

Converting Colors

XYZ(26.2315, 19.9026, 16.3966)

Have a look what the booklet for
XYZ(26.2315, 19.9026, 16.3966)
contains.

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Color

**XYZ(26.1717, 19.8090,
16.3540)**

Conversions

Conversions Part 1

Format	Color
Hex	B5636B
RGB	181, 99, 107
RGB Percent	71%, 39%, 42%
CMY	0.2902, 0.6117, 0.5804
CMYK	0.00, 0.45, 0.41, 0.29
HSL	354°, 36%, 55%
HSV	354°, 45%, 71%
XYZ	26.1717, 19.8090, 16.3540
YIQ	124.4300, 46.3040, 19.8720

Conversions

Conversions Part 2

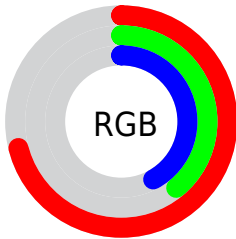
Format	Color
R_{YB}	181, 99, 107
Decimal	11887467
CIE Lab	51.62, 33.82, 10.27
CIE LCh	52, 35.346, 16.899
Yxy	19.8090, 0.4199, 0.3178
Android (android.graphics.Color)	4290077547 (0xFFB5636B)
YUV	124.4300, -8.5930, 49.6119
Hunter-Lab	44.5073, 27.0759, 9.3693

Details

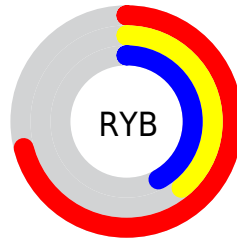
The XYZ color **26.1717, 19.8090, 16.3540** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **29.2133, 38.7179, 45.4711**, and the grayscale version is **19.3193, 20.3254, 22.1344**.

A 20% lighter version of the original color is **52.8348, 42.9526, 37.8537**, and **10.3714, 6.8828, 5.0569** is the 20% darker color. If you saturate the color by 10%, you get **23.8653, 16.4441, 11.7382**, and if you desaturate by 10%, it is **29.0258, 24.0094, 21.9537**.

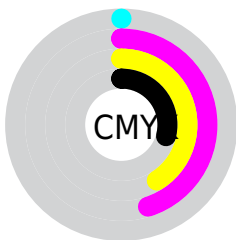
Distribution



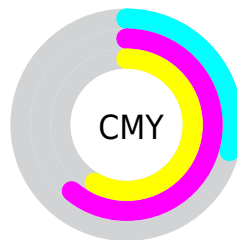
- Red (71%)
- Green (39%)
- Blue (42%)



- Red (71%)
- Yellow (39%)
- Blue (42%)



- Cyan (0%)
- Magenta (45%)
- Yellow (41%)
- Black (29%)





- Cyan (29%)
- Magenta (61%)
- Yellow (58%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 26.1717, 19.8090, 16.3540 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 26.1717, 19.8090, 16.3540 by changing the saturation by 10% instead.


 26.1717, 19.8090,
16.3540


 26.1717, 19.8090,
16.3540


275.8652,
250.8792, 243.3382


 17.0855, 12.2563,
9.6179


 52.9811, 43.0967,
37.9870

 10.3911, 6.9185,
5.0441


 71.4351, 59.6005,
53.7210

 5.7233, 3.4112,
2.2140

 93.7423, 79.8568,
73.2914

 2.7166, 1.3500,
0.6824

 120.2682,
104.2500, 97.1167

 1.0057, 0.1794,
0.0000

151.3780,
133.1644, 125.6155

 0.0000, 0.0000,
0.0000

187.4373,

166.9845, 159.2064

228.8112,
206.0946, 198.3078

■ 26.1717, 19.8090,
16.3540

■ 26.1717, 19.8090,
16.3540

■ 23.8653, 16.4441,
11.7382

■ 29.0258, 24.0094,
21.9537

■ 22.0699, 13.8561,
8.0484

■ 32.4580, 29.0928,
28.5886

■ 20.7468, 11.9835,
5.2219


■ 36.4985, 35.1068,
36.3077


■ 19.8508, 10.7544,
3.1883


■ 41.1748, 42.0946,
45.1565


■ 19.3273, 10.0800,
1.8652

■ 46.5126, 50.0968,
55.1781

 19.1623, 9.8662,
1.4517

 52.5365, 59.1516,
66.4131

 59.2696, 69.2952,
78.9002

 66.7339, 80.5623,
92.6764

 72.7080, 88.5005,
107.0298

Harmonies

Analogous

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



26.3183, 19.8090, 26.3278



26.1717, 19.8090, 16.3540



23.9067, 19.8090, 10.1819

Triad

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



26.1717, 19.8090, 16.3540



14.2563, 19.8090, 10.7495



17.3175, 19.8090, 46.8723

Complementary

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



26.1717, 19.8090, 16.3540



29.2133, 38.7179, 45.4711

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.



14.5246, 19.8090, 39.2967



26.1717, 19.8090, 16.3540



12.9134, 19.8090, 17.4206

Square

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



26.1717, 19.8090, 16.3540



16.9061, 19.8090, 7.7170



13.0050, 19.8090, 27.7884



20.8900, 19.8090, 46.3100

Rectangle

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



26.1717, 19.8090, 16.3540



21.6453, 19.8090, 8.0886



13.0050, 19.8090, 27.7884



16.2662, 19.8090, 45.1123

Sweetspot

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



26.1722, 19.8100, 16.3544



66.2068, 64.1266, 66.6196



29.9923, 21.1224, 46.2121



13.9511, 13.3253, 13.7173



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.



26.1722, 19.8100, 16.3544



42.8892, 29.6642, 21.3202



29.5330, 27.1739, 15.4943



8.5289, 8.5183, 9.0177



13.2225, 6.8066, 1.0658



0.4270, 0.2185, 0.0911

Inverse Universe

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



26.1722, 19.8100, 16.3544



42.8892, 29.6642, 21.3202



24.1083, 27.2324, 47.7016



8.5289, 8.5183, 9.0177



13.2225, 6.8066, 1.0658



0.4270, 0.2185, 0.0911

Previews

White Background



This preview shows how the XYZ color 26.1717, 19.8090, 16.3540 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 26.1717, 19.8090, 16.3540 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 26.1717, 19.8090, 16.3540

Background



This preview shows how black text looks on a background with the XYZ color 26.1717, 19.8090, 16.3540.



This preview shows how white text looks on a background with the XYZ color 26.1717, 19.8090,

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

26.1717, 19.8090, 16.3540

Protanopia

19.2255, 20.0340, 20.6230

Deuteranopia

20.2508, 19.9439, 15.8789



Tritanopia

26.1194, 19.7880, 16.0785

Trichromacy



Original Color

26.1717, 19.8090, 16.3540

Protanomaly

21.1444, 19.4755, 18.8644

Deuteranomaly

22.0543, 19.6762, 16.0001

Tritanomaly

26.1194, 19.7880, 16.0785

Monochromacy



Original Color

26.1717, 19.8090, 16.3540

Achromatopsia

19.1579, 20.1556, 21.9495

Achromatomaly

21.0778, 19.5892, 19.8097

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.1717, 19.8090, 16.3540 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(181, 99, 107)` looks like.

```
.text, #text, p{  
    color:rgb(181, 99, 107)  
}
```

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(181, 99, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 99, 107) }
```

Border

The CSS property to change the border of an element to XYZ 26.1717, 19.8090, 16.3540 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(181, 99, 107) }
```


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

```
.border{ border-color:rgb(181, 99, 107) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 99, 107)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(181, 99, 107); -webkit-box-shadow:4px 4px 4px 4px rgb(181, 99, 107); box-shadow:4px 4px 4px 4px rgb(181, 99, 107) }
```

Background

The CSS property to change the background color of an element to XYZ 26.1717, 19.8090, 16.3540 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 99, 107) }
```

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

```
.background{ background-color: rgb(181, 99,  
107) }
```

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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