

Converting Colors

XYZ(26.6864, 19.0477, 19.0535)

Have a look what the booklet for
XYZ(26.6864, 19.0477, 19.0535)
contains.

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Color

**XYZ(26.8052, 19.1290,
19.1091)**

Conversions

Conversions Part 1

Format	Color
Hex	B85C75
RGB	184, 92, 117
RGB Percent	72%, 36%, 46%
CMY	0.2784, 0.6392, 0.5412
CMYK	0.00, 0.50, 0.36, 0.28
HSL	344°, 39%, 54%
HSV	344°, 50%, 72%
XYZ	26.8052, 19.1290, 19.1091
YIQ	122.3580, 46.8070, 27.2790

Conversions

Conversions Part 2

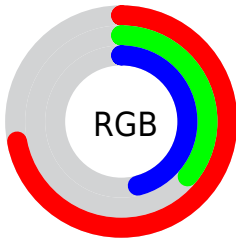
Format	Color
R_{YB}	184, 92, 117
Decimal	12082293
CIE _{Lab}	50.84, 39.80, 3.26
CIE _{LCh}	51, 39.931, 4.686
Yxy	19.1290, 0.4121, 0.2941
Android (android.graphics.Color)	4290272373 (0xFFB85C75)
YUV	122.3580, -2.6415, 54.0600
Hunter-Lab	43.7367, 32.8592, 4.7112

Details

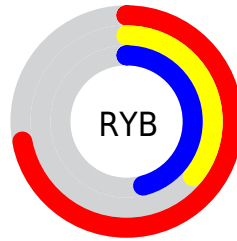
The XYZ color **26.8052, 19.1290, 19.1091** is a dark color, and the websafe version is hex **CC6699**. A complement of this color would be **27.8131, 39.0600, 38.8765**, and the grayscale version is **18.6140, 19.5833, 21.3262**.

A 20% lighter version of the original color is **53.9048, 41.9926, 42.8004**, and **10.7692, 6.6047, 6.3375** is the 20% darker color. If you saturate the color by 10%, you get **24.6681, 16.0268, 14.7837**, and if you desaturate by 10%, it is **29.4432, 23.0524, 24.1583**.

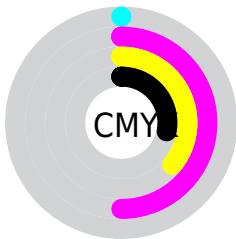
Distribution



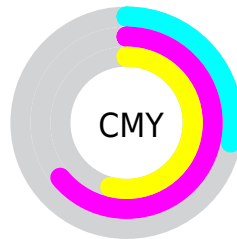
- Red (72%)
- Green (36%)
- Blue (46%)



- Red (72%)
- Yellow (36%)
- Blue (46%)



- Cyan (0%)
- Magenta (50%)
- Yellow (36%)
- Black (28%)





- Cyan (28%)
- Magenta (64%)
- Yellow (54%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 26.8052, 19.1290, 19.1091 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 26.8052, 19.1290, 19.1091 by changing the saturation by 10% instead.

 26.8052, 19.1290,
19.1091


 26.8052, 19.1290,
19.1091


278.8975,
247.1600, 259.4932

 17.5628, 11.7635,
11.5715


 53.9932, 41.9520,
42.7575


 10.7343, 6.5829,
6.3337


 72.6695, 58.1782,
59.7055

 5.9545, 3.2026,
2.9770


 95.2212, 78.1269,
80.6273

 2.8578, 1.2384,
1.0829

 122.0136,
102.1824, 105.9415

 1.0790, 0.0927,
0.0000

153.4121,
130.7290, 136.0666

 0.0075, 0.0000,
0.0000

189.7820,

 0.0000, 0.0000,

164.1512, 171.4213

0.0000

231.4887,
202.8334, 212.4239

■ 26.8052, 19.1290,
19.1091

■ 26.8052, 19.1290,
19.1091

■ 24.6681, 16.0268,
14.7837

■ 29.4432, 23.0524,
24.1583

■ 22.9971, 13.6839,
11.1466

■ 32.6108, 27.8472,
29.9626

■ 21.7552, 12.0344,
8.1602


■ 36.3360, 33.5630,
36.5523


■ 20.8985, 10.9996,
5.7828


■ 40.6447, 40.2448,
43.9560


■ 20.3429, 10.4207,
3.9565


■ 45.5610, 47.9345,
52.2006

 20.3427, 10.4206,
3.9560

 51.1075, 56.6718,
61.3119

 57.3058, 66.4940,
71.3145

 64.1764, 77.4368,
82.2320

 70.9021, 87.8603,
93.8081

Harmonies

Analogous

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



25.9078, 19.1290, 31.5255



26.8052, 19.1290, 19.1091



25.1336, 19.1290, 10.7768

Triad

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



26.8052, 19.1290, 19.1091



14.2097, 19.1290, 7.6155



15.1368, 19.1290, 47.1718

Complementary

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



26.8052, 19.1290, 19.1091



27.8131, 39.0600, 38.8765

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.



12.6466, 19.1290, 35.7390



26.8052, 19.1290, 19.1091



12.1679, 19.1290, 12.8743

Square

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



26.8052, 19.1290, 19.1091



17.5709, 19.1290, 5.8435



11.6396, 19.1290, 22.6475



18.8061, 19.1290, 50.7179

Rectangle

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



26.8052, 19.1290, 19.1091



22.9113, 19.1290, 7.6853



11.6396, 19.1290, 22.6475



14.1521, 19.1290, 43.9622

Sweetspot

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



26.8057, 19.1300, 19.1095



69.4413, 66.3677, 72.4437



26.5671, 18.3784, 47.4946



14.6243, 13.7719, 15.0211



88.6918, 93.3107, 101.6153



17.8044, 18.7317, 20.3988

Same Dimension

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



26.8057, 19.1300, 19.1095



44.3754, 28.5647, 26.0802



27.4865, 22.5377, 13.0280



9.1022, 9.0512, 9.8855



14.0460, 7.1922, 2.8632



0.5220, 0.2643, 0.2424

Inverse Universe

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



26.8057, 19.1300, 19.1095



44.3754, 28.5647, 26.0802



26.3535, 32.3115, 50.1952



9.1022, 9.0512, 9.8855



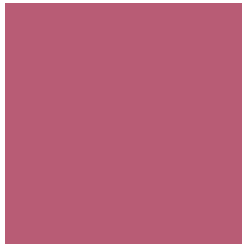
14.0460, 7.1922, 2.8632



0.5220, 0.2643, 0.2424

Previews

White Background



This preview shows how the XYZ color 26.8052, 19.1290, 19.1091 looks on a white background.

Color Contrast Check

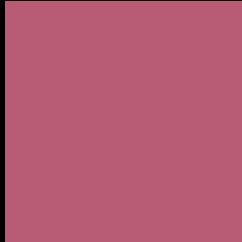
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.8052, 19.1290, 19.1091 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

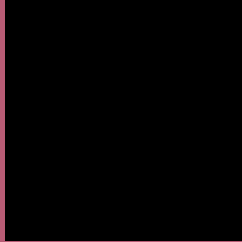
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 26.8052, 19.1290, 19.1091

Background



This preview shows how black text looks on a background with the XYZ color 26.8052, 19.1290, 19.1091.



This preview shows how white text looks on a background with the XYZ color 26.8052, 19.1290,

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

26.8052, 19.1290, 19.1091

Protanopia

18.8862, 19.3890, 25.3013

Deuteranopia

19.6585, 19.2332, 18.2991



Tritanopia

26.0189, 19.2110, 14.9071

Trichromacy



Original Color

26.8052, 19.1290, 19.1091

Protanomaly

20.7999, 18.5500, 22.9063

Deuteranomaly

21.7263, 18.8101, 18.4052

Tritanomaly

26.1850, 19.1342, 16.2231

Monochromacy



Original Color

26.8052, 19.1290, 19.1091

Achromatopsia

18.4984, 19.4618, 21.1939

Achromatomaly

20.7517, 18.7447, 20.2937

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.8052, 19.1290, 19.1091 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(184, 92, 117)` looks like.

```
.text, #text, p{  
    color:rgb(184, 92, 117)  
}
```

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(184, 92, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 92, 117) }
```

Border

The CSS property to change the border of an element to XYZ 26.8052, 19.1290, 19.1091 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(184, 92, 117) }
```


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

```
.border{ border-color:rgb(184, 92, 117) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 92, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 92, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 92, 117);  
box-shadow:4px 4px 4px 4px rgb(184, 92,  
117) }
```

Background

The CSS property to change the background color of an element to XYZ 26.8052, 19.1290, 19.1091 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 92, 117) }
```

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

```
.background{ background-color: rgb(184, 92,  
117) }
```

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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