

Converting Colors

XYZ(26.2378, 16.4188, 16.3692)

Have a look what the booklet for
XYZ(26.2378, 16.4188, 16.3692)
contains.

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Color

**XYZ(26.1857, 16.4316,
16.2595)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | BE466D |
| RGB | 190, 70, 109 |
| RGB Percent | 75%, 27%, 43% |
| CMY | 0.2549, 0.7255, 0.5725 |
| CMYK | 0.00, 0.63, 0.43, 0.25 |
| HSL | 341°, 48%, 51% |
| HSV | 341°, 63%, 75% |
| XYZ | 26.1857, 16.4316, 16.2595 |
| YIQ | 110.3260, 59.0010, 37.5690 |

Conversions

Conversions Part 2

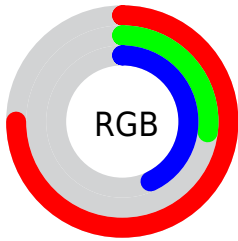
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 190, 70, 109 |
| Decimal | 12469869 |
| CIE _{Lab} | 47.54, 51.48, 3.44 |
| CIE _{LCh} | 48, 51.600, 3.819 |
| Yxy | 16.4316, 0.4448, 0.2791 |
| Android (android.graphics.Color) | 4290659949 (0xFFBE466D) |
| YUV | 110.3260, -0.6537, 69.8741 |
| Hunter-Lab | 40.5359, 44.3710, 4.5931 |

Details

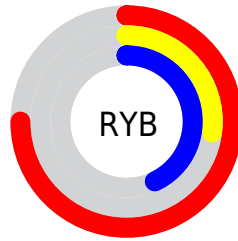
The XYZ color **26.1857, 16.4316, 16.2595** is a dark color, and the websafe version is hex **CC3366**. A complement of this color would be **26.5262, 40.3638, 35.6738**, and the grayscale version is **14.9053, 15.6816, 17.0772**.

A 20% lighter version of the original color is **52.9772, 37.2774, 37.6608**, and **10.4069, 5.2968, 5.0313** is the 20% darker color. If you saturate the color by 10%, you get **24.5387, 14.1632, 12.5490**, and if you desaturate by 10%, it is **28.3102, 19.4939, 20.6265**.

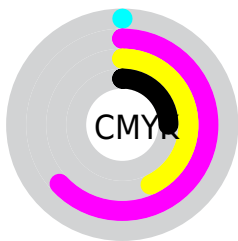
Distribution



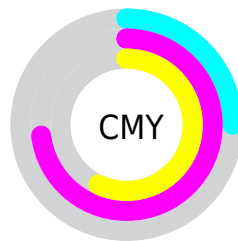
- Red (75%)
- Green (27%)
- Blue (43%)



- Red (75%)
- Yellow (27%)
- Blue (43%)



- Cyan (0%)
- Magenta (63%)
- Yellow (43%)
- Black (25%)





- Cyan (25%)
- Magenta (73%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.1857, 16.4316, 16.2595 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 26.1857, 16.4316, 16.2595 by changing the saturation by 10% instead.

 26.1857, 16.4316,
16.2595


 26.1857, 16.4316,
16.2595


275.9325,
231.8752, 242.7659


 17.0960, 9.8301,
9.5516


 53.0035, 37.3459,
37.8212


 10.3987, 5.2864,
5.0010


 71.4624, 52.4274,
53.5120


 5.7284, 2.4163,
2.1891

 93.7751, 71.1044,
73.0343

 2.7197, 0.8343,
0.6681

 120.3069, 93.7613,
96.8066

 1.0073, 0.0000,
0.0000

 151.4231,
120.7824, 125.2473

 0.0000, 0.0000,
0.0000

187.4893,

152.5522, 158.7751

228.8706,
189.4550, 197.8084

■ 26.1857, 16.4316,
16.2595

■ 26.1857, 16.4316,
16.2595

■ 24.5387, 14.1632,
12.5490

■ 28.3102, 19.4939,
20.6265

■ 23.3268, 12.6105,
9.4591

■ 30.9472, 23.4132,
25.6815

■ 22.5013, 11.6840,
6.9507

■ 34.1295, 28.2493,
31.4545

■ 22.0977, 11.2921,
5.5355

■ 37.8869, 34.0558,
37.9735

■ 42.2469, 40.8821,
45.2649

■ 47.2352, 48.7743,
53.3538

■ 52.8761, 57.7756,
62.2641

■ 59.1923, 67.9270,
72.0184

■ 66.2057, 79.2672,
82.6389

Harmonies

Analogous

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



24.9549, 16.4316, 31.5248



26.1857, 16.4316, 16.2595



24.1599, 16.4316, 7.1864

Triad

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



26.1857, 16.4316, 16.2595



11.2016, 16.4316, 4.0343



12.0377, 16.4316, 51.5219

Complementary

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



26.1857, 16.4316, 16.2595



26.5262, 40.3638, 35.6738

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.



9.3717, 16.4316, 35.9742



26.1857, 16.4316, 16.2595



8.9596, 16.4316, 8.8941

Square

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



26.1857, 16.4316, 16.2595



15.0371, 16.4316, 2.6637



8.3616, 16.4316, 19.6286



16.2132, 16.4316, 56.8310

Rectangle

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



26.1857, 16.4316, 16.2595



21.4303, 16.4316, 4.2598



8.3616, 16.4316, 19.6286



10.9645, 16.4316, 47.0401

Sweetspot

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



26.1861, 16.4325, 16.2598



71.5639, 66.2489, 73.7278



24.0630, 14.5832, 50.2617



15.2305, 13.7919, 15.3728



92.9021, 97.7402, 106.4391



19.4759, 20.4902, 22.3138

Same Dimension

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



26.1861, 16.4325, 16.2598



43.4818, 24.3704, 20.3260



25.9976, 18.7027, 8.0353



9.6545, 9.5861, 10.5699



14.7261, 7.5216, 3.8514



0.6076, 0.3069, 0.3128

Inverse Universe

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



26.1861, 16.4325, 16.2598



43.4818, 24.3704, 20.3260



26.1955, 33.7699, 53.8528



9.6545, 9.5861, 10.5699



14.7261, 7.5216, 3.8514



0.6076, 0.3069, 0.3128

Previews

White Background



This preview shows how the XYZ color 26.1857, 16.4316, 16.2595 looks on a white background.

Color Contrast Check

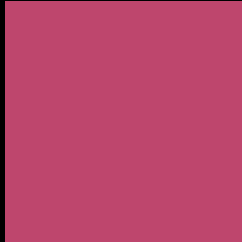
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.1857, 16.4316, 16.2595 looks on a black 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

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

XYZ 26.1857, 16.4316, 16.2595

Background



This preview shows how black text looks on a background with the XYZ color 26.1857, 16.4316, 16.2595.



This preview shows how white text looks on a background with the XYZ color 26.1857, 16.4316,

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

26.1857, 16.4316, 16.2595

Protanopia

16.4039, 16.5608, 24.8862

Deuteranopia

16.8189, 16.5057, 15.1314



Tritanopia

24.8087, 16.4543, 9.6530

Trichromacy



Original Color

26.1857, 16.4316, 16.2595

Protanomaly

18.4576, 15.4333, 21.4081

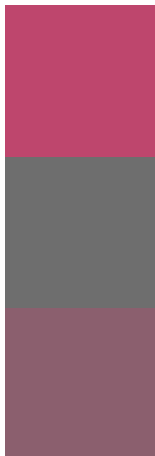
Deuteranomaly

19.4045, 15.7836, 15.3884

Tritanomaly

25.3234, 16.4717, 11.7422

Monochromacy



Original Color

26.1857, 16.4316, 16.2595

Achromatopsia

14.8208, 15.5926, 16.9804

Achromatomaly

17.5541, 14.7992, 16.6832

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.1857, 16.4316, 16.2595 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(190, 70, 109)` looks like.

```
.text, #text, p{  
  color:rgb(190, 70, 109)  
}
```

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(190, 70, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 70, 109) }
```

Border

The CSS property to change the border of an element to XYZ 26.1857, 16.4316, 16.2595 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(190, 70, 109) }
```


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

```
.border{ border-color:rgb(190, 70, 109) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 70, 109)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 70, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 70, 109);  
box-shadow:4px 4px 4px 4px rgb(190, 70,  
109) }
```

Background

The CSS property to change the background color of an element to XYZ 26.1857, 16.4316, 16.2595 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 70, 109) }
```

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

```
.background{ background-color: rgb(190, 70,  
109) }
```

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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