

Converting Colors

XYZ(39.7000, 27.3670, 48.2900)

Have a look what the booklet for XYZ(39.7000, 27.3670, 48.2900) contains.

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Color

**XYZ(39.7464, 27.4512,
48.5511)**

Conversions

Conversions Part 1

Format	Color
Hex	CF6CB8
RGB	207, 108, 184
RGB Percent	81%, 42%, 72%
CMY	0.1882, 0.5764, 0.2784
CMYK	0.00, 0.48, 0.11, 0.19
HSL	314°, 51%, 62%
HSV	314°, 48%, 81%
XYZ	39.7464, 27.4512, 48.5511
YIQ	146.2650, 34.6080, 44.6240

Conversions

Conversions Part 2

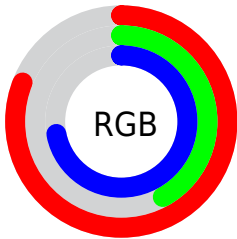
Format	Color
R _Y B	207, 108, 184
Decimal	13593784
CIE _{Lab}	59.39, 48.95, -22.81
CIE _{LCh}	59, 54.001, 335.010
Yxy	27.4512, 0.3434, 0.2372
Android (android.graphics.Color)	4291783864 (0xFFCF6CB8)
YUV	146.2650, 18.6034, 53.2646
Hunter-Lab	52.3939, 43.7221, -18.2657

Details

The XYZ color **39.7464, 27.4512, 48.5511** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **32.5951, 49.4534, 29.3022**, and the grayscale version is **27.3473, 28.7714, 31.3321**.

A 20% lighter version of the original color is **69.8885, 53.3919, 89.0602**, and **18.0406, 10.8551, 22.6171** is the 20% darker color. If you saturate the color by 10%, you get **37.3214, 23.3939, 45.2977**, and if you desaturate by 10%, it is **42.7086, 32.5544, 52.0687**.

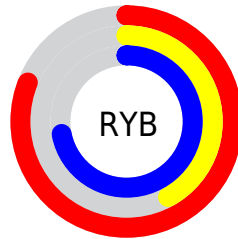
Distribution



Red (81%)

Green (42%)

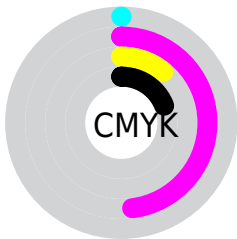
Blue (72%)



Red (81%)

Yellow (42%)

Blue (72%)

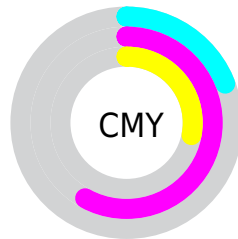


Cyan (0%)

Magenta (48%)

Yellow (11%)

Black (19%)



Cyan (19%)


Magenta (58%)


Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 39.7464, 27.4512, 48.5511 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 39.7464, 27.4512, 48.5511 by changing the saturation by 10% instead.


 39.7464, 27.4512,
48.5511


 39.7464, 27.4512,
48.5511

336.2063,
289.8352, 397.5440


 27.5242, 17.9124,
33.9004


 74.0640, 55.6071,
89.3984


 18.1059, 10.8871,
22.5404


 96.8901, 74.9929,
116.4322

 11.1262, 5.9910,
14.0524


 123.9815, 98.4298,
148.4307

 6.2197, 2.8396,
8.0179

 155.7037,
126.3023, 185.8126

 3.0211, 1.0486,
4.0185

192.4218,
158.9946, 228.9963

 1.1649, 0.0000,
1.6355

234.5015,

 0.0784, 0.0000,

196.8913, 278.4004

0.3160

282.3078,
240.3767, 334.4434

■ 0.0000, 0.0000,
0.0000

■ 39.7464, 27.4512,
48.5511

■ 39.7464, 27.4512,
48.5511

■ 37.3214, 23.3939,
45.2977

■ 42.7086, 32.5544,
52.0687

■ 35.3934, 20.3039,
42.2934

■ 46.2390, 38.7669,
55.8608

■ 33.9210, 18.0982,
39.5239

■ 50.3695, 46.1516,
59.9391

■ 32.8544, 16.6776,
36.9718

■ 55.1287, 54.7656,
64.3140

■ 32.1224, 15.8998,
34.6124

■ 60.5435, 64.6621,
68.9952

■ 31.9823, 15.7655,
34.1160

■ 66.6390, 75.8915,
73.9919

■ 73.4392, 88.5012,
79.3127

■ 74.7410, 90.0850,
82.8908

■ 75.3969, 90.3473,
86.3444

Harmonies

Analogous

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



34.2884, 27.4512, 71.9616



39.7464, 27.4512, 48.5511



41.3129, 27.4512, 26.7529

Triad

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



39.7464, 27.4512, 48.5511



24.9720, 27.4512, 6.0190



16.8220, 27.4512, 56.7615

Complementary

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



39.7464, 27.4512, 48.5511



32.5951, 49.4534, 29.3022

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.



15.1604, 27.4512, 33.2626



39.7464, 27.4512, 48.5511



19.3177, 27.4512, 8.5825

Square

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



39.7464, 27.4512, 48.5511



31.9815, 27.4512, 7.2430



15.9883, 27.4512, 16.7525



20.9731, 27.4512, 77.9654

Rectangle

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



39.7464, 27.4512, 48.5511



39.7438, 27.4512, 16.7443



15.9883, 27.4512, 16.7525



15.9897, 27.4512, 48.5677

Sweetspot

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



39.7473, 27.4525, 48.5517



83.3929, 78.7770, 98.5679



25.7481, 19.9341, 61.5226



17.5048, 16.2392, 20.7754



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.



39.7473, 27.4525, 48.5517



59.8600, 37.5692, 72.6639



35.5433, 25.7709, 26.4136



12.1884, 11.9601, 14.2680



20.1880, 9.9480, 21.6940



1.1581, 0.5679, 1.3672

Inverse Universe

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



39.7473, 27.4525, 48.5517



59.8600, 37.5692, 72.6639



36.6299, 51.0673, 50.5488



12.1884, 11.9601, 14.2680



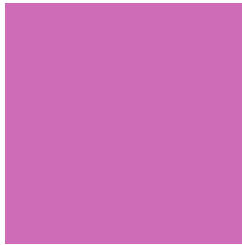
20.1880, 9.9480, 21.6940



1.1581, 0.5679, 1.3672

Previews

White Background



This preview shows how the XYZ color 39.7464, 27.4512, 48.5511 looks on a white background.

Color Contrast Check

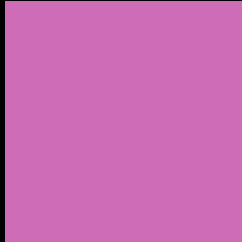
Large Text (above 18pt) WCAG AA ✓ Pass

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 39.7464, 27.4512, 48.5511 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

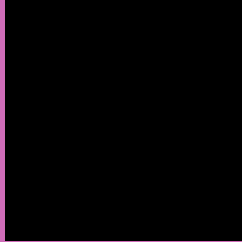
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 39.7464, 27.4512, 48.5511

Background



This preview shows how black text looks on a background with the XYZ color 39.7464, 27.4512, 48.5511.



This preview shows how white text looks on a background with the XYZ color 39.7464, 27.4512,

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

39.7464, 27.4512, 48.5511

Protanopia

28.9187, 27.7182, 64.1476

Deuteranopia

28.2082, 27.7531, 45.9896



Tritanopia

34.7663, 27.4354, 24.2321

Trichromacy



Original Color

39.7464, 27.4512, 48.5511



Protanomaly

31.2245, 26.5460, 58.1218



Deuteranomaly

31.3983, 26.8883, 46.7151



Tritanomaly

36.2988, 27.3572, 31.8011

Monochromacy



Original Color

39.7464, 27.4512, 48.5511



Achromatopsia

27.3213, 28.7441, 31.3023



Achromatomaly

30.7449, 27.3654, 36.9193

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.7464, 27.4512, 48.5511 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(207, 108, 184)` looks like.

```
.text, #text, p{  
    color:rgb(207, 108, 184)  
}
```

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(207, 108, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 108, 184) }
```

Border

The CSS property to change the border of an element to XYZ 39.7464, 27.4512, 48.5511 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(207, 108, 184) }
```


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

```
.border{ border-color:rgb(207, 108, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 108, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 108, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 108, 184);  
box-shadow:4px 4px 4px 4px rgb(207, 108,  
184) }
```

Background

The CSS property to change the background color of an element to XYZ 39.7464, 27.4512, 48.5511 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 108, 184) }
```

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

```
.background{ background-color: rgb(207,  
108, 184) }
```

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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