

Converting Colors

XYZ(39.3702, 28.1233, 36.7156)

Have a look what the booklet for
XYZ(39.3702, 28.1233, 36.7156)
contains.

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Color

**XYZ(39.2907, 28.1235,
36.6152)**

Conversions

Conversions Part 1

Format	Color
Hex	D470A0
RGB	212, 112, 160
RGB Percent	83%, 44%, 63%
CMY	0.1686, 0.5608, 0.3725
CMYK	0.00, 0.47, 0.25, 0.17
HSL	331°, 54%, 64%
HSV	331°, 47%, 83%
XYZ	39.2907, 28.1235, 36.6152
YIQ	147.3720, 44.1920, 36.1280

Conversions

Conversions Part 2

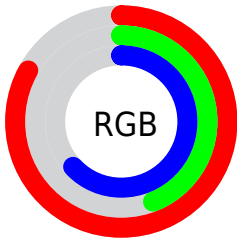
Format	Color
R _Y B	212, 112, 160
Decimal	13922464
CIE Lab	60.00, 44.88, -8.04
CIE LCh	60, 45.595, 349.837
Yxy	28.1235, 0.3777, 0.2703
Android (android.graphics.Color)	4292112544 (0xFFD470A0)
YUV	147.3720, 6.2256, 56.6788
Hunter-Lab	53.0316, 39.4440, -3.8141

Details

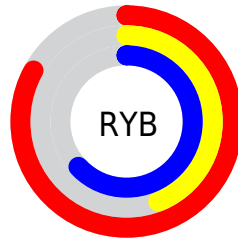
The XYZ color **39.2907, 28.1235, 36.6152** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **36.9278, 53.2128, 43.4495**, and the grayscale version is **27.8502, 29.3006, 31.9084**.

A 20% lighter version of the original color is **67.1420, 53.4387, 71.0659**, and **17.8937, 11.3044, 15.7069** is the 20% darker color. If you saturate the color by 10%, you get **36.2989, 23.6153, 31.0688**, and if you desaturate by 10%, it is **42.9203, 33.7699, 42.7968**.

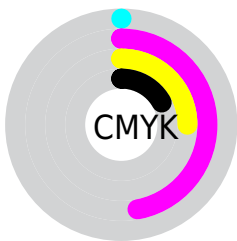
Distribution



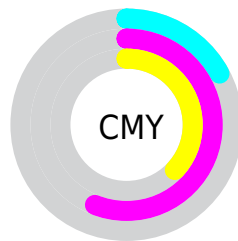
- Red (83%)
- Green (44%)
- Blue (63%)



- Red (83%)
- Yellow (44%)
- Blue (63%)



- Cyan (0%)
- Magenta (47%)
- Yellow (25%)
- Black (17%)





- Cyan (17%)
- Magenta (56%)
- Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 39.2907, 28.1235, 36.6152 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 39.2907, 28.1235, 36.6152 by changing the saturation by 10% instead.


 39.2907, 28.1235,
36.6152


 39.2907, 28.1235,
36.6152


334.3108,
293.0566, 346.7599


 27.1677, 18.4188,
24.6163


 73.3734, 56.6816,
71.1603


 17.8364, 11.2511,
15.5750


 96.0639, 76.3037,
94.5435

 10.9316, 6.2360,
9.0728


 123.0075,
100.0004, 122.5585

 6.0878, 2.9891,
4.6912

 154.5696,
128.1561, 155.6239

 2.9397, 1.1260,
2.0117

191.1157,
161.1551, 194.1582

 1.1220, 0.0000,
0.5625

233.0110,

 0.0434, 0.0000,

199.3820, 238.5799

0.0000

280.6209,
243.2210, 289.3077

■ 0.0000, 0.0000,
0.0000

■ 39.2907, 28.1235,
36.6152

■ 39.2907, 28.1235,
36.6152

■ 36.2989, 23.6153,
31.0688

■ 42.9203, 33.7699,
42.7968

■ 33.9010, 20.1619,
26.1312

■ 47.2229, 40.6221,
49.6349

■ 32.0511, 17.6748,
21.7760


■ 52.2336, 48.7471,
57.1517


■ 30.6948, 16.0491,
17.9732


■ 57.9847, 58.2060,
65.3678


■ 29.7602, 15.1449,
14.6864


■ 64.5061, 69.0558,
74.3025

 29.5376, 14.9515,
13.8357

 71.8262, 81.3501,
83.9746

 78.2228, 91.6416,
93.8189

 79.8854, 92.3067,
102.5741

 80.9615, 92.7371,
108.2407

Harmonies

Analogous

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



36.1997, 28.1235, 56.2110



39.2907, 28.1235, 36.6152



38.6642, 28.1235, 21.0047

Triad

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



39.2907, 28.1235, 36.6152



23.1190, 28.1235, 9.3211



20.1587, 28.1235, 62.1220

Complementary

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



39.2907, 28.1235, 36.6152



36.9278, 53.2128, 43.4495

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.



17.5461, 28.1235, 42.8005



39.2907, 28.1235, 36.6152



19.0759, 28.1235, 14.2859

Square

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



39.2907, 28.1235, 36.6152



28.7487, 28.1235, 8.7039



17.1806, 28.1235, 25.3208



24.8091, 28.1235, 74.0924

Rectangle

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



39.2907, 28.1235, 36.6152



36.2496, 28.1235, 14.3697



17.1806, 28.1235, 25.3208



19.0434, 28.1235, 56.0028

Sweetspot

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



39.2915, 28.1249, 36.6157



81.8535, 78.1612, 90.4611



32.9203, 24.2006, 65.2236



17.1288, 16.0888, 18.7954



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.



39.2915, 28.1249, 36.6157



54.9569, 35.6079, 46.8442



36.0569, 27.1280, 18.6668



12.6690, 12.5191, 14.1973



18.2850, 9.2503, 8.8051



1.1446, 0.5746, 0.7507

Inverse Universe

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



39.2915, 28.1249, 36.6157



54.9569, 35.6079, 46.8442



41.6956, 54.4568, 70.6011



12.6690, 12.5191, 14.1973



18.2850, 9.2503, 8.8051



1.1446, 0.5746, 0.7507

Previews

White Background



This preview shows how the XYZ color 39.2907, 28.1235, 36.6152 looks on a white background.

Color Contrast Check

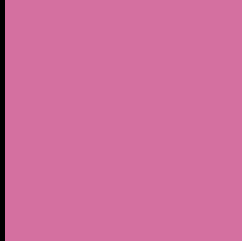
Large Text (above 18pt) WCAG AA ✓ Pass

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 39.2907, 28.1235, 36.6152 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 39.2907, 28.1235, 36.6152

Background



This preview shows how black text looks on a background with the XYZ color 39.2907, 28.1235, 36.6152.



This preview shows how white text looks on a background with the XYZ color 39.2907, 28.1235,

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

39.2907, 28.1235, 36.6152

Protanopia

28.4671, 28.5170, 47.7200

Deuteranopia

28.9588, 28.3849, 34.9629



Tritanopia

36.6037, 28.0445, 23.5626

Trichromacy



Original Color

39.2907, 28.1235, 36.6152

Protanomaly

31.1039, 27.4122, 43.1869

Deuteranomaly

31.9729, 27.6297, 35.5462

Tritanomaly

37.4839, 28.0565, 27.8659

Monochromacy



Original Color

39.2907, 28.1235, 36.6152

Achromatopsia

27.7328, 29.1771, 31.7738

Achromatomaly

30.9872, 27.9751, 33.4723

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.2907, 28.1235, 36.6152 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(212, 112, 160)` looks like.

```
.text, #text, p{  
    color:rgb(212, 112, 160)  
}
```

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(212, 112, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 112, 160) }
```

Border

The CSS property to change the border of an element to XYZ 39.2907, 28.1235, 36.6152 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(212, 112, 160) }
```


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

```
.border{ border-color:rgb(212, 112, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 112, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 112, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 112, 160);  
box-shadow:4px 4px 4px 4px rgb(212, 112,  
160) }
```

Background

The CSS property to change the background color of an element to XYZ 39.2907, 28.1235, 36.6152 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 112, 160) }
```

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

```
.background{ background-color: rgb(212,  
112, 160) }
```

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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