

Converting Colors

XYZ(35.3114, 27.6046, 31.2637)

Have a look what the booklet for
XYZ(35.3114, 27.6046, 31.2637)
contains.

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Color

**XYZ(35.2716, 27.5453,
31.0615)**

Conversions

Conversions Part 1

Format	Color
Hex	C67893
RGB	198, 120, 147
RGB Percent	78%, 47%, 58%
CMY	0.2235, 0.5294, 0.4235
CMYK	0.00, 0.39, 0.26, 0.22
HSL	339°, 41%, 62%
HSV	339°, 39%, 78%
XYZ	35.2716, 27.5453, 31.0615
YIQ	146.4000, 37.8210, 24.9330

Conversions

Conversions Part 2

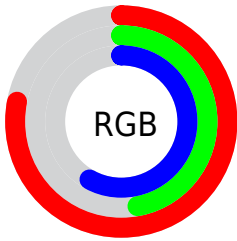
Format	Color
RYB	198, 120, 147
Decimal	13006995
CIELab	59.48, 33.98, -1.53
CIELCh	59, 34.015, 357.424
Yxy	27.5453, 0.3757, 0.2934
Android (android.graphics.Color)	4291197075 (0xFFC67893)
YUV	146.4000, 0.2958, 45.2532
Hunter-Lab	52.4836, 28.1145, 1.6488

Details

The XYZ color **35.2716, 27.5453, 31.0615** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **35.2917, 47.3221, 45.8045**, and the grayscale version is **27.4745, 28.9053, 31.4778**.

A 20% lighter version of the original color is **66.7262, 55.3642, 62.4278**, and **15.4411, 10.8701, 12.5936** is the 20% darker color. If you saturate the color by 10%, you get **32.1725, 22.8823, 25.2950**, and if you desaturate by 10%, it is **38.9790, 33.2414, 37.5955**.

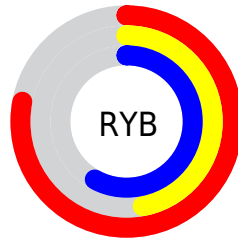
Distribution



Red (78%)

Green (47%)

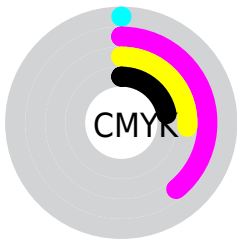
Blue (58%)



Red (78%)

Yellow (47%)

Blue (58%)

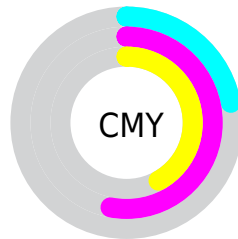


Cyan (0%)

Magenta (39%)

Yellow (26%)

Black (22%)



Cyan (22%)

Magenta (53%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 35.2716, 27.5453, 31.0615 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 35.2716, 27.5453, 31.0615 by changing the saturation by 10% instead.

■ 35.2716, 27.5453,
31.0615

■ 35.2716, 27.5453,
31.0615

317.2526,
290.2878, 321.1815

■ 24.0397, 17.9832,
20.3868

■ 67.2376, 55.7577,
62.4176

■ 15.4879, 10.9379,
12.4897

■ 88.7023, 75.1767,
83.9361

■ 9.2511, 6.0251,
6.9515

■ 114.3087, 98.6502,
109.9063

■ 4.9637, 2.8603,
3.3538

144.4220,
126.5625, 140.7467

■ 2.2605, 1.0593,
1.2780

179.4078,
159.2980, 176.8759

■ 0.7744, 0.0000,
0.0437

219.6312,

■ 0.0000, 0.0000,

197.2411, 218.7124

0.0000

265.4577,
240.7762, 266.6748

■ 35.2716, 27.5453,
31.0615

■ 35.2716, 27.5453,
31.0615

■ 32.1725, 22.8823,
25.2950

■ 38.9790, 33.2414,
37.5955

■ 29.6449, 19.1857,
20.2643

■ 43.3239, 40.0238,
44.9236

■ 27.6518, 16.3874,
15.9378


■ 48.3363, 47.9472,
53.0731


■ 26.1502, 14.4083,
12.2802


■ 54.0437, 57.0609,
62.0695


■ 25.0902, 13.1556,
9.2528


■ 60.4719, 67.4118,
71.9369


 24.3860, 12.4656,
6.8032

 67.6456, 79.0438,
82.6986

 24.3484, 12.4297,
6.6701

 74.4269, 89.6770,
93.9900

 76.3945, 90.4641,
104.3514

 77.0987, 90.7458,
108.0599

Harmonies

Analogous

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



33.7289, 27.5453, 44.5208



35.2716, 27.5453, 31.0615



34.1677, 27.5453, 20.4116

Triad

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



35.2716, 27.5453, 31.0615



22.5779, 27.5453, 13.5851



22.0037, 27.5453, 54.4973

Complementary

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



35.2716, 27.5453, 31.0615



35.2917, 47.3221, 45.8045

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.



19.5473, 27.5453, 42.1810



35.2716, 27.5453, 31.0615



19.8526, 27.5453, 19.0277

Square

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



35.2716, 27.5453, 31.0615



26.5518, 27.5453, 12.0981



18.8042, 27.5453, 28.9476



25.8137, 27.5453, 60.1567

Rectangle

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



35.2716, 27.5453, 31.0615



32.1393, 27.5453, 15.7928



18.8042, 27.5453, 28.9476



21.0087, 27.5453, 50.8588

Sweetspot

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



35.2724, 27.5466, 31.0620



82.9974, 80.7842, 89.8091



33.6399, 26.1359, 56.6979



17.5077, 16.8840, 18.8068



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.



35.2724, 27.5466, 31.0620



57.8241, 41.7895, 46.4216



34.8905, 29.7845, 21.6811



10.7829, 10.6965, 11.8400



15.8710, 8.0980, 4.5306



0.7857, 0.3971, 0.3946

Inverse Universe

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



35.2724, 27.5466, 31.0620



57.8241, 41.7895, 46.4216



35.5619, 43.3154, 59.9126



10.7829, 10.6965, 11.8400



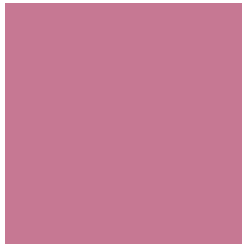
15.8710, 8.0980, 4.5306



0.7857, 0.3971, 0.3946

Previews

White Background



This preview shows how the XYZ color 35.2716, 27.5453, 31.0615 looks on a white background.

Color Contrast Check

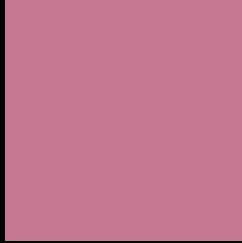
Large Text (above 18pt) WCAG AA ✓ Pass

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 35.2716, 27.5453, 31.0615 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

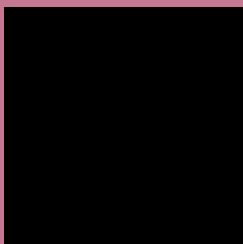
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 35.2716, 27.5453, 31.0615

Background



This preview shows how black text looks on a background with the XYZ color 35.2716, 27.5453, 31.0615.



This preview shows how white text looks on a background with the XYZ color 35.2716, 27.5453,

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

35.2716, 27.5453, 31.0615

Protanopia

27.2400, 27.8809, 37.6641

Deuteranopia

28.1713, 27.6470, 30.2372



Tritanopia

34.0128, 27.5676, 25.3582

Trichromacy



Original Color

35.2716, 27.5453, 31.0615

Protanomaly

29.5650, 27.4096, 35.1848

Deuteranomaly

30.3754, 27.3175, 30.4599

Tritanomaly

34.5008, 27.5955, 27.1750

Monochromacy



Original Color

35.2716, 27.5453, 31.0615

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 35.2716, 27.5453, 31.0615 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(198, 120, 147)` looks like.

```
.text, #text, p{  
    color:rgb(198, 120, 147)  
}
```

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(198, 120, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 120, 147) }
```

Border

The CSS property to change the border of an element to XYZ 35.2716, 27.5453, 31.0615 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(198, 120, 147) }
```


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

```
.border{ border-color:rgb(198, 120, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 120, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 120, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 120, 147);  
box-shadow:4px 4px 4px 4px rgb(198, 120,  
147) }
```

Background

The CSS property to change the background color of an element to XYZ 35.2716, 27.5453, 31.0615 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 120, 147) }
```

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

```
.background{ background-color: rgb(198,  
120, 147) }
```

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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