

Converting Colors

XYZ(30.0496, 19.9076, 16.1963)

Have a look what the booklet for
XYZ(30.0496, 19.9076, 16.1963)
contains.

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Color

**XYZ(29.9116, 19.8197,
16.1590)**

Conversions

Conversions Part 1

Format	Color
Hex	C9546B
RGB	201, 84, 107
RGB Percent	79%, 33%, 42%
CMY	0.2118, 0.6706, 0.5804
CMYK	0.00, 0.58, 0.47, 0.21
HSL	348°, 52%, 56%
HSV	348°, 58%, 79%
XYZ	29.9116, 19.8197, 16.1590
YIQ	121.6050, 62.3490, 31.9570

Conversions

Conversions Part 2

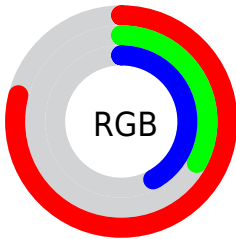
Format	Color
R_{YB}	201, 84, 107
Decimal	13194347
CIE Lab	51.63, 48.58, 10.72
CIE LCh	52, 49.746, 12.444
Yxy	19.8197, 0.4540, 0.3008
Android (android.graphics.Color)	4291384427 (0xFFC9546B)
YUV	121.6050, -7.2003, 69.6294
Hunter-Lab	44.5193, 42.0216, 9.6433

Details

The XYZ color **29.9116, 19.8197, 16.1590** is a dark color, and the websafe version is hex **CC6666**. The color can be described as dark muted rose. A complement of this color would be **32.5799, 46.8730, 49.4530**, and the grayscale version is **18.3792, 19.3364, 21.0573**.

A 20% lighter version of the original color is **56.5000, 41.9056, 37.4585**, and **12.3862, 6.9075, 4.9554** is the 20% darker color. If you saturate the color by 10%, you get **27.7974, 16.8266, 11.6467**, and if you desaturate by 10%, it is **32.6330, 23.7735, 21.6570**.

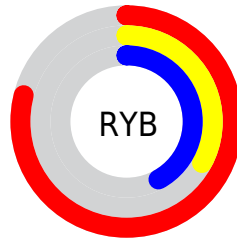
Distribution



Red (79%)

Green (33%)

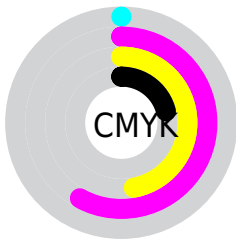
Blue (42%)



Red (79%)

Yellow (33%)

Blue (42%)

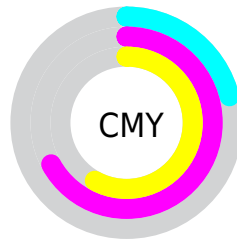


Cyan (0%)

Magenta (58%)

Yellow (47%)

Black (21%)



Cyan (21%)


Magenta (67%)


Yellow (58%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 29.9116, 19.8197, 16.1590 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 29.9116, 19.8197, 16.1590 by changing the saturation by 10% instead.


 29.9116, 19.8197,
16.1590


 29.9116, 19.8197,
16.1590


293.4094,
250.9374, 242.1558


 19.9192, 12.2641,
9.4812


 58.9099, 43.1147,
37.6446


 12.4443, 6.9238,
4.9553


 78.6466, 59.6228,
53.2895


 7.1213, 3.4145,
2.1628


 102.3621, 79.8839,
72.7605

 3.5851, 1.3518,
0.6528

 130.4218,
104.2823, 96.4761

 1.4702, 0.1808,
0.0000

 163.1910,
133.2025, 124.8549

 0.3054, 0.0000,
0.0000

201.0351,

 0.0000, 0.0000,

167.0288, 158.3154

0.0000

244.3195,
206.1456, 197.2762

■ 29.9116, 19.8197,
16.1590

■ 29.9116, 19.8197,
16.1590

■ 27.7974, 16.8266,
11.6467

■ 32.6330, 23.7735,
21.6570

■ 26.2407, 14.7084,
8.0592

■ 36.0031, 28.7576,
28.1943

■ 25.1858, 13.3699,
5.3302

■ 40.0614, 34.8388,
35.8216

■ 24.5517, 12.6659,
3.3792

■ 44.8437, 42.0774,
44.5863

■ 24.4620, 12.5674,
3.1000

■ 50.3833, 50.5294,
54.5325

■ 56.7116, 60.2470,
65.7024

■ 63.8580, 71.2794,
78.1357

■ 71.8503, 83.6731,
91.8706

■ 77.4731, 90.9878,
105.8628

Harmonies

Analogous

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



29.6097, 19.8197, 31.0290



29.9116, 19.8197, 16.1590



26.8882, 19.8197, 7.7923

Triad

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



29.9116, 19.8197, 16.1590



13.0505, 19.8197, 6.9421



16.0763, 19.8197, 60.0755

Complementary

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



29.9116, 19.8197, 16.1590



32.5799, 46.8730, 49.4530

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.



12.5801, 19.8197, 46.1010



29.9116, 19.8197, 16.1590



11.0582, 19.8197, 14.2755

Square

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



29.9116, 19.8197, 16.1590



16.8354, 19.8197, 4.2854



10.9029, 19.8197, 28.0958



20.9935, 19.8197, 61.3459

Rectangle

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



29.9116, 19.8197, 16.1590



23.6608, 19.8197, 5.1877



10.9029, 19.8197, 28.0958



14.7196, 19.8197, 56.4947

Sweetspot

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



29.9121, 19.8208, 16.1593



77.6369, 73.3485, 77.8940



31.9822, 19.9766, 57.4285



16.2329, 15.1150, 15.9751



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.



29.9121, 19.8208, 16.1593



46.7605, 27.6586, 18.0817



32.2972, 26.2763, 11.7585



10.7177, 10.6705, 11.4965



15.4070, 7.9124, 2.0871



0.7556, 0.3851, 0.2360

Inverse Universe

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



29.9121, 19.8208, 16.1593



46.7605, 27.6586, 18.0817



27.8178, 33.3390, 60.2272



10.7177, 10.6705, 11.4965



15.4070, 7.9124, 2.0871



0.7556, 0.3851, 0.2360

Previews

White Background



This preview shows how the XYZ color 29.9116, 19.8197, 16.1590 looks on a white background.

Color Contrast Check

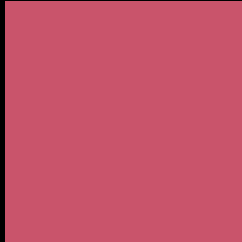
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 29.9116, 19.8197, 16.1590 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

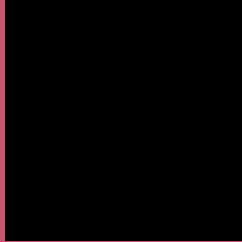
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 29.9116, 19.8197, 16.1590

Background



This preview shows how black text looks on a background with the XYZ color 29.9116, 19.8197, 16.1590.



This preview shows how white text looks on a background with the XYZ color 29.9116, 19.8197,

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

29.9116, 19.8197, 16.1590

Protanopia

19.4367, 20.0844, 23.2743

Deuteranopia

20.3228, 19.9926, 15.3582



Tritanopia

29.1594, 19.8685, 12.4233

Trichromacy



Original Color

29.9116, 19.8197, 16.1590

Protanomaly

21.9957, 19.0656, 20.2900

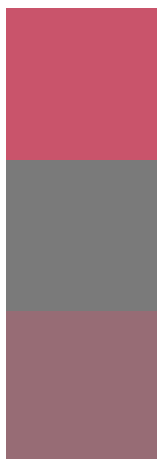
Deuteranomaly

22.9626, 19.2001, 15.5924

Tritanomaly

29.3049, 19.7980, 13.5861

Monochromacy



Original Color

29.9116, 19.8197, 16.1590

Achromatopsia

18.4984, 19.4618, 21.1939

Achromatomaly

21.3359, 18.5888, 19.2931

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.9116, 19.8197, 16.1590 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(201, 84, 107)` looks like.

```
.text, #text, p{  
    color:rgb(201, 84, 107)  
}
```

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(201, 84, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 84, 107) }
```

Border

The CSS property to change the border of an element to XYZ 29.9116, 19.8197, 16.1590 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(201, 84, 107) }
```


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

```
.border{ border-color:rgb(201, 84, 107) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 84, 107)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 84, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 84, 107);  
box-shadow:4px 4px 4px 4px rgb(201, 84,  
107) }
```

Background

The CSS property to change the background color of an element to XYZ 29.9116, 19.8197, 16.1590 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 84, 107) }
```

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

```
.background{ background-color: rgb(201, 84,  
107) }
```

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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