

Converting Colors

XYZ(26.5997, 17.7191, 16.2469)

Have a look what the booklet for
XYZ(26.5997, 17.7191, 16.2469)
contains.

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Color

**XYZ(26.6355, 17.7864,
16.2166)**

Conversions

Conversions Part 1

Format	Color
Hex	BD516C
RGB	189, 81, 108
RGB Percent	74%, 32%, 42%
CMY	0.2588, 0.6823, 0.5765
CMYK	0.00, 0.57, 0.43, 0.26
HSL	345°, 45%, 53%
HSV	345°, 57%, 74%
XYZ	26.6355, 17.7864, 16.2166
YIQ	116.3700, 55.7010, 31.2930

Conversions

Conversions Part 2

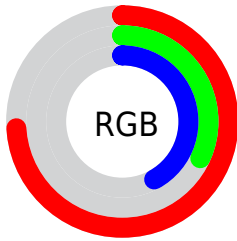
Format	Color
R_{YB}	189, 81, 108
Decimal	12407148
CIE _{Lab}	49.24, 46.01, 6.46
CIE _{LCh}	49, 46.460, 7.995
Yxy	17.7864, 0.4393, 0.2933
Android (android.graphics.Color)	4290597228 (0xFFBD516C)
YUV	116.3700, -4.1264, 63.6965
Hunter-Lab	42.1739, 38.9297, 6.7237

Details

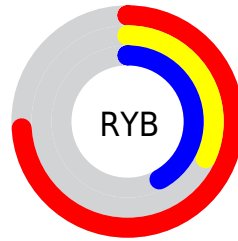
The XYZ color **26.6355, 17.7864, 16.2166** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **28.1136, 40.7537, 40.5697**, and the grayscale version is **16.7150, 17.5855, 19.1506**.

A 20% lighter version of the original color is **53.4945, 39.5099, 37.6076**, and **10.7274, 5.9812, 5.0040** is the 20% darker color. If you saturate the color by 10%, you get **24.7272, 15.0807, 12.1561**, and if you desaturate by 10%, it is **29.0582, 21.3247, 21.0542**.

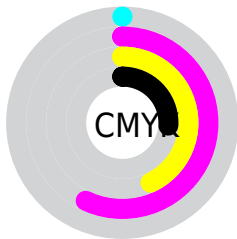
Distribution



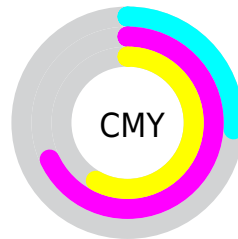
- Red (74%)
- Green (32%)
- Blue (42%)



- Red (74%)
- Yellow (32%)
- Blue (42%)



- Cyan (0%)
- Magenta (57%)
- Yellow (43%)
- Black (26%)





- Cyan (26%)
- Magenta (68%)
- Yellow (58%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 26.6355, 17.7864, 16.2166 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 26.6355, 17.7864, 16.2166 by changing the saturation by 10% instead.


 26.6355, 17.7864,
16.2166


 26.6355, 17.7864,
16.2166


278.0878,
239.6643, 242.5056


 17.4348, 10.7967,
9.5215


 53.7224, 39.6730,
37.7458


 10.6422, 5.9303,
4.9815


 72.3394, 55.3388,
53.4171


 5.8923, 2.8028,
2.1778

 94.8259, 74.6653,
72.9175

 2.8197, 1.0296,
0.6615

 121.5471, 98.0371,
96.6656

 1.0592, 0.0000,
0.0000

 152.8686,
125.8385, 125.0799

 0.0000, 0.0000,
0.0000

189.1557,

158.4539, 158.5790

230.7736,
196.2677, 197.5814

■ 26.6355, 17.7864,
16.2166

■ 26.6355, 17.7864,
16.2166

■ 24.7272, 15.0807,
12.1561

■ 29.0582, 21.3247,
21.0542

■ 23.2927, 13.1356,
8.8294

■ 32.0291, 25.7540,
26.7068

■ 22.2872, 11.8720,
6.1901

■ 35.5803, 31.1307,
33.2110

■ 21.6491, 11.1778,
4.1830

■ 39.7413, 37.5056,
40.6007

■ 21.5043, 11.0260,
3.7099

■ 44.5395, 44.9260,
48.9079

■ 50.0004, 53.4362,
58.1632

■ 56.1484, 63.0779,
68.3954

■ 63.0064, 73.8904,
79.6324

■ 70.5964, 85.9115,
91.9008

Harmonies

Analogous

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



25.9256, 17.7864, 29.8220



26.6355, 17.7864, 16.2166



24.4064, 17.7864, 8.0311

Triad

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



26.6355, 17.7864, 16.2166



12.2539, 17.7864, 5.9422



13.9560, 17.7864, 51.2261

Complementary

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



26.6355, 17.7864, 16.2166



28.1136, 40.7537, 40.5697

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.



11.1242, 17.7864, 38.2148



26.6355, 17.7864, 16.2166



10.2656, 17.7864, 11.6942

Square

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



26.6355, 17.7864, 16.2166



15.7665, 17.7864, 3.9967



9.8909, 17.7864, 22.8997



18.0979, 17.7864, 54.1788

Rectangle

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



26.6355, 17.7864, 16.2166



21.7469, 17.7864, 5.3116



9.8909, 17.7864, 22.8997



12.8418, 17.7864, 47.6783

Sweetspot

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



26.6360, 17.7873, 16.2169



71.0707, 67.0093, 72.5300



27.0288, 17.2415, 50.0475



14.9437, 13.8875, 15.0000



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.



26.6360, 17.7873, 16.2169



43.4397, 25.8406, 19.8718



27.8348, 22.1391, 10.5920



9.6254, 9.5744, 10.4162



14.4951, 7.4292, 2.6348



0.5950, 0.3019, 0.2466

Inverse Universe

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



26.6360, 17.7873, 16.2169



43.4397, 25.8406, 19.8718



25.4998, 31.2650, 52.8349



9.6254, 9.5744, 10.4162



14.4951, 7.4292, 2.6348



0.5950, 0.3019, 0.2466

Previews

White Background



This preview shows how the XYZ color 26.6355, 17.7864, 16.2166 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 26.6355, 17.7864, 16.2166 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

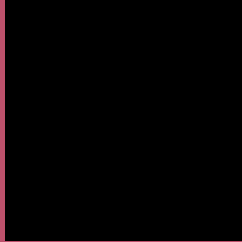
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 26.6355, 17.7864, 16.2166

Background



This preview shows how black text looks on a background with the XYZ color 26.6355, 17.7864, 16.2166.



This preview shows how white text looks on a background with the XYZ color 26.6355, 17.7864,

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

26.6355, 17.7864, 16.2166

Protanopia

17.5937, 18.0630, 22.9813

Deuteranopia

18.1848, 17.8579, 15.3204



Tritanopia

25.7548, 17.7702, 11.7454

Trichromacy



Original Color

26.6355, 17.7864, 16.2166

Protanomaly

19.7292, 17.1207, 20.3540

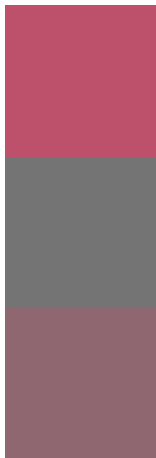
Deuteranomaly

20.5299, 17.1973, 15.6020

Tritanomaly

25.9900, 17.7409, 13.3638

Monochromacy



Original Color

26.6355, 17.7864, 16.2166

Achromatopsia

16.6002, 17.4647, 19.0191

Achromatomaly

19.1586, 16.7324, 17.8427

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.6355, 17.7864, 16.2166 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(189, 81, 108)` looks like.

```
.text, #text, p{  
    color:rgb(189, 81, 108)  
}
```

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(189, 81, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 81, 108) }
```

Border

The CSS property to change the border of an element to XYZ 26.6355, 17.7864, 16.2166 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(189, 81, 108) }
```


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

```
.border{ border-color:rgb(189, 81, 108) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 81, 108)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 81, 108); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 81, 108);  
box-shadow:4px 4px 4px 4px rgb(189, 81,  
108) }
```

Background

The CSS property to change the background color of an element to XYZ 26.6355, 17.7864, 16.2166 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 81, 108) }
```

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

```
.background{ background-color: rgb(189, 81,  
108) }
```

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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