

Converting Colors

XYZ(26.4935, 18.8266, 18.4780)

Have a look what the booklet for
XYZ(26.4935, 18.8266, 18.4780)
contains.

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Color

**XYZ(26.6028, 18.9103,
18.4676)**

Conversions

Conversions Part 1

Format	Color
Hex	B85B73
RGB	184, 91, 115
RGB Percent	72%, 36%, 45%
CMY	0.2784, 0.6431, 0.5490
CMYK	0.00, 0.51, 0.37, 0.28
HSL	345°, 40%, 54%
HSV	345°, 51%, 72%
XYZ	26.6028, 18.9103, 18.4676
YIQ	121.5430, 47.7240, 27.1800

Conversions

Conversions Part 2

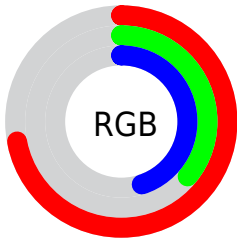
Format	Color
R_{YB}	184, 91, 115
Decimal	12082035
CIE _{Lab}	50.58, 40.07, 4.09
CIE _{LCh}	51, 40.280, 5.826
Yxy	18.9103, 0.4158, 0.2956
Android (android.graphics.Color)	4290272115 (0xFFB85B73)
YUV	121.5430, -3.2257, 54.7748
Hunter-Lab	43.4860, 33.0980, 5.2609

Details

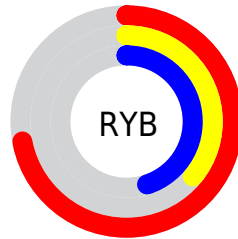
The XYZ color **26.6028, 18.9103, 18.4676** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **27.8010, 39.0437, 39.3308**, and the grayscale version is **18.3497, 19.3053, 21.0235**.

A 20% lighter version of the original color is **53.9105, 41.7912, 41.7843**, and **10.6740, 6.5120, 6.0046** is the 20% darker color. If you saturate the color by 10%, you get **24.4900, 15.8502, 14.1702**, and if you desaturate by 10%, it is **29.2186, 22.7901, 23.5071**.

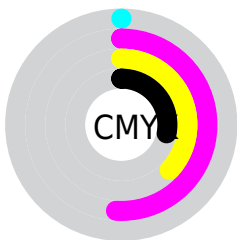
Distribution



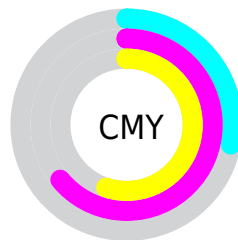
- Red (72%)
- Green (36%)
- Blue (45%)



- Red (72%)
- Yellow (36%)
- Blue (45%)



- Cyan (0%)
- Magenta (51%)
- Yellow (37%)
- Black (28%)





- Cyan (28%)
- Magenta (64%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.6028, 18.9103, 18.4676 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 26.6028, 18.9103, 18.4676 by changing the saturation by 10% instead.

 26.6028, 18.9103,
18.4676


 26.6028, 18.9103,
18.4676


277.9315,
245.9531, 255.8177


 17.4102, 11.6055,
11.1133


 53.6702, 41.5825,
41.6572


 10.6245, 6.4756,
6.0280


 72.2757, 57.7186,
58.3295

 5.8803, 3.1364,
2.7930

 94.7496, 77.5673,
78.9450

 2.8124, 1.2034,
0.9900

 121.4572,
101.5130, 103.9220

 1.0554, 0.0644,
0.0000

152.7638,
129.9400, 133.6793

 0.0000, 0.0000,
0.0000

189.0348,

163.2328, 168.6353

230.6356,
201.7757, 209.2086

■ 26.6028, 18.9103,
18.4676

■ 26.6028, 18.9103,
18.4676

■ 24.4900, 15.8502,
14.1702

■ 29.2186, 22.7901,
23.5071

■ 22.8449, 13.5474,
10.5775

■ 32.3665, 27.5401,
29.3214

■ 21.6297, 11.9354,
7.6501

■ 36.0749, 33.2104,
35.9425

■ 20.8000, 10.9344,
5.3437

■ 40.3701, 39.8460,
43.4003

■ 20.2900, 10.3995,
3.6780

■ 45.2764, 47.4894,
51.7229

■ 50.8167, 56.1802,
60.9374

■ 57.0130, 65.9561,
71.0694

■ 63.8859, 76.8528,
82.1437

■ 70.9409, 87.8759,
94.0125

Harmonies

Analogous

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



25.7998, 18.9103, 30.8026



26.6028, 18.9103, 18.4676



24.8346, 18.9103, 10.3309

Triad

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



26.6028, 18.9103, 18.4676



13.8979, 18.9103, 7.5421



15.0492, 18.9103, 47.3687

Complementary

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



26.6028, 18.9103, 18.4676



27.8010, 39.0437, 39.3308

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.



12.5093, 18.9103, 36.0603



26.6028, 18.9103, 18.4676



11.9157, 18.9103, 12.9285

Square

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



26.6028, 18.9103, 18.4676



17.2164, 18.9103, 5.6788



11.4471, 18.9103, 22.8693



18.7528, 18.9103, 50.5550

Rectangle

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



26.6028, 18.9103, 18.4676



22.5687, 18.9103, 7.3602



11.4471, 18.9103, 22.8693



14.0489, 18.9103, 44.2312

Sweetspot

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



26.6033, 18.9113, 18.4680



69.3788, 66.3426, 72.1145



26.7314, 18.3353, 47.4777



14.6093, 13.7659, 14.9422



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.



26.6033, 18.9113, 18.4680



43.9014, 28.0310, 24.6446



27.5279, 22.6901, 12.8275



9.0972, 9.0492, 9.8592



14.0087, 7.1772, 2.6667



0.5199, 0.2634, 0.2313

Inverse Universe

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



26.6033, 18.9113, 18.4680



43.9014, 28.0310, 24.6446



25.9401, 31.6321, 50.0860



9.0972, 9.0492, 9.8592



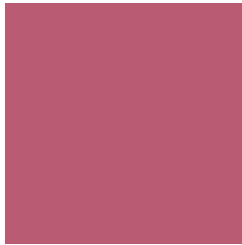
14.0087, 7.1772, 2.6667



0.5199, 0.2634, 0.2313

Previews

White Background



This preview shows how the XYZ color 26.6028, 18.9103, 18.4676 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 26.6028, 18.9103, 18.4676 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

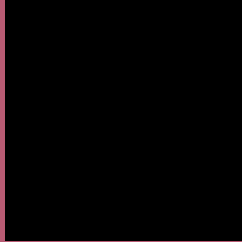
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 26.6028, 18.9103, 18.4676

Background



This preview shows how black text looks on a background with the XYZ color 26.6028, 18.9103, 18.4676.



This preview shows how white text looks on a background with the XYZ color 26.6028, 18.9103,

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

26.6028, 18.9103, 18.4676

Protanopia

18.6271, 19.0920, 24.5332

Deuteranopia

19.3839, 19.1045, 17.7048



Tritanopia

25.8314, 18.9928, 14.3611

Trichromacy



Original Color

26.6028, 18.9103, 18.4676

Protanomaly

20.5622, 18.2833, 22.1839

Deuteranomaly

21.4241, 18.6673, 17.8032

Tritanomaly

25.9926, 18.9159, 15.6458

Monochromacy



Original Color

26.6028, 18.9103, 18.4676

Achromatopsia

18.4984, 19.4618, 21.1939

Achromatomaly

20.6913, 18.7205, 19.9756

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.6028, 18.9103, 18.4676 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, 91, 115)` looks like.

```
.text, #text, p{  
    color:rgb(184, 91, 115)  
}
```

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, 91, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 91, 115) }
```

Border

The CSS property to change the border of an element to XYZ 26.6028, 18.9103, 18.4676 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, 91, 115) }
```


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

```
.border{ border-color:rgb(184, 91, 115) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 91, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 91, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 91, 115);  
box-shadow:4px 4px 4px 4px rgb(184, 91,  
115) }
```

Background

The CSS property to change the background color of an element to XYZ 26.6028, 18.9103, 18.4676 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 91, 115) }
```

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

```
.background{ background-color: rgb(184, 91,  
115) }
```

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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