

Converting Colors

XYZ(29.0878, 19.2717, 18.6414)

Have a look what the booklet for
XYZ(29.0878, 19.2717, 18.6414)
contains.

XYZ(29.0106, 19.1832, 18.6967)	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(29.0106, 19.1832,
18.6967)**

Conversions

Conversions Part 1

Format	Color
Hex	C45374
RGB	196, 83, 116
RGB Percent	77%, 33%, 45%
CMY	0.2314, 0.6745, 0.5451
CMYK	0.00, 0.58, 0.41, 0.23
HSL	342°, 49%, 55%
HSV	342°, 58%, 77%
XYZ	29.0106, 19.1832, 18.6967
YIQ	120.5490, 56.7550, 34.2190

Conversions

Conversions Part 2

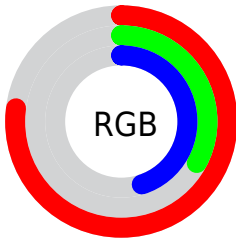
Format	Color
R_{YB}	196, 83, 116
Decimal	12866420
CIE _{Lab}	50.90, 48.28, 4.18
CIE _{LCh}	51, 48.463, 4.950
Yxy	19.1832, 0.4337, 0.2868
Android (android.graphics.Color)	4291056500 (0xFFC45374)
YUV	120.5490, -2.2427, 66.1705
Hunter-Lab	43.7986, 41.5842, 5.3494

Details

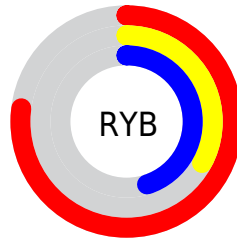
The XYZ color **29.0106, 19.1832, 18.6967** is a dark color, and the websafe version is hex **CC6699**. The color can be described as middle muted rose. A complement of this color would be **29.9191, 43.9637, 41.5620**, and the grayscale version is **18.0235, 18.9621, 20.6497**.

A 20% lighter version of the original color is **57.2535, 41.9785, 42.1309**, and **11.9166, 6.6045, 6.1156** is the 20% darker color. If you saturate the color by 10%, you get **26.9695, 16.2977, 14.3269**, and if you desaturate by 10%, it is **31.5972, 22.9665, 23.8436**.

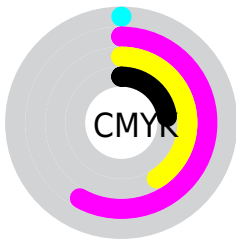
Distribution



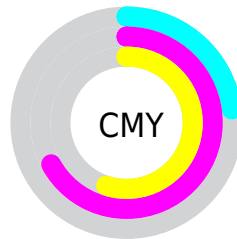
- Red (77%)
- Green (33%)
- Blue (45%)



- Red (77%)
- Yellow (33%)
- Blue (45%)



- Cyan (0%)
- Magenta (58%)
- Yellow (41%)
- Black (23%)





- Cyan (23%)
- Magenta (67%)
- Yellow (55%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 29.0106, 19.1832, 18.6967 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 29.0106, 19.1832, 18.6967 by changing the saturation by 10% instead.


 29.0106, 19.1832,
18.6967


 29.0106, 19.1832,
18.6967


289.2583,
247.4583, 257.1359


 19.2332, 11.8027,
11.2767


 57.4914, 42.0434,
42.0508

 11.9439, 6.6095,
6.1368


 76.9254, 58.2920,
58.8220


 6.7774, 3.2191,
2.8583


 100.3090, 78.2654,
79.5474

 3.3684, 1.2472,
1.0227

 128.0076,
102.3479, 104.6456

 1.3514, 0.0997,
0.0000

 160.3864,
130.9241, 134.5349

 0.2212, 0.0000,
0.0000

197.8109,

 0.0000, 0.0000,

164.3783, 169.6341

0.0000

240.6464,
203.0949, 210.3615

■ 29.0106, 19.1832,
18.6967

■ 29.0106, 19.1832,
18.6967

■ 26.9695, 16.2977,
14.3269

■ 31.5972, 22.9665,
23.8436

■ 25.4301, 14.2314,
10.6929

■ 34.7651, 27.7117,
29.8037

■ 24.3444, 12.8970,
7.7504

■ 38.5490, 33.4801,
36.6120

■ 23.6437, 12.1672,
5.4460

■ 42.9801, 40.3274,
44.3010

■ 23.5093, 12.0335,
4.9850

■ 48.0877, 48.3051,
52.9014

■ 53.8991, 57.4614,
62.4424

■ 60.4401, 67.8416,
72.9519

■ 67.7352, 79.4888,
84.4566

■ 74.3860, 89.6002,
96.5082

Harmonies

Analogous

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



27.8935, 19.1832, 34.1349



29.0106, 19.1832, 18.6967



26.8535, 19.1832, 9.1440

Triad

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



29.0106, 19.1832, 18.6967



13.4575, 19.1832, 5.8863



14.6112, 19.1832, 54.9689

Complementary

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



29.0106, 19.1832, 18.6967



29.9191, 43.9637, 41.5620

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.



11.6885, 19.1832, 39.8908



29.0106, 19.1832, 18.6967



11.1085, 19.1832, 11.6055

Square

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



29.0106, 19.1832, 18.6967



17.4512, 19.1832, 4.1052



10.5224, 19.1832, 23.2425



19.0379, 19.1832, 59.6277

Rectangle

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



29.0106, 19.1832, 18.6967



24.0383, 19.1832, 5.8975



10.5224, 19.1832, 23.2425



13.4469, 19.1832, 50.7038

Sweetspot

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



29.0111, 19.1842, 18.6970



78.1925, 73.5707, 80.8198



27.9785, 17.8651, 54.1982



16.3628, 15.1670, 16.6593



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.



29.0111, 19.1842, 18.6970



48.0976, 28.4824, 24.2325



29.4400, 22.5872, 10.9930



10.1915, 10.1252, 11.0989



15.1388, 7.7453, 3.3769



0.6850, 0.3470, 0.3088

Inverse Universe

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



29.0111, 19.1842, 18.6970



48.0976, 28.4824, 24.2325



28.5523, 35.8661, 57.6426



10.1915, 10.1252, 11.0989



15.1388, 7.7453, 3.3769



0.6850, 0.3470, 0.3088

Previews

White Background



This preview shows how the XYZ color 29.0106, 19.1832, 18.6967 looks on a white background.

Color Contrast Check

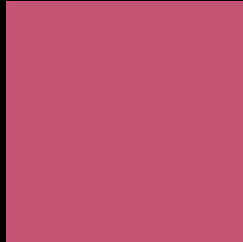
Large Text (above 18pt) WCAG AA ✓ Pass

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 29.0106, 19.1832, 18.6967 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 29.0106, 19.1832, 18.6967

Background



This preview shows how black text looks on a background with the XYZ color 29.0106, 19.1832, 18.6967.



This preview shows how white text looks on a background with the XYZ color 29.0106, 19.1832,

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

29.0106, 19.1832, 18.6967

Protanopia

19.0326, 19.4317, 26.7923

Deuteranopia

19.7118, 19.2736, 17.7202



Tritanopia

27.6321, 19.0760, 12.5816

Trichromacy



Original Color

29.0106, 19.1832, 18.6967

Protanomaly

21.3196, 18.3301, 23.5335

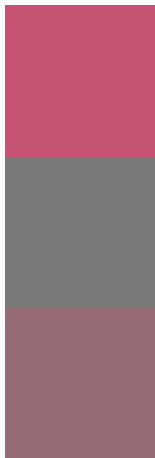
Deuteranomaly

22.3303, 18.6663, 18.0488

Tritanomaly

28.1824, 19.1973, 14.5320

Monochromacy



Original Color

29.0106, 19.1832, 18.6967

Achromatopsia

18.1737, 19.1202, 20.8219

Achromatomaly

20.8002, 18.1432, 19.8585

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.0106, 19.1832, 18.6967 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(196, 83, 116)` looks like.

```
.text, #text, p{  
    color:rgb(196, 83, 116)  
}
```

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(196, 83, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 83, 116) }
```

Border

The CSS property to change the border of an element to XYZ 29.0106, 19.1832, 18.6967 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(196, 83, 116) }
```


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

```
.border{ border-color:rgb(196, 83, 116) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 83, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 83, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 83, 116);  
box-shadow:4px 4px 4px 4px rgb(196, 83,  
116) }
```

Background

The CSS property to change the background color of an element to XYZ 29.0106, 19.1832, 18.6967 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 83, 116) }
```

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

```
.background{ background-color: rgb(196, 83,  
116) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor