

Converting Colors

XYZ(28.9759, 18.5382, 18.5078)

Have a look what the booklet for
XYZ(28.9759, 18.5382, 18.5078)
contains.

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Color

**XYZ(29.0950, 18.5745,
18.5748)**

Conversions

Conversions Part 1

Format	Color
Hex	C64D74
RGB	198, 77, 116
RGB Percent	78%, 30%, 45%
CMY	0.2235, 0.6980, 0.5451
CMYK	0.00, 0.61, 0.41, 0.22
HSL	341°, 51%, 54%
HSV	341°, 61%, 78%
XYZ	29.0950, 18.5745, 18.5748
YIQ	117.6250, 59.5970, 37.7810

Conversions

Conversions Part 2

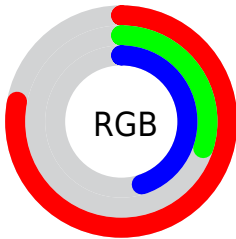
Format	Color
RYB	198, 77, 116
Decimal	12995956
CIELab	50.19, 51.69, 3.19
CIELCh	50, 51.790, 3.533
Yxy	18.5745, 0.4392, 0.2804
Android (android.graphics.Color)	4291186036 (0xFFC64D74)
YUV	117.6250, -0.8011, 70.4889
Hunter-Lab	43.0981, 45.0813, 4.6154

Details

The XYZ color **29.0950, 18.5745, 18.5748** 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 **29.5138, 44.4697, 39.8318**, and the grayscale version is **17.0929, 17.9831, 19.5836**.

A 20% lighter version of the original color is **56.4242, 40.3198, 41.8544**, and **12.0294, 6.3345, 6.0575** is the 20% darker color. If you saturate the color by 10%, you get **27.1893, 15.9234, 14.3627**, and if you desaturate by 10%, it is **31.5360, 22.1157, 23.5220**.

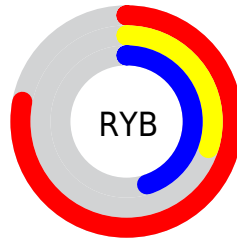
Distribution



Red (78%)

Green (30%)

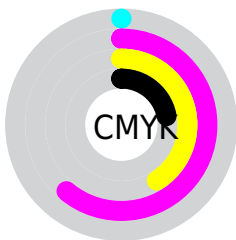
Blue (45%)



Red (78%)

Yellow (30%)

Blue (45%)

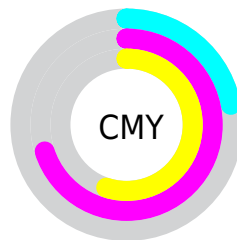


Cyan (0%)

Magenta (61%)

Yellow (41%)

Black (22%)



Cyan (22%)


Magenta (70%)


Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 29.0950, 18.5745, 18.5748 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 29.0950, 18.5745, 18.5748 by changing the saturation by 10% instead.


 29.0950, 18.5745,
18.5748


 29.0950, 18.5745,
18.5748


289.6491,
244.0896, 256.4353


 19.2973, 11.3632,
11.1898


 57.6245, 41.0139,
41.8414


 11.9906, 6.3117,
6.0788


 77.0871, 57.0107,
58.5601


 6.8094, 3.0355,
2.8235


 100.5020, 76.7049,
79.2271

 3.3885, 1.1503,
1.0052

 128.2346,
100.4808, 104.2609

 1.3624, 0.0206,
0.0000

 160.6502,
128.7229, 134.0801

 0.2292, 0.0000,
0.0000

198.1143,

 0.0000, 0.0000,

161.8154, 169.1032

0.0000

240.9921,
200.1428, 209.7487

■ 29.0950, 18.5745,
18.5748

■ 29.0950, 18.5745,
18.5748

■ 27.1893, 15.9234,
14.3627

■ 31.5360, 22.1157,
23.5220

■ 25.7730, 14.0784,
10.8461

■ 34.5500, 26.6153,
29.2387

■ 24.7943, 12.9440,
7.9826

■ 38.1729, 32.1380,
35.7582

■ 24.2088, 12.3738,
5.9348

■ 42.4370, 38.7423,
43.1111

■ 47.3726, 46.4821,
51.3267

■ 53.0076, 55.4076,
60.4327

■ 59.3685, 65.5662,
70.4553

■ 66.4805, 77.0025,
81.4199

■ 74.3012, 89.6268,
93.3286

Harmonies

Analogous

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



27.7362, 18.5745, 35.1469



29.0950, 18.5745, 18.5748



26.9432, 18.5745, 8.5080

Triad

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



29.0950, 18.5745, 18.5748



12.8580, 18.5745, 4.8595



13.7066, 18.5745, 56.2457

Complementary

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



29.0950, 18.5745, 18.5748



29.5138, 44.4697, 39.8318

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.



10.7914, 18.5745, 39.5682



29.0950, 18.5745, 18.5748



10.3703, 18.5745, 10.2669

Square

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



29.0950, 18.5745, 18.5748



17.0687, 18.5745, 3.3104



9.6917, 18.5745, 21.9690



18.2536, 18.5745, 62.0381

Rectangle

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



29.0950, 18.5745, 18.5748



24.0081, 18.5745, 5.1789



9.6917, 18.5745, 21.9690



12.5342, 18.5745, 51.4347

Sweetspot

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



29.0955, 18.5755, 18.5751



77.5050, 72.2860, 80.3123



26.8829, 16.6216, 55.2175



16.0646, 14.6529, 16.3060



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.



29.0955, 18.5755, 18.5751



47.3109, 27.0786, 23.4471



28.9192, 21.1230, 9.5754



10.7724, 10.6923, 11.7848



15.7786, 8.0610, 4.0439



0.7805, 0.3950, 0.3673

Inverse Universe

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



29.0955, 18.5755, 18.5751



47.3109, 27.0786, 23.4471



29.1417, 37.4303, 59.1149



10.7724, 10.6923, 11.7848



15.7786, 8.0610, 4.0439



0.7805, 0.3950, 0.3673

Previews

White Background



This preview shows how the XYZ color 29.0950, 18.5745, 18.5748 looks on a white background.

Color Contrast Check

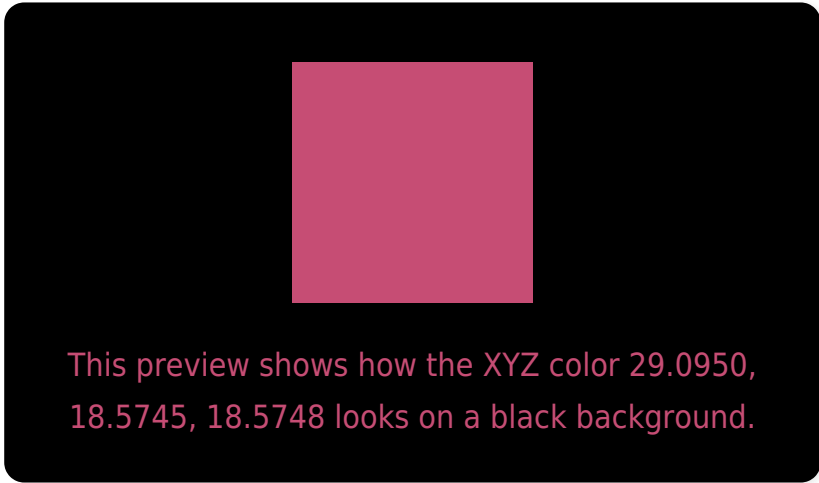
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



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 29.0950, 18.5745, 18.5748

Background



This preview shows how black text looks on a background with the XYZ color 29.0950, 18.5745, 18.5748.



This preview shows how white text looks on a background with the XYZ color 29.0950, 18.5745,

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

29.0950, 18.5745, 18.5748

Protanopia

18.6070, 18.8297, 27.8531

Deuteranopia

19.0515, 18.7675, 17.3702



Tritanopia

27.6197, 18.6269, 11.3721

Trichromacy



Original Color

29.0950, 18.5745, 18.5748

Protanomaly

20.9692, 17.6776, 24.1367

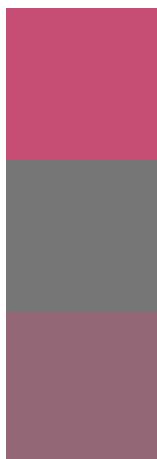
Deuteranomaly

21.7766, 17.9417, 17.6446

Tritanomaly

28.1730, 18.6370, 13.6677

Monochromacy



Original Color

29.0950, 18.5745, 18.5748

Achromatopsia

17.2197, 18.1164, 19.7288

Achromatomaly

20.0938, 17.1879, 19.0882

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.0950, 18.5745, 18.5748 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(198, 77, 116)` looks like.

```
.text, #text, p{  
    color:rgb(198, 77, 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(198, 77, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 77, 116) }
```

Border

The CSS property to change the border of an element to XYZ 29.0950, 18.5745, 18.5748 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(198, 77, 116) }
```


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

```
.border{ border-color:rgb(198, 77, 116) }
```

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

Here you see how a box with a 4 pixel rgb(198, 77, 116) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 77, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 77, 116);  
box-shadow:4px 4px 4px 4px rgb(198, 77,  
116) }
```

Background

The CSS property to change the background color of an element to XYZ 29.0950, 18.5745, 18.5748 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 77, 116) }
```

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

```
.background{ background-color: rgb(198, 77,  
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](#).

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