

Converting Colors

XYZ(27.1557, 18.4187, 19.4636)

Have a look what the booklet for
XYZ(27.1557, 18.4187, 19.4636)
contains.

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Color

**XYZ(27.0718, 18.3937,
19.5763)**

Conversions

Conversions Part 1

Format	Color
Hex	BB5577
RGB	187, 85, 119
RGB Percent	73%, 33%, 47%
CMY	0.2667, 0.6666, 0.5333
CMYK	0.00, 0.55, 0.36, 0.27
HSL	340°, 43%, 53%
HSV	340°, 55%, 73%
XYZ	27.0718, 18.3937, 19.5763
YIQ	119.3740, 49.8780, 32.1980

Conversions

Conversions Part 2

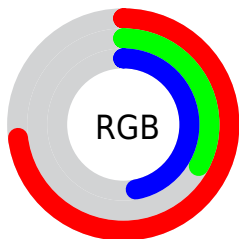
Format	Color
R_{YB}	187, 85, 119
Decimal	12277111
CIE _{Lab}	49.97, 44.62, 0.86
CIE _{LCh}	50, 44.629, 1.105
Yxy	18.3937, 0.4162, 0.2828
Android (android.graphics.Color)	4290467191 (0xFFBB5577)
YUV	119.3740, -0.1844, 59.3080
Hunter-Lab	42.8879, 37.6195, 2.9584

Details

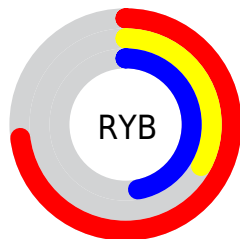
The XYZ color **27.0718, 18.3937, 19.5763** is a dark color, and the websafe version is hex **CC6699**. A complement of this color would be **27.2674, 39.7723, 36.3789**, and the grayscale version is **17.6432, 18.5620, 20.2141**.

A 20% lighter version of the original color is **54.4452, 40.7101, 43.5163**, and **10.8332, 6.1807, 6.5833** is the 20% darker color. If you saturate the color by 10%, you get **25.0890, 15.5488, 15.4605**, and if you desaturate by 10%, it is **29.5428, 22.0577, 24.3399**.

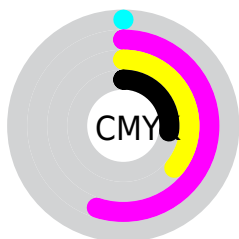
Distribution



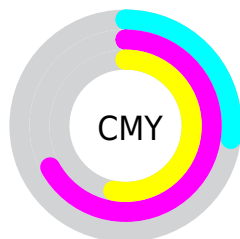
- Red (73%)
- Green (33%)
- Blue (47%)



- Red (73%)
- Yellow (33%)
- Blue (47%)



- Cyan (0%)
- Magenta (55%)
- Yellow (36%)
- Black (27%)



- Cyan (27%)
- Magenta (67%)
- Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 27.0718, 18.3937, 19.5763 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 27.0718, 18.3937, 19.5763 by changing the saturation by 10% instead.


 27.0718, 18.3937,
19.5763


 27.0718, 18.3937,
19.5763


280.1658,
243.0809, 262.1400


 17.7640, 11.2330,
11.9064


 54.4181, 40.7070,
43.5553

 10.8794, 6.2238,
6.5582


 73.1874, 56.6285,
60.7014


 6.0525, 2.9816,
3.1132


 95.8412, 76.2390,
81.8434

 2.9180, 1.1222,
1.1527

 122.7449, 99.9229,
107.3998

 1.1105, 0.0000,
0.0000

 154.2639,
128.0647, 137.7891

 0.0339, 0.0000,
0.0000

190.7634,

 0.0000, 0.0000,

161.0486, 173.4299

0.0000

232.6090,
199.2592, 214.7407

■ 27.0718, 18.3937,
19.5763

■ 27.0718, 18.3937,
19.5763

■ 25.0890, 15.5488,
15.4605

■ 29.5428, 22.0577,
24.3399

■ 23.5578, 13.4559,
11.9609

■ 32.5321, 26.5954,
29.7784

■ 22.4384, 12.0420,
9.0446

■ 36.0689, 32.0597,
35.9186

■ 21.6826, 11.2177,
6.6741

■ 40.1799, 38.4988,
42.7853

■ 21.3720, 10.9162,
5.5853

■ 44.8899, 45.9573,
50.4023

■ 50.2222, 54.4771,
58.7919

■ 56.1989, 64.0978,
67.9757

■ 62.8409, 74.8567,
77.9744

■ 70.1684, 86.7898,
88.8078

Harmonies

Analogous

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



25.7252, 18.3937, 33.7153



27.0718, 18.3937, 19.5763



25.5203, 18.3937, 10.1505

Triad

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



27.0718, 18.3937, 19.5763



13.5656, 18.3937, 5.8643



13.7991, 18.3937, 48.5699

Complementary

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



27.0718, 18.3937, 19.5763



27.2674, 39.7723, 36.3789

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.



11.3393, 18.3937, 34.8422



27.0718, 18.3937, 19.5763



11.2207, 18.3937, 10.6595

Square

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



27.0718, 18.3937, 19.5763



17.3244, 18.3937, 4.4947



10.4765, 18.3937, 20.4858



17.6419, 18.3937, 54.0539

Rectangle

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



27.0718, 18.3937, 19.5763



23.1773, 18.3937, 6.7122



10.4765, 18.3937, 20.4858



12.8067, 18.3937, 44.5496

Sweetspot

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



27.0723, 18.3946, 19.5766



70.6233, 66.8442, 74.4232



25.3558, 16.8583, 48.9313



15.2066, 14.1772, 15.8160



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.



27.0723, 18.3946, 19.5766



44.4704, 27.1990, 26.6747



26.8853, 20.7245, 11.1788



9.6578, 9.5874, 10.5870



14.7558, 7.5335, 4.0079



0.6090, 0.3075, 0.3201

Inverse Universe

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



27.0723, 18.3946, 19.5766



44.4704, 27.1990, 26.6747



27.0914, 34.2693, 52.2005



9.6578, 9.5874, 10.5870



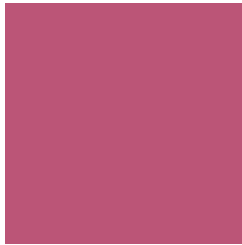
14.7558, 7.5335, 4.0079



0.6090, 0.3075, 0.3201

Previews

White Background



This preview shows how the XYZ color 27.0718, 18.3937, 19.5763 looks on a white background.

Color Contrast Check

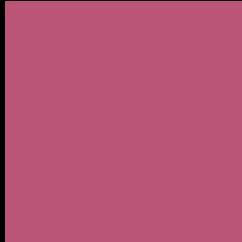
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.0718, 18.3937, 19.5763 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

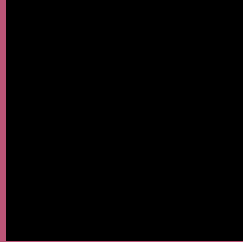
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 27.0718, 18.3937, 19.5763

Background



This preview shows how black text looks on a background with the XYZ color 27.0718, 18.3937, 19.5763.



This preview shows how white text looks on a background with the XYZ color 27.0718, 18.3937,

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

27.0718, 18.3937, 19.5763

Protanopia

18.3411, 18.5340, 27.0368

Deuteranopia

18.8409, 18.4629, 18.4903



Tritanopia

25.6913, 18.3036, 13.2452

Trichromacy



Original Color

27.0718, 18.3937, 19.5763

Protanomaly

20.4742, 17.7248, 24.1719

Deuteranomaly

21.2396, 17.9339, 18.8651

Tritanomaly

26.2381, 18.4180, 15.2688

Monochromacy



Original Color

27.0718, 18.3937, 19.5763

Achromatopsia

17.5343, 18.4475, 20.0893

Achromatomaly

20.0891, 17.7766, 19.8252

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.0718, 18.3937, 19.5763 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(187, 85, 119)` looks like.

```
.text, #text, p{  
    color:rgb(187, 85, 119)  
}
```

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(187, 85, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 85, 119) }
```

Border

The CSS property to change the border of an element to XYZ 27.0718, 18.3937, 19.5763 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(187, 85, 119) }
```


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

```
.border{ border-color:rgb(187, 85, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(187, 85, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 85, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 85, 119);  
box-shadow:4px 4px 4px 4px rgb(187, 85,  
119) }
```

Background

The CSS property to change the background color of an element to XYZ 27.0718, 18.3937, 19.5763 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 85, 119) }
```

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

```
.background{ background-color: rgb(187, 85,  
119) }
```

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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