

Converting Colors

XYZ(29.3285, 19.4717, 18.6513)

Have a look what the booklet for
XYZ(29.3285, 19.4717, 18.6513)
contains.

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Color

**XYZ(29.3487, 19.4719,
18.7346)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | C55474 |
| RGB | 197, 84, 116 |
| RGB Percent | 77%, 33%, 45% |
| CMY | 0.2275, 0.6706, 0.5451 |
| CMYK | 0.00, 0.57, 0.41, 0.23 |
| HSL | 343°, 49%, 55% |
| HSV | 343°, 57%, 77% |
| XYZ | 29.3487, 19.4719, 18.7346 |
| YIQ | 121.4350, 57.0760, 33.9080 |

Conversions

Conversions Part 2

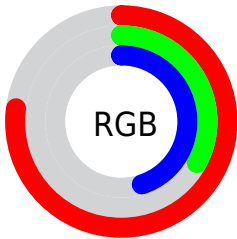
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 197, 84, 116 |
| Decimal | 12932212 |
| CIE _{Lab} | 51.23, 48.15, 4.68 |
| CIE _{LCh} | 51, 48.373, 5.555 |
| Yxy | 19.4719, 0.4344, 0.2882 |
| Android (android.graphics.Color) | 4291122292 (0xFFC55474) |
| YUV | 121.4350, -2.6795, 66.2705 |
| Hunter-Lab | 44.1270, 41.4975, 5.7167 |

Details

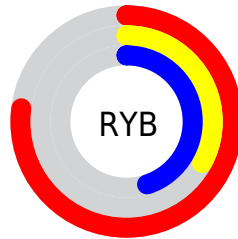
The XYZ color **29.3487, 19.4719, 18.7346** is a dark color, and the websafe version is hex **CC6699**. The color can be described as middle muted rose. A complement of this color would be **30.4151, 44.5345, 42.5931**, and the grayscale version is **18.3109, 19.2645, 20.9791**.

A 20% lighter version of the original color is **57.3964, 42.2641, 42.1785**, and **12.1061, 6.7368, 6.1311** is the 20% darker color. If you saturate the color by 10%, you get **27.2690, 16.5287, 14.2920**, and if you desaturate by 10%, it is **31.9843, 23.3269, 23.9790**.

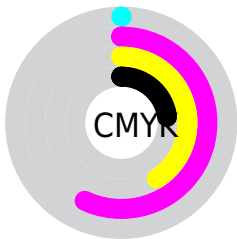
Distribution



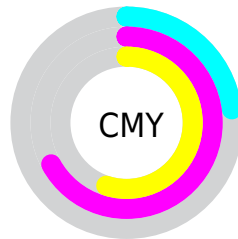
- Red (77%)
- Green (33%)
- Blue (45%)



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



- Cyan (0%)
- Magenta (57%)
- Yellow (41%)
- Black (23%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 29.3487, 19.4719, 18.7346 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 29.3487, 19.4719, 18.7346 by changing the saturation by 10% instead.

■ 29.3487, 19.4719,
18.7346

■ 29.3487, 19.4719,
18.7346

290.8213,
249.0417, 257.3534

■ 19.4904, 12.0118,
11.3038

■ 58.0244, 42.5300,
42.1159

■ 12.1312, 6.7517,
6.1548

■ 77.5724, 58.8967,
58.9034

■ 6.9060, 3.3073,
2.8691

■ 101.0811, 79.0011,
79.6469

■ 3.4492, 1.2942,
1.0282

■ 128.9158,
103.2276, 104.7650

■ 1.3955, 0.1367,
0.0000

■ 161.4418,
131.9604, 134.6761

■ 0.2530, 0.0000,
0.0000

199.0244,

■ 0.0000, 0.0000,

165.5842, 169.7989

0.0000

242.0292,
204.4831, 210.5518

■ 29.3487, 19.4719,
18.7346

■ 29.3487, 19.4719,
18.7346

■ 27.2690, 16.5287,
14.2920

■ 31.9843, 23.3269,
23.9790

■ 25.7008, 14.4178,
10.6081

■ 35.2122, 28.1584,
30.0628

■ 24.5954, 13.0511,
7.6370

■ 39.0676, 34.0285,
37.0224

■ 23.8853, 12.3045,
5.3239

■ 43.5822, 40.9934,
44.8915

■ 23.7344, 12.1537,
4.8083

■ 48.7858, 49.1052,
53.7022

■ 54.7061, 58.4127,
63.4848

■ 61.3694, 68.9620,
74.2682

■ 68.8006, 80.7963,
86.0803

■ 74.9785, 89.8673,
98.2660

Harmonies

Analogous

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



28.2912, 19.4719, 34.1906



29.3487, 19.4719, 18.7346



27.1173, 19.4719, 9.2100

Triad

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



29.3487, 19.4719, 18.7346



13.6246, 19.4719, 6.1096



14.9312, 19.4719, 55.7051

Complementary

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



29.3487, 19.4719, 18.7346



30.4151, 44.5345, 42.5931

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.



11.9453, 19.4719, 40.6830



29.3487, 19.4719, 18.7346



11.2877, 19.4719, 12.0057

Square

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



29.3487, 19.4719, 18.7346



17.6247, 19.4719, 4.2375



10.7310, 19.4719, 23.8762



19.4192, 19.4719, 60.1090

Rectangle

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



29.3487, 19.4719, 18.7346



24.2597, 19.4719, 5.9818



10.7310, 19.4719, 23.8762



13.7449, 19.4719, 51.4859

Sweetspot

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



29.3492, 19.4729, 18.7349



78.1404, 73.5499, 80.5455



28.7628, 18.3706, 54.8533



16.3506, 15.1621, 16.5951



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.



29.3492, 19.4729, 18.7349



47.9934, 28.4407, 23.6838



30.0407, 23.3389, 11.3103



10.7553, 10.6855, 11.6946



15.6425, 8.0066, 3.3275



0.7725, 0.3918, 0.3252

Inverse Universe

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



29.3492, 19.4729, 18.7349



47.9934, 28.4407, 23.6838



28.5861, 35.6190, 58.1919



10.7553, 10.6855, 11.6946



15.6425, 8.0066, 3.3275



0.7725, 0.3918, 0.3252

Previews

White Background



This preview shows how the XYZ color 29.3487, 19.4719, 18.7346 looks on a white background.

Color Contrast Check

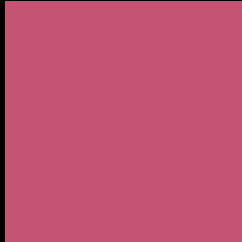
Large Text (above 18pt) WCAG AA ✓ Pass

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 29.3487, 19.4719, 18.7346 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

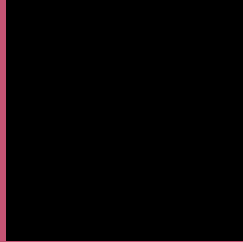
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 29.3487, 19.4719, 18.7346

Background



This preview shows how black text looks on a background with the XYZ color 29.3487, 19.4719, 18.7346.



This preview shows how white text looks on a background with the XYZ color 29.3487, 19.4719,

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

29.3487, 19.4719, 18.7346

Protanopia

19.2927, 19.7471, 26.8395

Deuteranopia

19.9951, 19.5935, 17.7670



Tritanopia

28.0158, 19.3897, 12.8557

Trichromacy



Original Color

29.3487, 19.4719, 18.7346

Protanomaly

21.6046, 18.6327, 23.5769

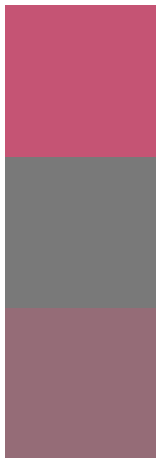
Deuteranomaly

22.6319, 18.9739, 18.0923

Tritanomaly

28.5714, 19.5115, 14.8306

Monochromacy



Original Color

29.3487, 19.4719, 18.7346

Achromatopsia

18.1737, 19.1202, 20.8219

Achromatomaly

21.0868, 18.4466, 19.9019

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.3487, 19.4719, 18.7346 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(197, 84, 116)` looks like.

```
.text, #text, p{  
    color:rgb(197, 84, 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(197, 84, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 84, 116) }
```

Border

The CSS property to change the border of an element to XYZ 29.3487, 19.4719, 18.7346 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(197, 84, 116) }
```


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

```
.border{ border-color:rgb(197, 84, 116) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 84, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 84, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 84, 116);  
box-shadow:4px 4px 4px 4px rgb(197, 84,  
116) }
```

Background

The CSS property to change the background color of an element to XYZ 29.3487, 19.4719, 18.7346 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 84, 116) }
```

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

```
.background{ background-color: rgb(197, 84,  
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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