

Converting Colors

XYZ(35.2109, 27.4447, 32.5442)

Have a look what the booklet for
XYZ(35.2109, 27.4447, 32.5442)
contains.

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Color

**XYZ(35.3283, 27.5376,
32.7314)**

Conversions

Conversions Part 1

Format	Color
Hex	C57897
RGB	197, 120, 151
RGB Percent	77%, 47%, 59%
CMY	0.2274, 0.5294, 0.4078
CMYK	0.00, 0.39, 0.23, 0.23
HSL	336°, 40%, 62%
HSV	336°, 39%, 77%
XYZ	35.3283, 27.5376, 32.7314
YIQ	146.5570, 35.9410, 25.9650

Conversions

Conversions Part 2

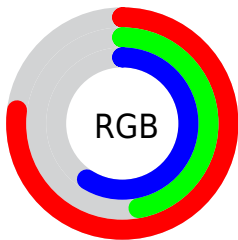
Format	Color
R_{YB}	197, 120, 151
Decimal	12941463
CIE Lab	59.47, 34.20, -3.86
CIE LCh	59, 34.420, 353.563
Yxy	27.5376, 0.3696, 0.2881
Android (android.graphics.Color)	4291131543 (0xFFC57897)
YUV	146.5570, 2.1904, 44.2385
Hunter-Lab	52.4763, 28.3370, -0.2480

Details

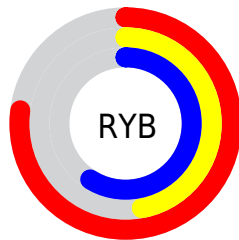
The XYZ color **35.3283, 27.5376, 32.7314** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **34.5961, 46.6794, 43.2653**, and the grayscale version is **27.5320, 28.9658, 31.5438**.

A 20% lighter version of the original color is **67.2030, 55.5549, 64.9388**, and **15.4129, 10.8391, 13.3364** is the 20% darker color. If you saturate the color by 10%, you get **32.2896, 22.9142, 27.2358**, and if you desaturate by 10%, it is **38.9514, 33.1766, 38.8932**.

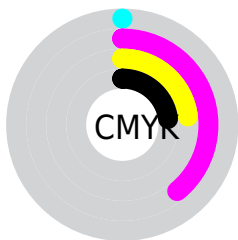
Distribution



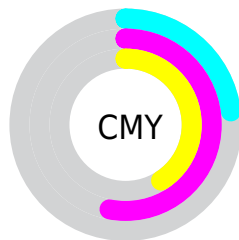
- Red (77%)
- Green (47%)
- Blue (59%)



- Red (77%)
- Yellow (47%)
- Blue (59%)



- Cyan (0%)
- Magenta (39%)
- Yellow (23%)
- Black (23%)





- Cyan (23%)
- Magenta (53%)
- Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 35.3283, 27.5376, 32.7314 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 35.3283, 27.5376, 32.7314 by changing the saturation by 10% instead.


 35.3283, 27.5376,
32.7314

 35.3283, 27.5376,
32.7314


317.4978,
290.2507, 329.0325


 24.0836, 17.9774,
21.6513


 67.3247, 55.7453,
65.0671

 15.5207, 10.9338,
13.4051


 88.8071, 75.1617,
87.1599

 9.2743, 6.0223,
7.5741


 114.4328, 98.6322,
113.7606

 4.9791, 2.8586,
3.7398

144.5671,
126.5412, 145.2878

 2.2696, 1.0584,
1.4837

179.5754,
159.2732, 182.1600

 0.7791, 0.0000,
0.2057

219.8230,

 0.0000, 0.0000,

197.2125, 224.7959

0.0000

265.6754,
240.7436, 273.6138

■ 35.3283, 27.5376,
32.7314

■ 35.3283, 27.5376,
32.7314

■ 32.2896, 22.9142,
27.2358

■ 38.9514, 33.1766,
38.8932

■ 29.8001, 19.2411,
22.3801

■ 43.1867, 39.8833,
45.7429

■ 27.8242, 16.4515,
18.1383


■ 48.0631, 47.7111,
53.3028


■ 26.3208, 14.4684,
14.4816


■ 53.6068, 56.7085,
61.5941


■ 25.2420, 13.2008,
11.3780


■ 59.8426, 66.9212,
70.6366


 24.5078, 12.4944,
8.7839

 66.7940, 78.3925,
80.4496

 24.4485, 12.4393,
8.5680

 73.5494, 89.2957,
90.7403

 75.2914, 89.9925,
99.9135

 76.8360, 90.6104,
108.0476

Harmonies

Analogous

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



33.4431, 27.5376, 46.4533



35.3283, 27.5376, 32.7314



34.5520, 27.5376, 21.4421

Triad

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



35.3283, 27.5376, 32.7314



22.9908, 27.5376, 13.0340



21.5425, 27.5376, 53.4900

Complementary

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



35.3283, 27.5376, 32.7314



34.5961, 46.6794, 43.2653

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.



19.2727, 27.5376, 40.5372



35.3283, 27.5376, 32.7314



20.0423, 27.5376, 17.9552

Square

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



35.3283, 27.5376, 32.7314



27.1163, 27.5376, 12.0096



18.7552, 27.5376, 27.3944



25.2532, 27.5376, 60.3887

Rectangle

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



35.3283, 27.5376, 32.7314



32.6676, 27.5376, 16.3933



18.7552, 27.5376, 27.3944



20.6030, 27.5376, 49.5531

Sweetspot

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



35.3291, 27.5389, 32.7319



83.2482, 80.8846, 91.1299



32.2954, 25.4560, 56.0348



17.5665, 16.9075, 19.1167



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.



35.3291, 27.5389, 32.7319



58.5136, 42.0653, 50.0524



33.9314, 28.2562, 21.4365



10.8078, 10.7065, 11.9713



16.1198, 8.1975, 5.8405



0.7989, 0.4024, 0.4644

Inverse Universe

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



35.3291, 27.5389, 32.7319



58.5136, 42.0653, 50.0524



36.3647, 45.1051, 59.6130



10.8078, 10.7065, 11.9713



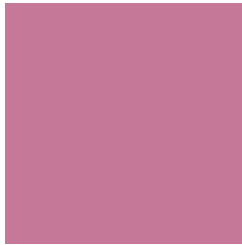
16.1198, 8.1975, 5.8405



0.7989, 0.4024, 0.4644

Previews

White Background



This preview shows how the XYZ color 35.3283, 27.5376, 32.7314 looks on a white background.

Color Contrast Check

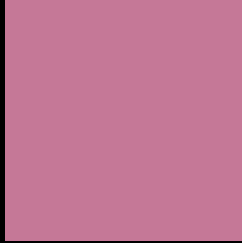
Large Text (above 18pt) WCAG AA ✓ Pass

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 35.3283, 27.5376, 32.7314 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

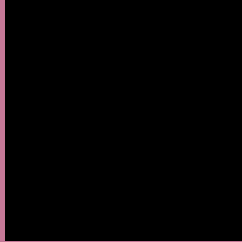
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 35.3283, 27.5376, 32.7314

Background



This preview shows how black text looks on a background with the XYZ color 35.3283, 27.5376, 32.7314.



This preview shows how white text looks on a background with the XYZ color 35.3283, 27.5376,

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

35.3283, 27.5376, 32.7314

Protanopia

27.4292, 27.9370, 39.5440

Deuteranopia

28.2882, 27.6713, 31.8671



Tritanopia

33.8223, 27.4615, 25.7083

Trichromacy



Original Color

35.3283, 27.5376, 32.7314

Protanomaly

29.7071, 27.4431, 36.9890

Deuteranomaly

30.4707, 27.3304, 32.1031

Tritanomaly

34.4581, 27.5483, 28.3122

Monochromacy



Original Color

35.3283, 27.5376, 32.7314

Achromatopsia

27.7328, 29.1771, 31.7738

Achromatomaly

29.8080, 28.0288, 31.8560

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.3283, 27.5376, 32.7314 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(197, 120, 151)` looks like.

```
.text, #text, p{  
    color:rgb(197, 120, 151)  
}
```

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(197, 120, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 120, 151) }
```

Border

The CSS property to change the border of an element to XYZ 35.3283, 27.5376, 32.7314 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(197, 120, 151) }
```


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

```
.border{ border-color:rgb(197, 120, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 120, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 120, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 120, 151);  
box-shadow:4px 4px 4px 4px rgb(197, 120,  
151) }
```

Background

The CSS property to change the background color of an element to XYZ 35.3283, 27.5376, 32.7314 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 120, 151) }
```

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

```
.background{ background-color: rgb(197,  
120, 151) }
```

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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