

Converting Colors

XYZ(27.4392, 18.4187, 13.7682)

Have a look what the booklet for
XYZ(27.4392, 18.4187, 13.7682)
contains.

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Color

**XYZ(27.4700, 18.3858,
13.6563)**

Conversions

Conversions Part 1

Format	Color
Hex	C25262
RGB	194, 82, 98
RGB Percent	76%, 32%, 38%
CMY	0.2392, 0.6784, 0.6157
CMYK	0.00, 0.58, 0.49, 0.24
HSL	351°, 48%, 54%
HSV	351°, 58%, 76%
XYZ	27.4700, 18.3858, 13.6563
YIQ	117.3120, 61.6160, 28.7200

Conversions

Conversions Part 2

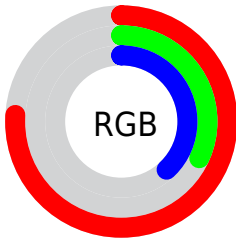
Format	Color
RYB	194, 82, 98
Decimal	12735074
CIELab	49.96, 46.27, 13.61
CIELCh	50, 48.228, 16.396
Yxy	18.3858, 0.4616, 0.3089
Android (android.graphics.Color)	4290925154 (0xFFC25262)
YUV	117.3120, -9.5208, 67.2554
Hunter-Lab	42.8787, 39.3175, 11.1320

Details

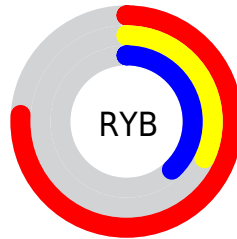
The XYZ color **27.4700, 18.3858, 13.6563** is a dark color, and the websafe version is hex **CC6666**. The color can be described as dark muted rose. A complement of this color would be **30.8084, 43.5921, 48.9129**, and the grayscale version is **17.0213, 17.9077, 19.5015**.

A 20% lighter version of the original color is **54.9618, 40.5687, 33.3675**, and **11.1651, 6.2660, 3.8698** is the 20% darker color. If you saturate the color by 10%, you get **25.5030, 15.5806, 9.5210**, and if you desaturate by 10%, it is **30.0146, 22.0852, 18.7892**.

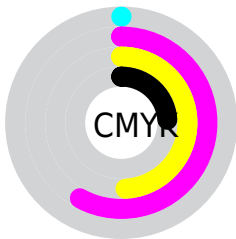
Distribution



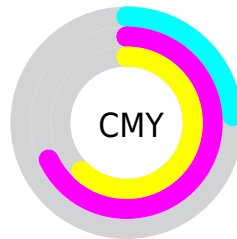
- Red (76%)
- Green (32%)
- Blue (38%)



- Red (76%)
- Yellow (32%)
- Blue (38%)



- Cyan (0%)
- Magenta (58%)
- Yellow (49%)
- Black (24%)





- Cyan (24%)
- Magenta (68%)
- Yellow (62%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 27.4700, 18.3858, 13.6563 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 27.4700, 18.3858, 13.6563 by changing the saturation by 10% instead.

 27.4700, 18.3858,
13.6563


 27.4700, 18.3858,
13.6563


282.0519,
243.0367, 226.4356


 18.0649, 11.2273,
7.7460


 55.0517, 40.6936,
33.1862


 11.0966, 6.2200,
3.8474


 73.9591, 56.6118,
47.6429


 6.1996, 2.9793,
1.5420


 96.7646, 76.2186,
65.7855

 3.0086, 1.1209,
0.2489

 123.8336, 99.8985,
88.0325

 1.1583, 0.0000,
0.0000

 155.5315,
128.0359, 114.8025

 0.0731, 0.0000,
0.0000

192.2236,

 0.0000, 0.0000,

161.0151, 146.5140

0.0000

234.2753,
199.2206, 183.5855

■ 27.4700, 18.3858,
13.6563

■ 27.4700, 18.3858,
13.6563

■ 25.5030, 15.5806,
9.5210

■ 30.0146, 22.0852,
18.7892

■ 24.0661, 13.5908,
6.3168

■ 33.1763, 26.7429,
24.9784

■ 23.1065, 12.3289,
3.9704

■ 36.9929, 32.4206,
32.2790

■ 22.5496, 11.6664,
2.3933

■ 41.4985, 39.1739,
40.7421

■ 22.4541, 11.5517,
2.1264

■ 46.7252, 47.0545,
50.4155

■ 52.7026, 56.1106,
61.3443

■ 59.4590, 66.3878,
73.5714

■ 67.0210, 77.9290,
87.1376

■ 74.8994, 89.7458,
101.9104

Harmonies

Analogous

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



27.6218, 18.3858, 26.6271



27.4700, 18.3858, 13.6563



24.3538, 18.3858, 6.6603

Triad

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



27.4700, 18.3858, 13.6563



11.7943, 18.3858, 7.0904



15.4657, 18.3858, 56.3776

Complementary

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



27.4700, 18.3858, 13.6563



30.8084, 43.5921, 48.9129

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.



12.0315, 18.3858, 44.7041



27.4700, 18.3858, 13.6563



10.1785, 18.3858, 14.6060

Square

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



27.4700, 18.3858, 13.6563



15.0833, 18.3858, 4.1782



10.2569, 18.3858, 28.1028



20.1074, 18.3858, 55.7398

Rectangle

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



27.4700, 18.3858, 13.6563



21.2834, 18.3858, 4.5755



10.2569, 18.3858, 28.1028



14.1507, 18.3858, 53.6000

Sweetspot

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



27.4705, 18.3868, 13.6566



75.5907, 71.5832, 74.5700



30.9326, 19.3014, 53.1338



16.1613, 15.0864, 15.5983



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.



27.4705, 18.3868, 13.6566



45.5059, 27.2473, 15.7285



30.6335, 25.8031, 11.3500



10.1305, 10.1008, 10.7777



14.7816, 7.6024, 1.4959



0.6579, 0.3362, 0.1662

Inverse Universe

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



27.4705, 18.3868, 13.6566



45.5059, 27.2473, 15.7285



24.9063, 29.0661, 55.3362



10.1305, 10.1008, 10.7777



14.7816, 7.6024, 1.4959



0.6579, 0.3362, 0.1662

Previews

White Background



This preview shows how the XYZ color 27.4700, 18.3858, 13.6563 looks on a white background.

Color Contrast Check

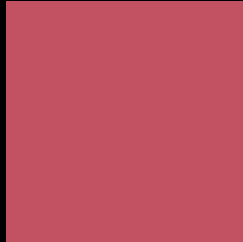
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.4700, 18.3858, 13.6563 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 27.4700, 18.3858, 13.6563

Background



This preview shows how black text looks on a background with the XYZ color 27.4700, 18.3858, 13.6563.



This preview shows how white text looks on a background with the XYZ color 27.4700, 18.3858,

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

27.4700, 18.3858, 13.6563

Protanopia

17.8338, 18.6156, 19.4828

Deuteranopia

18.9217, 18.6272, 12.9541



Tritanopia

26.9658, 18.3994, 11.5814

Trichromacy



Original Color

27.4700, 18.3858, 13.6563

Protanomaly

20.1812, 17.7298, 17.1104

Deuteranomaly

21.4130, 18.0003, 13.1723

Tritanomaly

27.0173, 18.2967, 12.2329

Monochromacy



Original Color

27.4700, 18.3858, 13.6563

Achromatopsia

16.9083, 17.7888, 19.3720

Achromatomaly

19.4418, 17.0462, 17.0174

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.4700, 18.3858, 13.6563 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(194, 82, 98)` looks like.

```
.text, #text, p{  
    color:rgb(194, 82, 98)  
}
```

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(194, 82, 98) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 82, 98) }
```

Border

The CSS property to change the border of an element to XYZ 27.4700, 18.3858, 13.6563 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(194, 82, 98) }
```


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

```
.border{ border-color:rgb(194, 82, 98) }
```

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

Here you see how a box with a 4 pixel rgb(194, 82, 98) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 82, 98); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 82, 98);  
box-shadow:4px 4px 4px 4px rgb(194, 82,  
98) }
```

Background

The CSS property to change the background color of an element to XYZ 27.4700, 18.3858, 13.6563 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 82, 98) }
```

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

```
.background{ background-color: rgb(194, 82,  
98) }
```

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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