

Converting Colors

XYZ(40.0626, 27.8870, 30.4307)

Have a look what the booklet for
XYZ(40.0626, 27.8870, 30.4307)
contains.

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Color

**XYZ(39.9612, 27.8064,
30.4551)**

Conversions

Conversions Part 1

Format	Color
Hex	DC6B92
RGB	220, 107, 146
RGB Percent	86%, 42%, 57%
CMY	0.1373, 0.5804, 0.4274
CMYK	0.00, 0.51, 0.34, 0.14
HSL	339°, 62%, 64%
HSV	339°, 51%, 86%
XYZ	39.9612, 27.8064, 30.4551
YIQ	145.2330, 54.8290, 36.0850

Conversions

Conversions Part 2

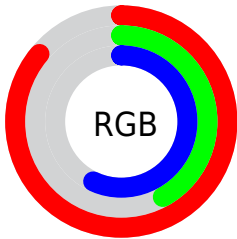
Format	Color
R _Y B	220, 107, 146
Decimal	14445458
CIE Lab	59.71, 48.22, -0.26
CIE LCh	60, 48.223, 359.696
Yxy	27.8064, 0.4068, 0.2831
Android (android.graphics.Color)	4292635538 (0xFFDC6B92)
YUV	145.2330, 0.3781, 65.5707
Hunter-Lab	52.7318, 42.9903, 2.6695

Details

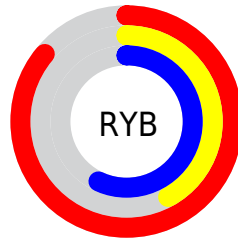
The XYZ color **39.9612, 27.8064, 30.4551** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **39.9986, 57.6491, 52.7386**, and the grayscale version is **26.9922, 28.3979, 30.9253**.

A 20% lighter version of the original color is **64.4102, 50.9199, 61.0773**, and **18.2847, 11.0721, 12.2398** is the 20% darker color. If you saturate the color by 10%, you get **36.9013, 23.3685, 24.2497**, and if you desaturate by 10%, it is **43.7473, 33.4704, 37.6001**.

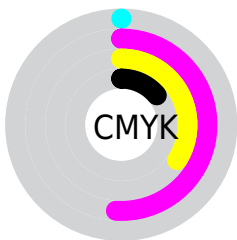
Distribution



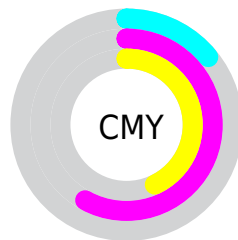
- Red (86%)
- Green (42%)
- Blue (57%)



- Red (86%)
- Yellow (42%)
- Blue (57%)



- Cyan (0%)
- Magenta (51%)
- Yellow (34%)
- Black (14%)





- Cyan (14%)
- Magenta (58%)
- Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 39.9612, 27.8064, 30.4551 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 39.9612, 27.8064, 30.4551 by changing the saturation by 10% instead.


 39.9612, 27.8064,
30.4551


 39.9612, 27.8064,
30.4551


337.0972,
291.5407, 318.2931


 27.6924, 18.1798,
19.9293


 74.3891, 56.1752,
61.4506


 18.2332, 11.0791,
12.1601


 97.2790, 75.6862,
82.7575

 11.2182, 6.1201,
6.7289


 124.4398, 99.2607,
108.4950

 6.2822, 2.9182,
3.2173

 156.2371,
127.2832, 139.0819

 3.0597, 1.0892,
1.2066

193.0361,
160.1380, 174.9366

 1.1854, 0.0000,
0.0000

235.2022,

 0.0948, 0.0000,

198.2096, 216.4777

0.0000

283.1008,
241.8824, 264.1237

■ 0.0000, 0.0000,
0.0000

■ 39.9612, 27.8064,
30.4551

■ 39.9612, 27.8064,
30.4551

■ 36.9013, 23.3685,
24.2497

■ 43.7473, 33.4704,
37.6001

■ 34.5149, 20.0601,
18.9396

■ 48.3027, 40.4390,
45.7226

■ 32.7454, 17.7768,
14.4788

■ 53.6698, 48.7893,
54.8603

■ 31.5250, 16.3923,
10.8154

■ 59.8868, 58.5909,
65.0484

■ 30.8170, 15.7364,
8.2364

■ 66.9899, 69.9089,
76.3200

■ 75.0129, 82.8043,
88.7069

■ 82.0414, 93.4421,
101.5909

■ 83.3252, 93.9556,
108.3513

Harmonies

Analogous

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



37.8893, 27.8064, 50.5593



39.9612, 27.8064, 30.4551



37.9686, 27.8064, 16.5108

Triad

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



39.9612, 27.8064, 30.4551



21.0397, 27.8064, 9.4823



20.9472, 27.8064, 69.4660

Complementary

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



39.9612, 27.8064, 30.4551



39.9986, 57.6491, 52.7386

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.



17.5024, 27.8064, 50.1258



39.9612, 27.8064, 30.4551



17.5497, 27.8064, 16.3055

Square

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



39.9612, 27.8064, 30.4551



26.4915, 27.8064, 7.5920



16.3594, 27.8064, 30.0985



26.3669, 27.8064, 77.7500

Rectangle

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



39.9612, 27.8064, 30.4551



34.7549, 27.8064, 11.2199



16.3594, 27.8064, 30.0985



19.5520, 27.8064, 63.7504

Sweetspot

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



39.9620, 27.8078, 30.4556



80.2644, 76.4673, 85.3554



37.1046, 25.4418, 70.6653



16.7838, 15.7426, 17.6208



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.



39.9620, 27.8078, 30.4556



51.1288, 32.0403, 32.9641



39.3715, 30.6816, 17.7588



13.2406, 13.1253, 14.5283



18.1336, 9.2545, 5.0834



1.2145, 0.6155, 0.5387

Inverse Universe

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



39.9620, 27.8078, 30.4556



51.1288, 32.0403, 32.9641



40.3505, 51.0295, 75.4331



13.2406, 13.1253, 14.5283



18.1336, 9.2545, 5.0834



1.2145, 0.6155, 0.5387

Previews

White Background



This preview shows how the XYZ color 39.9612, 27.8064, 30.4551 looks on a white background.

Color Contrast Check

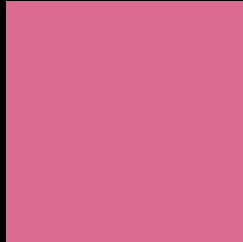
Large Text (above 18pt) WCAG AA ✓ Pass

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 39.9612, 27.8064, 30.4551 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

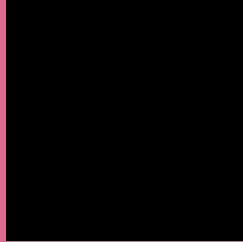
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 39.9612, 27.8064, 30.4551

Background



This preview shows how black text looks on a background with the XYZ color 39.9612, 27.8064, 30.4551.



This preview shows how white text looks on a background with the XYZ color 39.9612, 27.8064,

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

39.9612, 27.8064, 30.4551

Protanopia

27.7056, 28.0475, 40.9993

Deuteranopia

28.6830, 28.1528, 29.1216



Tritanopia

38.0978, 27.8498, 21.1369

Trichromacy



Original Color

39.9612, 27.8064, 30.4551

Protanomaly

30.6900, 26.9383, 36.8398

Deuteranomaly

31.9685, 27.3666, 29.5840

Tritanomaly

38.7518, 27.7969, 24.0918

Monochromacy



Original Color

39.9612, 27.8064, 30.4551

Achromatopsia

26.9133, 28.3149, 30.8349

Achromatomaly

30.2404, 27.0476, 30.4149

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.9612, 27.8064, 30.4551 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(220, 107, 146)` looks like.

```
.text, #text, p{  
    color:rgb(220, 107, 146)  
}
```

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(220, 107, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 107, 146) }
```

Border

The CSS property to change the border of an element to XYZ 39.9612, 27.8064, 30.4551 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(220, 107, 146) }
```


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

```
.border{ border-color:rgb(220, 107, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 107, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(220, 107, 146); -webkit-box-shadow:4px 4px 4px 4px rgb(220, 107, 146); box-shadow:4px 4px 4px 4px rgb(220, 107, 146) }
```

Background

The CSS property to change the background color of an element to XYZ 39.9612, 27.8064, 30.4551 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 107, 146) }
```

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

```
.background{ background-color: rgb(220,  
107, 146) }
```

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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