

Converting Colors

XYZ(26.2445, 15.3579, 18.4267)

Have a look what the booklet for
XYZ(26.2445, 15.3579, 18.4267)
contains.

XYZ(26.1599, 15.2870, 18.4015)	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(26.1599, 15.2870,
18.4015)**

Conversions

Conversions Part 1

Format	Color
Hex	BF3975
RGB	191, 57, 117
RGB Percent	75%, 22%, 46%
CMY	0.2510, 0.7764, 0.5412
CMYK	0.00, 0.70, 0.39, 0.25
HSL	333°, 54%, 49%
HSV	333°, 70%, 75%
XYZ	26.1599, 15.2870, 18.4015
YIQ	103.9060, 60.6040, 47.0680

Conversions

Conversions Part 2

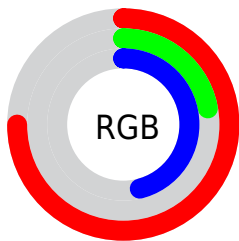
Format	Color
R_{YB}	191, 57, 117
Decimal	12532085
CIE _{Lab}	46.02, 57.89, -3.64
CIE _{LCh}	46, 58.005, 356.405
Yxy	15.2870, 0.4371, 0.2554
Android (android.graphics.Color)	4290722165 (0xFFBF3975)
YUV	103.9060, 6.4553, 76.3814
Hunter-Lab	39.0986, 51.0074, -0.5354

Details

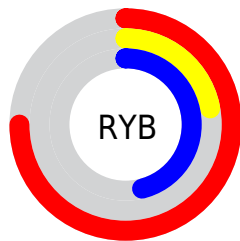
The XYZ color **26.1599, 15.2870, 18.4015** is a dark color, and the websafe version is hex **CC3366**. A complement of this color would be **24.4159, 39.7707, 27.8653**, and the grayscale version is **13.1058, 13.7883, 15.0155**.

A 20% lighter version of the original color is **52.9624, 35.4084, 41.5792**, and **10.7470, 5.4162, 6.1092** is the 20% darker color. If you saturate the color by 10%, you get **24.8012, 13.5068, 15.0591**, and if you desaturate by 10%, it is **27.9444, 17.8069, 22.2309**.

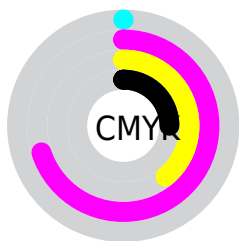
Distribution



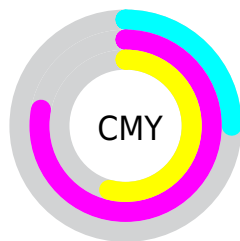
- Red (75%)
- Green (22%)
- Blue (46%)



- Red (75%)
- Yellow (22%)
- Blue (46%)



- Cyan (0%)
- Magenta (70%)
- Yellow (39%)
- Black (25%)





- Cyan (25%)
- Magenta (78%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.1599, 15.2870, 18.4015 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 26.1599, 15.2870, 18.4015 by changing the saturation by 10% instead.

 26.1599, 15.2870,
18.4015


 26.1599, 15.2870,
18.4015


275.8085,
225.0968, 255.4361

 17.0766, 9.0211,
11.0662


 52.9623, 35.3559,
41.5434

 10.3848, 4.7549,
5.9967


 71.4120, 49.9276,
58.1872


 5.7190, 2.1042,
2.7743

 93.7147, 68.0367,
78.7708

 2.7140, 0.6670,
0.9806

 120.2356, 90.0676,
103.7128

 1.0044, 0.0000,
0.0000

 151.3400,
116.4047, 133.4318

 0.0000, 0.0000,
0.0000

187.3934,

147.4323, 168.3464

228.7611,
183.5349, 208.8750

■ 26.1599, 15.2870,
18.4015

■ 26.1599, 15.2870,
18.4015

■ 24.8012, 13.5068,
15.0591

■ 27.9444, 17.8069,
22.2309

■ 23.8224, 12.3784,
12.1768

■ 30.1914, 21.1362,
26.5701

■ 23.1462, 11.7405,
9.7484

■ 32.9346, 25.3393,
31.4407

■ 36.2043, 30.4735,
36.8630

■ 40.0282, 36.5908,
42.8555

■ 44.4319, 43.7398,
49.4362

■ 49.4394, 51.9655,
56.6220

■ 55.0735, 61.3104,
64.4290

■ 61.3555, 71.8146,
72.8728

Harmonies

Analogous

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



23.9170, 15.2870, 36.5792



26.1599, 15.2870, 18.4015



24.7532, 15.2870, 7.2716

Triad

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



26.1599, 15.2870, 18.4015



10.7167, 15.2870, 2.2627



9.9000, 15.2870, 50.9346

Complementary

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



26.1599, 15.2870, 18.4015



24.4159, 39.7707, 27.8653

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.



7.5986, 15.2870, 31.8294



26.1599, 15.2870, 18.4015



7.9901, 15.2870, 5.7062

Square

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



26.1599, 15.2870, 18.4015



15.1309, 15.2870, 1.6060



6.9874, 15.2870, 15.0039



13.9449, 15.2870, 60.9507

Rectangle

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



26.1599, 15.2870, 18.4015



22.0754, 15.2870, 3.7257



6.9874, 15.2870, 15.0039



8.9355, 15.2870, 44.9758

Sweetspot

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



26.1603, 15.2878, 18.4018



70.8295, 64.1472, 75.4340



20.1818, 11.4904, 50.4444



15.1181, 13.3869, 15.8905



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.



26.1603, 15.2878, 18.4018



43.4321, 23.0095, 24.1987



24.0416, 15.0058, 5.5013



9.7029, 9.6055, 10.8245



15.2507, 7.7314, 6.6138



0.6303, 0.3160, 0.4327

Inverse Universe

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



26.1603, 15.2878, 18.4018



43.4321, 23.0095, 24.1987



28.2948, 39.0377, 55.3340



9.7029, 9.6055, 10.8245



15.2507, 7.7314, 6.6138



0.6303, 0.3160, 0.4327

Previews

White Background



This preview shows how the XYZ color 26.1599, 15.2870, 18.4015 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 26.1599, 15.2870, 18.4015 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 26.1599, 15.2870, 18.4015

Background



This preview shows how black text looks on a background with the XYZ color 26.1599, 15.2870, 18.4015.



This preview shows how white text looks on a background with the XYZ color 26.1599, 15.2870,

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

26.1599, 15.2870, 18.4015

Protanopia

15.9046, 15.5238, 31.0123

Deuteranopia

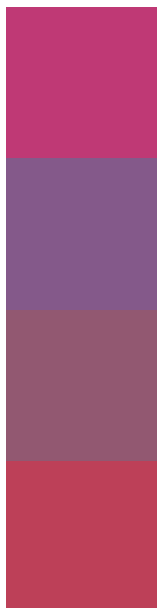
15.7142, 15.4269, 16.9013



Tritanopia

23.9759, 15.2935, 7.8192

Trichromacy



Original Color

26.1599, 15.2870, 18.4015

Protanomaly

17.6755, 13.8853, 25.7933

Deuteranomaly

18.3244, 14.2827, 17.4138

Tritanomaly

24.5811, 15.1902, 10.8690

Monochromacy



Original Color

26.1599, 15.2870, 18.4015

Achromatopsia

13.1579, 13.8432, 15.0752

Achromatomaly

16.3219, 13.1548, 16.1469

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.1599, 15.2870, 18.4015 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(191, 57, 117)` looks like.

```
.text, #text, p{  
    color:rgb(191, 57, 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(191, 57, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 57, 117) }
```

Border

The CSS property to change the border of an element to XYZ 26.1599, 15.2870, 18.4015 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(191, 57, 117) }
```


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

```
.border{ border-color:rgb(191, 57, 117) }
```

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

Here you see how a box with a 4 pixel rgb(191, 57, 117) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 57, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 57, 117);  
box-shadow:4px 4px 4px 4px rgb(191, 57,  
117) }
```

Background

The CSS property to change the background color of an element to XYZ 26.1599, 15.2870, 18.4015 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 57, 117) }
```

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

```
.background{ background-color: rgb(191, 57,  
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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