

Converting Colors

XYZ(26.0026, 17.9007, 16.8052)

Have a look what the booklet for
XYZ(26.0026, 17.9007, 16.8052)
contains.

XYZ(26.0706, 17.9371, 16.8400)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(26.0706, 17.9371,
16.8400)**

Conversions

Conversions Part 1

Format	Color
Hex	B9556E
RGB	185, 85, 110
RGB Percent	73%, 33%, 43%
CMY	0.2745, 0.6666, 0.5686
CMYK	0.00, 0.54, 0.41, 0.27
HSL	345°, 42%, 53%
HSV	345°, 54%, 73%
XYZ	26.0706, 17.9371, 16.8400
YIQ	117.7500, 51.5750, 28.9750

Conversions

Conversions Part 2

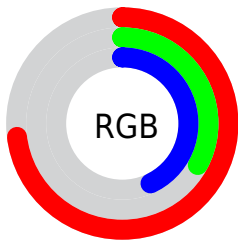
Format	Color
R_{YB}	185, 85, 110
Decimal	12146030
CIE _{Lab}	49.42, 42.89, 5.44
CIE _{LCh}	49, 43.230, 7.225
Yxy	17.9371, 0.4285, 0.2948
Android (android.graphics.Color)	4290336110 (0xFFB9556E)
YUV	117.7500, -3.8207, 58.9783
Hunter-Lab	42.3522, 35.7622, 6.0718

Details

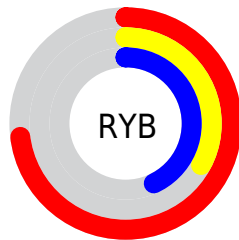
The XYZ color **26.0706, 17.9371, 16.8400** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **27.4415, 39.1678, 39.3740**, and the grayscale version is **17.1426, 18.0354, 19.6405**.

A 20% lighter version of the original color is **52.8297, 39.9833, 38.6513**, and **10.3158, 5.9811, 5.3134** is the 20% darker color. If you saturate the color by 10%, you get **24.1026, 15.1169, 12.7440**, and if you desaturate by 10%, it is **28.5386, 21.5679, 21.6867**.

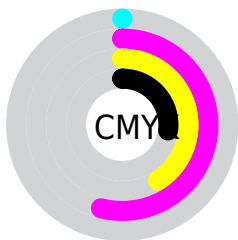
Distribution



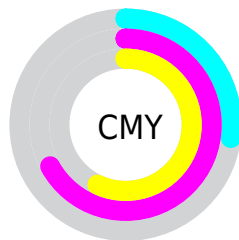
- Red (73%)
- Green (33%)
- Blue (43%)



- Red (73%)
- Yellow (33%)
- Blue (43%)



- Cyan (0%)
- Magenta (54%)
- Yellow (41%)
- Black (27%)



- Cyan (27%)
- Magenta (67%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.0706, 17.9371, 16.8400 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 26.0706, 17.9371, 16.8400 by changing the saturation by 10% instead.

■ 26.0706, 17.9371,
16.8400

■ 26.0706, 17.9371,
16.8400

275.3788,
240.5163, 246.2613

■ 17.0094, 10.9048,
9.9597

■ 52.8193, 39.9301,
38.8373

■ 10.3366, 6.0029,
5.2670

■ 71.2375, 55.6597,
54.7915

■ 5.6866, 2.8468,
2.3433

■ 93.5055, 75.0571,
74.6074

■ 2.6943, 1.0523,
0.7553

■ 119.9886, 98.5068,
98.7035

■ 0.9943, 0.0000,
0.0000

■ 151.0521,
126.3932, 127.4984

■ 0.0000, 0.0000,
0.0000

187.0614,

159.1006, 161.4107

228.3819,
197.0135, 200.8588

■ 26.0706, 17.9371,
16.8400

■ 26.0706, 17.9371,
16.8400

■ 24.1026, 15.1169,
12.7440

■ 28.5386, 21.5679,
21.6867

■ 22.5973, 13.0417,
9.3587

■ 31.5374, 26.0626,
27.3191

■ 21.5143, 11.6400,
6.6416

■ 35.0968, 31.4735,
33.7714

■ 20.8050, 10.8248,
4.5445

■ 39.2442, 37.8476,
41.0750

■ 20.5056, 10.5135,
3.5585

■ 44.0050, 45.2289,
49.2599

■ 49.4030, 53.6585,
58.3546

■ 55.4609, 63.1753,
68.3862

■ 62.2002, 73.8163,
79.3807

■ 69.6414, 85.6166,
91.3631

Harmonies

Analogous

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



25.3486, 17.9371, 29.5770



26.0706, 17.9371, 16.8400



24.0854, 17.9371, 8.8518

Triad

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



26.0706, 17.9371, 16.8400



12.7315, 17.9371, 6.5512



14.1899, 17.9371, 48.4151

Complementary

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



26.0706, 17.9371, 16.8400



27.4415, 39.1678, 39.3740

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.



11.5363, 17.9371, 36.5088



26.0706, 17.9371, 16.8400



10.7927, 17.9371, 12.0634

Square

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



26.0706, 17.9371, 16.8400



16.0814, 17.9371, 4.6495



10.3929, 17.9371, 22.4932



18.0540, 17.9371, 51.3528

Rectangle

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



26.0706, 17.9371, 16.8400



21.6554, 17.9371, 6.0801



10.3929, 17.9371, 22.4932



13.1465, 17.9371, 45.1502

Sweetspot

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



26.0711, 17.9380, 16.8403



68.5509, 65.1084, 70.5392



26.5034, 17.4745, 47.8750



14.4436, 13.5209, 14.6202



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.



26.0711, 17.9380, 16.8403



42.5608, 26.2232, 21.5049



27.2239, 22.1231, 11.4309



9.0942, 9.0481, 9.8437



13.9876, 7.1688, 2.5557



0.5187, 0.2629, 0.2248

Inverse Universe

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



26.0711, 17.9380, 16.8403



42.5608, 26.2232, 21.5049



25.0749, 30.5765, 50.4793



9.0942, 9.0481, 9.8437



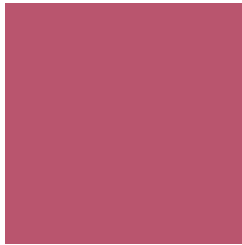
13.9876, 7.1688, 2.5557



0.5187, 0.2629, 0.2248

Previews

White Background



This preview shows how the XYZ color 26.0706, 17.9371, 16.8400 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 26.0706, 17.9371, 16.8400 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 26.0706, 17.9371, 16.8400

Background



This preview shows how black text looks on a background with the XYZ color 26.0706, 17.9371, 16.8400.



This preview shows how white text looks on a background with the XYZ color 26.0706, 17.9371,

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

26.0706, 17.9371, 16.8400

Protanopia

17.5937, 18.0630, 22.9813

Deuteranopia

18.3986, 18.1229, 15.8930



Tritanopia

25.2773, 17.9779, 12.7275

Trichromacy



Original Color

26.0706, 17.9371, 16.8400

Protanomaly

19.6581, 17.2344, 20.3796

Deuteranomaly

20.6410, 17.5343, 16.2065

Tritanomaly

25.4756, 17.9268, 14.1741

Monochromacy



Original Color

26.0706, 17.9371, 16.8400

Achromatopsia

17.2197, 18.1164, 19.7288

Achromatomaly

19.4039, 17.2967, 18.5355

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.0706, 17.9371, 16.8400 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(185, 85, 110)` looks like.

```
.text, #text, p{  
    color:rgb(185, 85, 110)  
}
```

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(185, 85, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 85, 110) }
```

Border

The CSS property to change the border of an element to XYZ 26.0706, 17.9371, 16.8400 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(185, 85, 110) }
```


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

```
.border{ border-color:rgb(185, 85, 110) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 85, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 85, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 85, 110);  
box-shadow:4px 4px 4px 4px rgb(185, 85,  
110) }
```

Background

The CSS property to change the background color of an element to XYZ 26.0706, 17.9371, 16.8400 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 85, 110) }
```

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

```
.background{ background-color: rgb(185, 85,  
110) }
```

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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