

Converting Colors

XYZ(27.9965, 18.9297, 33.1886)

Have a look what the booklet for
XYZ(27.9965, 18.9297, 33.1886)
contains.

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Color

**XYZ(27.9965, 18.9297,
33.1886)**

Conversions

Conversions Part 1	
Format	Color
Hex	B3589B
RGB	179, 88, 155
RGB Percent	70%, 35%, 61%
CMY	0.2980, 0.6549, 0.3922
CMYK	0.00, 0.51, 0.13, 0.30
HSL	316°, 37%, 52%
HSV	316°, 51%, 70%
XYZ	27.9965, 18.9297, 33.1886
YIQ	122.8470, 32.7290, 40.1290

Conversions

Conversions Part 2

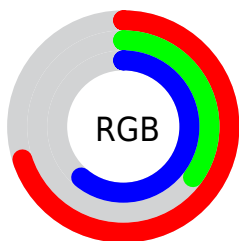
Format	Color
RYB	179, 88, 155
Decimal	11753627
CIELab	50.60, 45.59, -19.76
CIELCh	51, 49.688, 336.564
Yxy	18.9297, 0.3495, 0.2363
Android (android.graphics.Color)	4289943707 (0xFFB3589B)
YUV	122.8470, 15.8514, 49.2462
Hunter-Lab	43.5083, 38.7209, -14.7713

Details

The XYZ color **27.9965, 18.9297, 33.1886** is a dark color, and the websafe version is hex **CC6699**. A complement of this color would be **23.0701, 35.4853, 20.9641**, and the grayscale version is **18.7189, 19.6937, 21.4465**.

A 20% lighter version of the original color is **56.0828, 41.7074, 66.0672**, and **11.4119, 6.4866, 13.7473** is the 20% darker color. If you saturate the color by 10%, you get **26.3148, 16.1882, 30.7100**, and if you desaturate by 10%, it is **30.0556, 22.4006, 35.8699**.

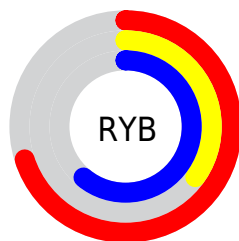
Distribution



Red (70%)

Green (35%)

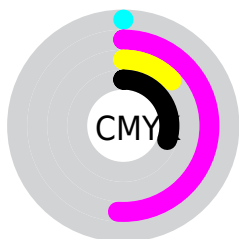
Blue (61%)



Red (70%)

Yellow (35%)

Blue (61%)

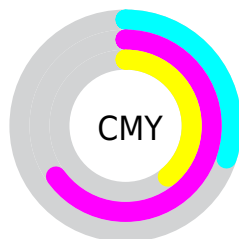


Cyan (0%)

Magenta (51%)

Yellow (13%)

Black (30%)



Cyan (30%)

Magenta (65%)


Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 27.9965, 18.9297, 33.1886 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 27.9965, 18.9297, 33.1886 by changing the saturation by 10% instead.

 27.9965, 18.9297,
33.1886


 27.9965, 18.9297,
33.1886


284.5306,
246.0604, 331.1568


 18.4635, 11.6195,
21.9987


 55.8875, 41.6153,
65.7893


 11.3849, 6.4851,
13.6576


 74.9762, 57.7594,
88.0371

 6.3956, 3.1423,
7.7469


 97.9809, 77.6170,
114.8079

 3.1300, 1.2064,
3.8480

 125.2668,
101.5725, 146.5204

 1.2229, 0.0670,
1.5423

157.1994,
130.0101, 183.5929

 0.1243, 0.0000,
0.2492

194.1440,


 0.0000, 0.0000,


163.3144, 226.4442


0.0000


236.4659,
201.8697, 275.4926

 27.9965, 18.9297,
33.1886


 27.9965, 18.9297,
33.1886

 26.3148, 16.1882,
30.7100

 30.0556, 22.4006,
35.8699


 24.9817, 14.1197,
28.4231


 32.5147, 26.6466,
38.7616

 23.9669, 12.6636,
26.3170


 35.3965, 31.7128,
41.8724


 23.2341, 11.7473,
24.3788


 38.7218, 37.6402,
45.2101


 22.7410, 11.2440,
22.7261

 42.5095, 44.4667,
48.7817

 46.7779, 52.2284,
52.5942

 51.5440, 60.9589,
56.6539

 56.8239, 70.6906,
60.9670

 62.6332, 81.4540,
65.5396

Harmonies

Analogous

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



24.1508, 18.9297, 50.4337



27.9965, 18.9297, 33.1886



28.9600, 18.9297, 17.7017

Triad

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



27.9965, 18.9297, 33.1886



16.9452, 18.9297, 3.8201



11.4834, 18.9297, 41.0106

Complementary

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



27.9965, 18.9297, 33.1886



23.0701, 35.4853, 20.9641

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.



10.2157, 18.9297, 23.8233



27.9965, 18.9297, 33.1886



12.9810, 18.9297, 5.7251

Square

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



27.9965, 18.9297, 33.1886



21.9693, 18.9297, 4.5193



10.7099, 18.9297, 11.6963



14.5265, 18.9297, 56.1934

Rectangle

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



27.9965, 18.9297, 33.1886



27.7082, 18.9297, 10.8125



10.7099, 18.9297, 11.6963



10.8631, 18.9297, 35.0401

Sweetspot

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



27.9971, 18.9306, 33.1890



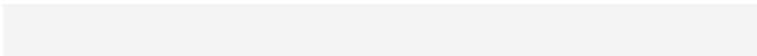
66.6180, 62.5276, 78.2778



18.1515, 13.5985, 44.3162



14.4860, 13.3663, 17.0673



86.6293, 91.1408, 99.2523



17.0014, 17.8868, 19.4787

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



27.9971, 18.9306, 33.1890



46.8117, 28.4884, 54.4933



24.9364, 17.7063, 17.0713



8.7524, 8.6077, 10.1947



16.0976, 7.9566, 16.2060



0.5290, 0.2593, 0.6282

Inverse Universe

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



27.9971, 18.9306, 33.1890



46.8117, 28.4884, 54.4933



26.1673, 36.7242, 37.2736



8.7524, 8.6077, 10.1947



16.0976, 7.9566, 16.2060



0.5290, 0.2593, 0.6282

Previews

White Background



This preview shows how the XYZ color 27.9965, 18.9297, 33.1886 looks on a white background.

Color Contrast Check

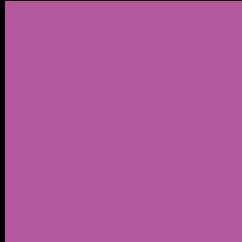
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.9965, 18.9297, 33.1886 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 27.9965, 18.9297, 33.1886

Background



This preview shows how black text looks on a background with the XYZ color 27.9965, 18.9297, 33.1886.



This preview shows how white text looks on a background with the XYZ color 27.9965, 18.9297,

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

27.9965, 18.9297, 33.1886

Protanopia

20.1003, 19.2150, 45.2973

Deuteranopia

19.4547, 19.0104, 31.4982



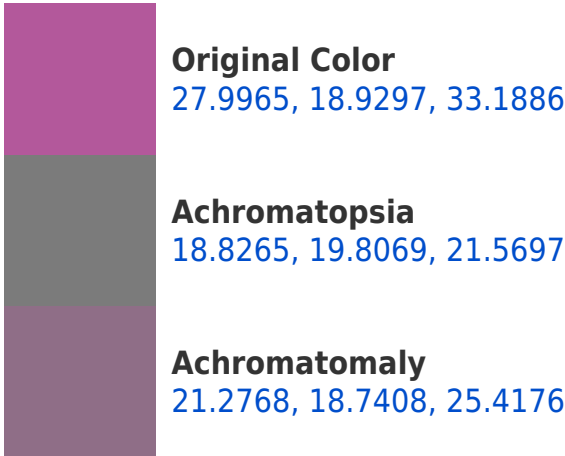
Tritanopia

24.5189, 18.9630, 16.0036

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.9965, 18.9297, 33.1886 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(179, 88, 155)` looks like.

```
.text, #text, p{  
    color:rgb(179, 88, 155)  
}
```

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(179, 88, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 88, 155) }
```

Border

The CSS property to change the border of an element to XYZ 27.9965, 18.9297, 33.1886 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(179, 88, 155) }
```


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

```
.border{ border-color:rgb(179, 88, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 88, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 88, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 88, 155);  
box-shadow:4px 4px 4px 4px rgb(179, 88,  
155) }
```

Background

The CSS property to change the background color of an element to XYZ 27.9965, 18.9297, 33.1886 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 88, 155) }
```

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

```
.background{ background-color: rgb(179, 88,  
155) }
```

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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