

Converting Colors

XYZ(27.5628, 19.2649, 18.2461)

Have a look what the booklet for
XYZ(27.5628, 19.2649, 18.2461)
contains.

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Color

**XYZ(27.6797, 19.3461,
18.1949)**

Conversions

Conversions Part 1

Format	Color
Hex	BD5A72
RGB	189, 90, 114
RGB Percent	74%, 35%, 45%
CMY	0.2588, 0.6470, 0.5529
CMYK	0.00, 0.52, 0.40, 0.26
HSL	345°, 43%, 55%
HSV	345°, 52%, 74%
XYZ	27.6797, 19.3461, 18.1949
YIQ	122.3370, 51.3000, 28.4520

Conversions

Conversions Part 2

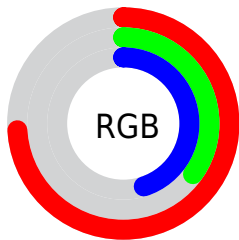
Format	Color
RYB	189, 90, 114
Decimal	12409458
CIELab	51.09, 42.24, 5.51
CIELCh	51, 42.598, 7.434
Yxy	19.3461, 0.4244, 0.2966
Android (android.graphics.Color)	4290599538 (0xFFBD5A72)
YUV	122.3370, -4.1101, 58.4635
Hunter-Lab	43.9842, 35.3595, 6.2625

Details

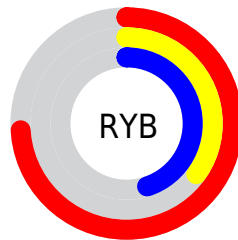
The XYZ color **27.6797, 19.3461, 18.1949** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **29.2066, 41.2859, 42.0295**, and the grayscale version is **18.6108, 19.5800, 21.3226**.

A 20% lighter version of the original color is **55.4168, 42.3546, 41.3309**, and **11.1922, 6.6851, 5.8547** is the 20% darker color. If you saturate the color by 10%, you get **25.5311, 16.2527, 13.7675**, and if you desaturate by 10%, it is **30.3622, 23.3030, 23.4302**.

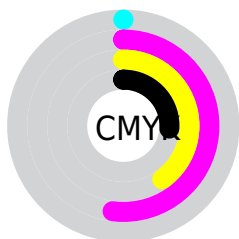
Distribution



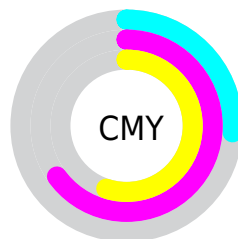
- Red (74%)
- Green (35%)
- Blue (45%)



- Red (74%)
- Yellow (35%)
- Blue (45%)



- Cyan (0%)
- Magenta (52%)
- Yellow (40%)
- Black (26%)





- Cyan (26%)
- Magenta (65%)
- Yellow (55%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 27.6797, 19.3461, 18.1949 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 27.6797, 19.3461, 18.1949 by changing the saturation by 10% instead.


 27.6797, 19.3461,
18.1949


 27.6797, 19.3461,
18.1949


283.0411,
248.3528, 254.2402


 18.2236, 11.9206,
10.9191


 55.3849, 42.3181,
41.1876


 11.2113, 6.6897,
5.8990


 74.3647, 58.6334,
57.7415

 6.2775, 3.2688,
2.7160


 97.2497, 78.6808,
78.2253

 3.0568, 1.2736,
0.9514

 124.4053,
102.8447, 103.0574

 1.1839, 0.1206,
0.0000

156.1969,
131.5095, 132.6564

 0.0936, 0.0000,
0.0000

192.9899,

 0.0000, 0.0000,

165.0595, 167.4409

0.0000

235.1495,
203.8791, 207.8293

■ 27.6797, 19.3461,
18.1949

■ 27.6797, 19.3461,
18.1949

■ 25.5311, 16.2527,
13.7675

■ 30.3622, 23.3030,
23.4302

■ 23.8776, 13.9549,
10.1052

■ 33.6107, 28.1789,
29.5109

■ 22.6774, 12.3791,
7.1628

■ 37.4565, 34.0278,
36.4731

■ 21.8805, 11.4366,
4.8893

■ 41.9280, 40.8991,
44.3508

■ 21.4756, 11.0146,
3.5594

■ 47.0520, 48.8384,
53.1760

■ 52.8535, 57.8889,
62.9791

■ 59.3563, 68.0911,
73.7891

■ 66.5829, 79.4836,
85.6339

■ 72.9044, 88.8021,
97.9900

Harmonies

Analogous

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



26.9586, 19.3461, 31.3168



27.6797, 19.3461, 18.1949



25.6244, 19.3461, 9.8491

Triad

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



27.6797, 19.3461, 18.1949



13.8777, 19.3461, 7.4624



15.4425, 19.3461, 50.6911

Complementary

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



27.6797, 19.3461, 18.1949



29.2066, 41.2859, 42.0295

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.



12.6608, 19.3461, 38.6130



27.6797, 19.3461, 18.1949



11.8586, 19.3461, 13.3366

Square

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



27.6797, 19.3461, 18.1949



17.3565, 19.3461, 5.3893



11.4500, 19.3461, 24.2212



19.4594, 19.3461, 53.5933

Rectangle

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



27.6797, 19.3461, 18.1949



23.1178, 19.3461, 6.9091



11.4500, 19.3461, 24.2212



14.3516, 19.3461, 47.3942

Sweetspot

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



27.6802, 19.3471, 18.1953



71.8512, 68.2549, 73.7622



28.2038, 18.9068, 50.3069



15.0968, 14.1332, 15.2379



90.7827, 95.5105, 104.0109



18.6292, 19.5994, 21.3438

Same Dimension

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



27.6802, 19.3471, 18.1953



45.1849, 28.3438, 23.4968



28.9347, 23.7627, 12.7359



9.6224, 9.5733, 10.4008



14.4753, 7.4213, 2.5305



0.5937, 0.3014, 0.2399

Inverse Universe

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



27.6802, 19.3471, 18.1953



45.1849, 28.3438, 23.4968



26.7228, 32.4891, 53.0066



9.6224, 9.5733, 10.4008



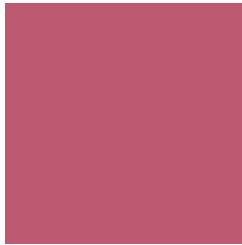
14.4753, 7.4213, 2.5305



0.5937, 0.3014, 0.2399

Previews

White Background



This preview shows how the XYZ color 27.6797, 19.3461, 18.1949 looks on a white background.

Color Contrast Check

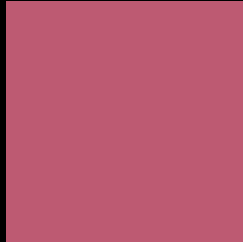
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.6797, 19.3461, 18.1949 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

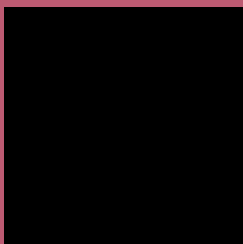
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 27.6797, 19.3461, 18.1949

Background



This preview shows how black text looks on a background with the XYZ color 27.6797, 19.3461, 18.1949.



This preview shows how white text looks on a background with the XYZ color 27.6797, 19.3461,

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

27.6797, 19.3461, 18.1949

Protanopia

19.0283, 19.4783, 24.5866

Deuteranopia

19.8862, 19.5500, 17.1934



Tritanopia

26.9055, 19.4209, 14.1349

Trichromacy



Original Color

27.6797, 19.3461, 18.1949

Protanomaly

21.1317, 18.7435, 21.9061

Deuteranomaly

22.1364, 19.0409, 17.5475

Tritanomaly

27.0649, 19.3451, 15.4042

Monochromacy



Original Color

27.6797, 19.3461, 18.1949

Achromatopsia

18.4984, 19.4618, 21.1939

Achromatomaly

20.7598, 18.5948, 19.9478

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.6797, 19.3461, 18.1949 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(189, 90, 114)` looks like.

```
.text, #text, p{  
    color:rgb(189, 90, 114)  
}
```

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(189, 90, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 90, 114) }
```

Border

The CSS property to change the border of an element to XYZ 27.6797, 19.3461, 18.1949 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(189, 90, 114) }
```


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

```
.border{ border-color:rgb(189, 90, 114) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 90, 114)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 90, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 90, 114);  
box-shadow:4px 4px 4px 4px rgb(189, 90,  
114) }
```

Background

The CSS property to change the background color of an element to XYZ 27.6797, 19.3461, 18.1949 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 90, 114) }
```

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

```
.background{ background-color: rgb(189, 90,  
114) }
```

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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