

Converting Colors

XYZ(26.8957, 17.8154, 18.9602)

Have a look what the booklet for
XYZ(26.8957, 17.8154, 18.9602)
contains.

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Color

**XYZ(26.8924, 17.8606,
18.8597)**

Conversions

Conversions Part 1

Format	Color
Hex	BC5175
RGB	188, 81, 117
RGB Percent	74%, 32%, 46%
CMY	0.2627, 0.6823, 0.5412
CMYK	0.00, 0.57, 0.38, 0.26
HSL	340°, 44%, 53%
HSV	340°, 57%, 74%
XYZ	26.8924, 17.8606, 18.8597
YIQ	117.0970, 52.2160, 33.8800

Conversions

Conversions Part 2

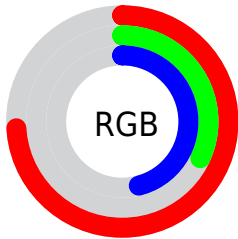
Format	Color
R_{YB}	188, 81, 117
Decimal	12341621
CIE _{Lab}	49.33, 46.67, 1.15
CIE _{LCh}	49, 46.681, 1.406
Yxy	17.8606, 0.4228, 0.2808
Android (android.graphics.Color)	4290531701 (0xFFBC5175)
YUV	117.0970, -0.0478, 62.1819
Hunter-Lab	42.2618, 39.6265, 3.1246

Details

The XYZ color **26.8924, 17.8606, 18.8597** is a dark color, and the websafe version is hex **CC6699**. A complement of this color would be **27.0451, 39.9833, 36.0003**, and the grayscale version is **16.9280, 17.8096, 19.3947**.

A 20% lighter version of the original color is **54.0443, 39.6889, 42.3484**, and **10.8036, 5.9938, 6.2177** is the 20% darker color. If you saturate the color by 10%, you get **24.9984, 15.1693, 14.8474**, and if you desaturate by 10%, it is **29.2719, 21.3663, 23.5165**.

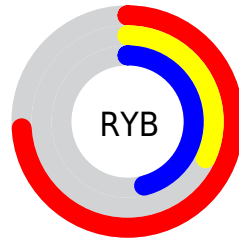
Distribution



Red (74%)

Green (32%)

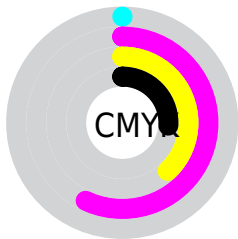
Blue (46%)



Red (74%)

Yellow (32%)

Blue (46%)

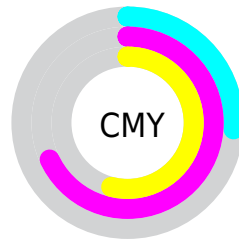


Cyan (0%)

Magenta (57%)

Yellow (38%)

Black (26%)



Cyan (26%)

Magenta (68%)

Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.8924, 17.8606, 18.8597 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 26.8924, 17.8606, 18.8597 by changing the saturation by 10% instead.

■ 26.8924, 17.8606,
18.8597

■ 26.8924, 17.8606,
18.8597

279.3128,
240.0841, 258.0700

■ 17.6286, 10.8500,
11.3932

■ 54.1323, 39.7996,
42.3304

■ 10.7817, 5.9660,
6.2144

■ 72.8390, 55.4968,
59.1717

■ 5.9865, 2.8244,
2.9050

■ 95.4242, 74.8583,
79.9750

■ 2.8774, 1.0408,
1.0463

■ 122.2530, 98.2685,
105.1587

■ 1.0893, 0.0000,
0.0000

■ 153.6910,
126.1118, 135.1416

■ 0.0161, 0.0000,
0.0000

190.1033,

■ 0.0000, 0.0000,

158.7726, 170.3421

0.0000

231.8555,
196.6352, 211.1787

■ 26.8924, 17.8606,
18.8597

■ 26.8924, 17.8606,
18.8597

■ 24.9984, 15.1693,
14.8474

■ 29.2719, 21.3663,
23.5165

■ 23.5517, 13.2224,
11.4475

■ 32.1680, 25.7430,
28.8455

■ 22.5106, 11.9428,
8.6260

■ 35.6109, 31.0458,
34.8741

■ 21.8182, 11.2239,
6.3423

■ 39.6282, 37.3240,
41.6275

■ 21.6432, 11.0530,
5.7315

■ 44.2452, 44.6237,
49.1296

■ 49.4859, 52.9880,
57.4033

■ 55.3729, 62.4574,
66.4705

■ 61.9277, 73.0705,
76.3520

■ 69.1707, 84.8636,
87.0679

Harmonies

Analogous

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



25.5205, 17.8606, 33.4666



26.8924, 17.8606, 18.8597



25.2496, 17.8606, 9.3724

Triad

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



26.8924, 17.8606, 18.8597



12.9455, 17.8606, 5.2492



13.2474, 17.8606, 49.3410

Complementary

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



26.8924, 17.8606, 18.8597



27.0451, 39.9833, 36.0003

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.



10.7415, 17.8606, 34.9646



26.8924, 17.8606, 18.8597



10.5895, 17.8606, 10.0185

Square

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



26.8924, 17.8606, 18.8597



16.7696, 17.8606, 3.9068



9.8572, 17.8606, 20.0467



17.1840, 17.8606, 55.0182

Rectangle

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



26.8924, 17.8606, 18.8597



22.8060, 17.8606, 6.0093



9.8572, 17.8606, 20.0467



12.2352, 17.8606, 45.1287

Sweetspot

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



26.8929, 17.8615, 18.8600



71.5342, 67.1947, 74.9710



24.6996, 16.0532, 49.3738



15.0526, 13.9311, 15.5737



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.



26.8929, 17.8615, 18.8600



44.6614, 26.6038, 25.4589



26.5043, 19.8452, 10.2194



9.6590, 9.5879, 10.5934



14.7672, 7.5380, 4.0675



0.6095, 0.3077, 0.3229

Inverse Universe

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



26.8929, 17.8615, 18.8600



44.6614, 26.6038, 25.4589



27.2142, 34.8669, 52.8727



9.6590, 9.5879, 10.5934



14.7672, 7.5380, 4.0675



0.6095, 0.3077, 0.3229

Previews

White Background



This preview shows how the XYZ color 26.8924, 17.8606, 18.8597 looks on a white 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

Black Background



This preview shows how the XYZ color 26.8924, 17.8606, 18.8597 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 26.8924, 17.8606, 18.8597

Background



This preview shows how black text looks on a background with the XYZ color 26.8924, 17.8606, 18.8597.



This preview shows how white text looks on a background with the XYZ color 26.8924, 17.8606,

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

26.8924, 17.8606, 18.8597

Protanopia

17.9609, 18.1641, 26.9855

Deuteranopia

18.3020, 18.0298, 17.8447



Tritanopia

25.5093, 17.8674, 12.2295

Trichromacy



Original Color

26.8924, 17.8606, 18.8597

Protanomaly

20.0316, 17.2020, 23.7373

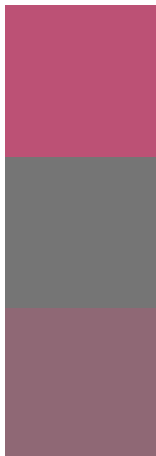
Deuteranomaly

20.7375, 17.3930, 18.1838

Tritanomaly

26.0128, 17.8450, 14.3853

Monochromacy



Original Color

26.8924, 17.8606, 18.8597

Achromatopsia

16.9083, 17.7888, 19.3720

Achromatomaly

19.4889, 17.0246, 19.0885

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.8924, 17.8606, 18.8597 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(188, 81, 117)` looks like.

```
.text, #text, p{  
    color:rgb(188, 81, 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(188, 81, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 81, 117) }
```

Border

The CSS property to change the border of an element to XYZ 26.8924, 17.8606, 18.8597 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(188, 81, 117) }
```


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

```
.border{ border-color:rgb(188, 81, 117) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 81, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 81, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 81, 117);  
box-shadow:4px 4px 4px 4px rgb(188, 81,  
117) }
```

Background

The CSS property to change the background color of an element to XYZ 26.8924, 17.8606, 18.8597 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 81, 117) }
```

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

```
.background{ background-color: rgb(188, 81,  
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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