

Converting Colors

XYZ(35.3271, 27.5684, 30.1240)

Have a look what the booklet for
XYZ(35.3271, 27.5684, 30.1240)
contains.

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Color

**XYZ(35.3805, 27.6194,
30.2544)**

Conversions

Conversions Part 1

Format	Color
Hex	C77891
RGB	199, 120, 145
RGB Percent	78%, 47%, 57%
CMY	0.2196, 0.5294, 0.4314
CMYK	0.00, 0.40, 0.27, 0.22
HSL	341°, 41%, 63%
HSV	341°, 40%, 78%
XYZ	35.3805, 27.6194, 30.2544
YIQ	146.4710, 39.0590, 24.5230

Conversions

Conversions Part 2

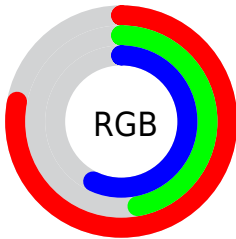
Format	Color
R _Y B	199, 120, 145
Decimal	13072529
CIE Lab	59.54, 34.06, -0.26
CIE LCh	60, 34.060, 359.560
Yxy	27.6194, 0.3794, 0.2962
Android (android.graphics.Color)	4291262609 (0xFFC77891)
YUV	146.4710, -0.7252, 46.0679
Hunter-Lab	52.5542, 28.1999, 2.6558

Details

The XYZ color **35.3805, 27.6194, 30.2544** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **35.8104, 47.8966, 47.4044**, and the grayscale version is **27.5074, 28.9399, 31.5155**.

A 20% lighter version of the original color is **66.4924, 55.2707, 61.1966**, and **15.5214, 10.9221, 12.1166** is the 20% darker color. If you saturate the color by 10%, you get **32.2443, 22.9262, 24.3400**, and if you desaturate by 10%, it is **39.1412, 33.3601, 36.9972**.

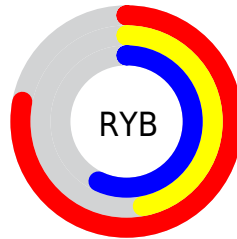
Distribution



Red (78%)

Green (47%)

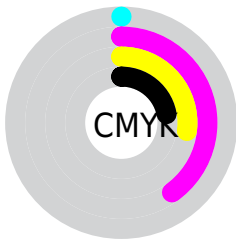
Blue (57%)



Red (78%)

Yellow (47%)

Blue (57%)

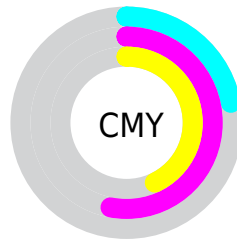


Cyan (0%)

Magenta (40%)

Yellow (27%)

Black (22%)



Cyan (22%)


Magenta (53%)

Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 35.3805, 27.6194, 30.2544 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 35.3805, 27.6194, 30.2544 by changing the saturation by 10% instead.

 35.3805, 27.6194,
30.2544


 35.3805, 27.6194,
30.2544


317.7233,
290.6438, 317.3326


 24.1240, 18.0390,
19.7781


 67.4050, 55.8762,
61.1300

 15.5509, 10.9780,
12.0514


 88.9036, 75.3214,
82.3664

 9.2957, 6.0520,
6.6557

 114.5471, 98.8236,
108.0265

 4.9932, 2.8767,
3.1726

144.7006,
126.7672, 138.5290

 2.2780, 1.0677,
1.1834

179.7297,
159.5366, 174.2923

 0.7834, 0.0000,
0.0000

219.9996,

 0.0000, 0.0000,

197.5163, 215.7349

0.0000

265.8757,
241.0905, 263.2755

■ 35.3805, 27.6194,
30.2544

■ 35.3805, 27.6194,
30.2544

■ 32.2443, 22.9262,
24.3400

■ 39.1412, 33.3601,
36.9972

■ 29.6948, 19.2127,
19.2189

■ 43.5567, 40.2029,
44.5985

■ 27.6936, 16.4093,
14.8553


■ 48.6579, 48.2030,
53.0885

■ 26.1964, 14.4354,
11.2102


■ 54.4732, 57.4109,
62.4955


■ 25.1514, 13.1961,
8.2398


■ 61.0293, 67.8743,
72.8467

 24.4677, 12.5184,
5.8854

 68.3514, 79.6380,
84.1679

 24.4496, 12.5007,
5.8221

 75.0747, 89.9667,
96.0209

 77.1750, 90.8068,
107.0807

 77.3633, 90.8822,
108.0723

Harmonies

Analogous

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



34.0133, 27.6194, 43.6789



35.3805, 27.6194, 30.2544



34.0886, 27.6194, 19.8710

Triad

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



35.3805, 27.6194, 30.2544



22.3936, 27.6194, 13.8654



22.2952, 27.6194, 55.3434

Complementary

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



35.3805, 27.6194, 30.2544



35.8104, 47.8966, 47.4044

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.



19.7181, 27.6194, 43.2777



35.3805, 27.6194, 30.2544



19.7705, 27.6194, 19.6338

Square

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



35.3805, 27.6194, 30.2544



26.3147, 27.6194, 12.1127



18.8455, 27.6194, 29.8920



26.1882, 27.6194, 60.3709

Rectangle

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



35.3805, 27.6194, 30.2544



31.9655, 27.6194, 15.4537



18.8455, 27.6194, 29.8920



21.2624, 27.6194, 51.8391

Sweetspot

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



35.3813, 27.6207, 30.2549



82.8664, 80.7318, 89.1193



34.4782, 26.5547, 57.3414



17.4770, 16.8717, 18.6452



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.



35.3813, 27.6207, 30.2549



56.9550, 40.8786, 43.5816



35.5364, 30.6837, 21.8206



10.7698, 10.6913, 11.7712



15.7570, 8.0524, 3.9302



0.7793, 0.3945, 0.3608

Inverse Universe

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



35.3813, 27.6207, 30.2549



56.9550, 40.8786, 43.5816



35.3036, 42.6135, 60.3975



10.7698, 10.6913, 11.7712



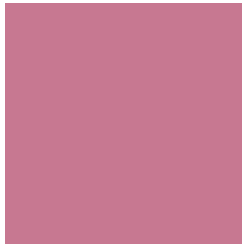
15.7570, 8.0524, 3.9302



0.7793, 0.3945, 0.3608

Previews

White Background



This preview shows how the XYZ color 35.3805, 27.6194, 30.2544 looks on a white background.

Color Contrast Check

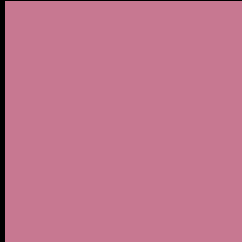
Large Text (above 18pt) WCAG AA ✓ Pass

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 35.3805, 27.6194, 30.2544 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 35.3805, 27.6194, 30.2544

Background



This preview shows how black text looks on a background with the XYZ color 35.3805, 27.6194, 30.2544.



This preview shows how white text looks on a background with the XYZ color 35.3805, 27.6194,

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

35.3805, 27.6194, 30.2544

Protanopia

27.2358, 27.8989, 36.7504

Deuteranopia

28.2157, 27.6873, 29.4482



Tritanopia

34.4131, 27.5908, 25.3416

Trichromacy



Original Color

35.3805, 27.6194, 30.2544

Protanomaly

29.6010, 27.4476, 34.3096

Deuteranomaly

30.4428, 27.3699, 29.6650

Tritanomaly

34.6414, 27.4867, 27.1466

Monochromacy



Original Color

35.3805, 27.6194, 30.2544

Achromatopsia

27.3213, 28.7441, 31.3023

Achromatomaly

29.6510, 27.9660, 31.0293

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.3805, 27.6194, 30.2544 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(199, 120, 145)` looks like.

```
.text, #text, p{  
    color:rgb(199, 120, 145)  
}
```

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(199, 120, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 120, 145) }
```

Border

The CSS property to change the border of an element to XYZ 35.3805, 27.6194, 30.2544 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(199, 120, 145) }
```


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

```
.border{ border-color:rgb(199, 120, 145) }
```

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

Here you see how a box with a 4 pixel rgb(199, 120, 145) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 120, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 120, 145);  
box-shadow:4px 4px 4px 4px rgb(199, 120,  
145) }
```

Background

The CSS property to change the background color of an element to XYZ 35.3805, 27.6194, 30.2544 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 120, 145) }
```

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

```
.background{ background-color: rgb(199,  
120, 145) }
```

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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