

Converting Colors

XYZ(29.5599, 18.2167, 15.6454)

Have a look what the booklet for
XYZ(29.5599, 18.2167, 15.6454)
contains.

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Color

**XYZ(29.4203, 18.1174,
15.5821)**

Conversions

Conversions Part 1

Format	Color
Hex	CB466A
RGB	203, 70, 106
RGB Percent	80%, 27%, 42%
CMY	0.2039, 0.7255, 0.5843
CMYK	0.00, 0.66, 0.48, 0.20
HSL	344°, 56%, 54%
HSV	344°, 66%, 80%
XYZ	29.4203, 18.1174, 15.5821
YIQ	113.8710, 67.7120, 39.3920

Conversions

Conversions Part 2

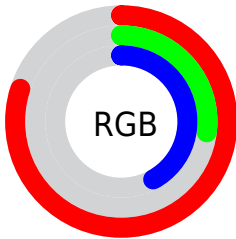
Format	Color
R_{YB}	203, 70, 106
Decimal	13321834
CIE _{Lab}	49.64, 55.30, 8.56
CIE _{LCh}	50, 55.960, 8.795
Yxy	18.1174, 0.4661, 0.2870
Android (android.graphics.Color)	4291511914 (0xFFCB466A)
YUV	113.8710, -3.8804, 78.1661
Hunter-Lab	42.5645, 48.8900, 8.0902

Details

The XYZ color **29.4203, 18.1174, 15.5821** is a dark color, and the websafe version is hex **CC3366**. The color can be described as dark muted rose. A complement of this color would be **30.8579, 46.8045, 43.9704**, and the grayscale version is **15.9534, 16.7843, 18.2781**.

A 20% lighter version of the original color is **54.6594, 38.3616, 36.4219**, and **12.2910, 6.2451, 4.6953** is the 20% darker color. If you saturate the color by 10%, you get **27.6535, 15.7115, 11.5167**, and if you desaturate by 10%, it is **31.7501, 21.4366, 20.4913**.

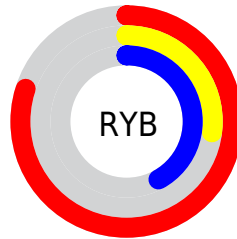
Distribution



Red (80%)

Green (27%)

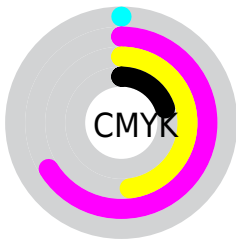
Blue (42%)



Red (80%)

Yellow (27%)

Blue (42%)

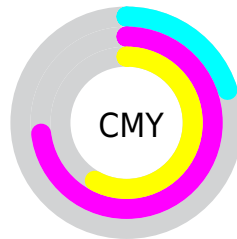


Cyan (0%)

Magenta (66%)

Yellow (48%)

Black (20%)



Cyan (20%)


Magenta (73%)


Yellow (58%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 29.4203, 18.1174, 15.5821 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 29.4203, 18.1174, 15.5821 by changing the saturation by 10% instead.


 29.4203, 18.1174,
15.5821


 29.4203, 18.1174,
15.5821


291.1515,
241.5319, 238.6239


 19.5449, 11.0343,
9.0778


 58.1371, 40.2373,
36.6278


 12.1710, 6.0899,
4.6944


 77.7093, 56.0428,
52.0063


 6.9333, 2.8998,
2.0135


 101.2444, 75.5247,
71.1799

 3.4664, 1.0797,
0.5636

 129.1078, 99.0672,
94.5672

 1.4049, 0.0000,
0.0000

 161.6648,
127.0548, 122.5867

 0.2597, 0.0000,
0.0000

199.2809,

 0.0000, 0.0000,

159.8719, 155.6570

0.0000

242.3213,
197.9028, 194.1965

■ 29.4203, 18.1174,
15.5821

■ 29.4203, 18.1174,
15.5821

■ 27.6535, 15.7115,
11.5167

■ 31.7501, 21.4366,
20.4913

■ 26.3961, 14.1226,
8.2432

■ 34.6867, 25.7465,
26.2899

■ 25.5855, 13.2374,
5.7042

■ 38.2713, 31.1198,
33.0209

■ 25.3167, 12.9718,
4.7763

■ 42.5406, 37.6214,
40.7242

■ 47.5289, 45.3110,
49.4373

■ 53.2679, 54.2441,
59.1956

■ 59.7874, 64.4726,
70.0330

■ 67.1156, 76.0457,
81.9814

■ 75.2793, 89.0096,
95.0717

Harmonies

Analogous

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



28.6108, 18.1174, 32.3176



29.4203, 18.1174, 15.5821



26.4746, 18.1174, 6.4857

Triad

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



29.4203, 18.1174, 15.5821



11.5787, 18.1174, 4.5798



13.7823, 18.1174, 61.5189

Complementary

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



29.4203, 18.1174, 15.5821



30.8579, 46.8045, 43.9704

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.



10.4208, 18.1174, 44.3284



29.4203, 18.1174, 15.5821



9.3425, 18.1174, 10.9223

Square

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



29.4203, 18.1174, 15.5821



15.7045, 18.1174, 2.6373



8.9674, 18.1174, 24.5480



18.8301, 18.1174, 65.0802

Rectangle

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



29.4203, 18.1174, 15.5821



23.0750, 18.1174, 3.7907



8.9674, 18.1174, 24.5480



12.4501, 18.1174, 56.8350

Sweetspot

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



29.4208, 18.1184, 15.5824



75.4619, 69.4974, 75.6314



28.5536, 16.7266, 58.2235



15.6517, 14.1051, 15.3112



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



29.4208, 18.1184, 15.5824



45.2488, 24.9408, 16.6362



30.1794, 22.0289, 8.4570



11.3350, 11.2627, 12.2985



16.1445, 8.2684, 3.2134



0.8653, 0.4395, 0.3365

Inverse Universe

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



29.4208, 18.1184, 15.5824



45.2488, 24.9408, 16.6362



28.4776, 35.9578, 61.9395



11.3350, 11.2627, 12.2985



16.1445, 8.2684, 3.2134



0.8653, 0.4395, 0.3365

Previews

White Background



This preview shows how the XYZ color 29.4203, 18.1174, 15.5821 looks on a white background.

Color Contrast Check

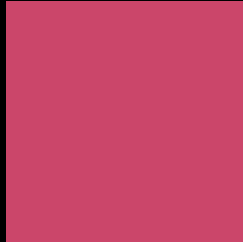
Large Text (above 18pt) WCAG AA ✓ Pass

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 29.4203, 18.1174, 15.5821 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 29.4203, 18.1174, 15.5821

Background



This preview shows how black text looks on a background with the XYZ color 29.4203, 18.1174, 15.5821.



This preview shows how white text looks on a background with the XYZ color 29.4203, 18.1174,

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

29.4203, 18.1174, 15.5821

Protanopia

17.9794, 18.4047, 24.4346

Deuteranopia

18.6341, 18.2731, 14.6015



Tritanopia

28.0514, 18.0288, 9.5909

Trichromacy



Original Color

29.4203, 18.1174, 15.5821

Protanomaly

20.4416, 17.0333, 20.9493

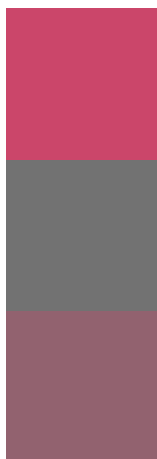
Deuteranomaly

21.4639, 17.2717, 14.7729

Tritanomaly

28.5428, 18.0429, 11.4294

Monochromacy



Original Color

29.4203, 18.1174, 15.5821

Achromatopsia

15.9940, 16.8269, 18.3245

Achromatomaly

19.0910, 15.9941, 17.1199

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.4203, 18.1174, 15.5821 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(203, 70, 106)` looks like.

```
.text, #text, p{  
    color:rgb(203, 70, 106)  
}
```

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(203, 70, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 70, 106) }
```

Border

The CSS property to change the border of an element to XYZ 29.4203, 18.1174, 15.5821 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(203, 70, 106) }
```


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

```
.border{ border-color:rgb(203, 70, 106) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 70, 106)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 70, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 70, 106);  
box-shadow:4px 4px 4px 4px rgb(203, 70,  
106) }
```

Background

The CSS property to change the background color of an element to XYZ 29.4203, 18.1174, 15.5821 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 70, 106) }
```

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

```
.background{ background-color: rgb(203, 70,  
106) }
```

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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