398, 68.5888,
73.4590

■ 29.9636, 15.0888,
17.5789

■ 71.0089, 80.7089,
82.0367

■ 77.3522, 91.2602,
90.7342

■ 78.7614, 91.8239,
98.1546

■ 80.2462, 92.4178,
105.9734

Harmonies

Analogous

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



35.9099, 28.1904, 59.7440



39.5411, 28.1904, 39.4336



39.4227, 28.1904, 22.5478

Triad

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



39.5411, 28.1904, 39.4336



23.7737, 28.1904, 8.6877



19.5703, 28.1904, 60.8659

Complementary

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



39.5411, 28.1904, 39.4336



36.0635, 52.4685, 40.1275

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.



17.1993, 28.1904, 40.5996



39.5411, 28.1904, 39.4336



19.3685, 28.1904, 13.0238

Square

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



39.5411, 28.1904, 39.4336



29.6933, 28.1904, 8.5754



17.1314, 28.1904, 23.3526



24.0901, 28.1904, 74.8962

Rectangle

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



39.5411, 28.1904, 39.4336



37.2139, 28.1904, 15.1753



17.1314, 28.1904, 23.3526



18.5272, 28.1904, 54.2795

Sweetspot

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



39.5419, 28.1918, 39.4342



82.1962, 78.2982, 92.2656



31.3704, 23.4160, 64.4948



17.2122, 16.1222, 19.2345



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.



39.5419, 28.1918, 39.4342



56.3601, 36.6141, 52.8621



35.8672, 26.7219, 20.0833



12.0746, 11.9146, 13.6686



18.1353, 9.1269, 10.8844



1.0538, 0.5262, 0.8180

Inverse Universe

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



39.5419, 28.1918, 39.4342



56.3601, 36.6141, 52.8621



41.1240, 54.4927, 66.7756



12.0746, 11.9146, 13.6686



18.1353, 9.1269, 10.8844



1.0538, 0.5262, 0.8180

Previews

White Background



This preview shows how the XYZ color 39.5411, 28.1904, 39.4336 looks on a white background.

Color Contrast Check

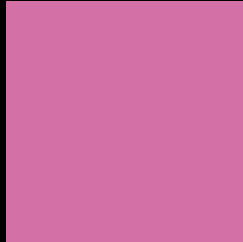
Large Text (above 18pt) WCAG AA ✓ Pass

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 39.5411, 28.1904, 39.4336 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 39.5411, 28.1904, 39.4336

Background



This preview shows how black text looks on a background with the XYZ color 39.5411, 28.1904, 39.4336.



This preview shows how white text looks on a background with the XYZ color 39.5411, 28.1904,

39.4336.

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

39.5411, 28.1904, 39.4336

Protanopia

28.8819, 28.6457, 51.5839

Deuteranopia

28.9068, 28.2984, 37.6568



Tritanopia

36.3449, 28.2569, 23.9606

Trichromacy



Original Color

39.5411, 28.1904, 39.4336



Protanomaly

31.3898, 27.4792, 46.8296



Deuteranomaly

31.8271, 27.4938, 38.2797



Tritanomaly

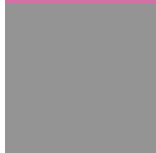
37.2562, 28.0855, 29.0486

Monochromacy



Original Color

39.5411, 28.1904, 39.4336



Achromatopsia

28.1479, 29.6138, 32.2495



Achromatomaly

31.3750, 28.3524, 34.8293

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.5411, 28.1904, 39.4336 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(211, 112, 166)` looks like.

```
.text, #text, p{  
    color:rgb(211, 112, 166)  
}
```

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(211, 112, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 112, 166) }
```

Border

The CSS property to change the border of an element to XYZ 39.5411, 28.1904, 39.4336 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(211, 112, 166) }
```


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

```
.border{ border-color:rgb(211, 112, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 112, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 112, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 112, 166);  
box-shadow:4px 4px 4px 4px rgb(211, 112,  
166) }
```

Background

The CSS property to change the background color of an element to XYZ 39.5411, 28.1904, 39.4336 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 112, 166) }
```

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

```
.background{ background-color: rgb(211,  
112, 166) }
```

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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