

Converting Colors

XYZ(27.1415, 18.8798, 9.9982)

Have a look what the booklet for
XYZ(27.1415, 18.8798, 9.9982)
contains.

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Color

**XYZ(27.1415, 18.8798,
9.9982)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | C25751 |
| RGB | 194, 87, 81 |
| RGB Percent | 76%, 34%, 32% |
| CMY | 0.2392, 0.6588, 0.6824 |
| CMYK | 0.00, 0.55, 0.58, 0.24 |
| HSL | 3°, 48%, 54% |
| HSV | 3°, 58%, 76% |
| XYZ | 27.1415, 18.8798, 9.9982 |
| YIQ | 118.3090, 65.6980, 20.8180 |

Conversions

Conversions Part 2

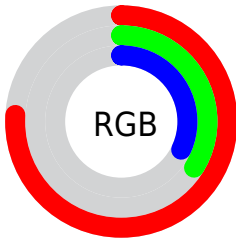
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 194, 87, 81 |
| Decimal | 12736337 |
| CIELab | 50.55, 42.42, 24.51 |
| CIElCh | 51, 48.989, 30.014 |
| Yxy | 18.8798, 0.4845, 0.3370 |
| Android (android.graphics.Color) | 4290926417 (0xFFC25751) |
| YUV | 118.3090, -18.3933, 66.3810 |
| Hunter-Lab | 43.4509, 35.4606, 16.7728 |

Details

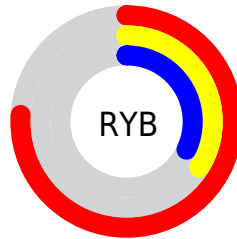
The XYZ color **27.1415, 18.8798, 9.9982** is a dark color, and the websafe version is hex **CC6666**. The color can be described as dark muted red. A complement of this color would be **31.1128, 41.6080, 57.4300**, and the grayscale version is **17.3589, 18.2629, 19.8883**.

A 20% lighter version of the original color is **54.6473, 41.6279, 26.2738**, and **10.8821, 6.4223, 2.3351** is the 20% darker color. If you saturate the color by 10%, you get **25.2125, 16.0245, 6.2644**, and if you desaturate by 10%, it is **29.6576, 22.5769, 14.9532**.

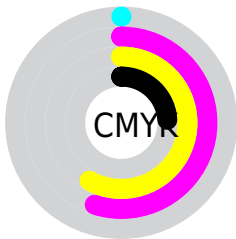
Distribution



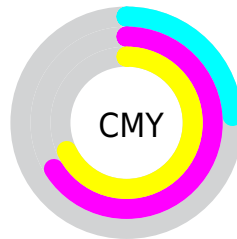
- Red (76%)
- Green (34%)
- Blue (32%)



- Red (76%)
- Yellow (34%)
- Blue (32%)



- Cyan (0%)
- Magenta (55%)
- Yellow (58%)
- Black (24%)





- Cyan (24%)
- Magenta (66%)
- Yellow (68%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 27.1415, 18.8798, 9.9982 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 27.1415, 18.8798, 9.9982 by changing the saturation by 10% instead.


 27.1415, 18.8798,
9.9982


 27.1415, 18.8798,
9.9982


280.4967,
245.7844, 201.1436


 17.8167, 11.5835,
5.2922


 54.5291, 41.5309,
26.3999


 10.9173, 6.4607,
2.3580


 73.3226, 57.6544,
38.9326

 6.0782, 3.1272,
0.7634


 96.0031, 77.4892,
54.9113

 2.9338, 1.1985,
0.0000

 122.9358,
101.4195, 74.7546

 1.1188, 0.0605,
0.0000

 154.4862,
129.8297, 98.8809

 0.0408, 0.0000,
0.0000

191.0195,

 0.0000, 0.0000,

163.1044, 127.7088

0.0000

232.9012,
201.6278, 161.6568

■ 27.1415, 18.8798,
9.9982

■ 27.1415, 18.8798,
9.9982

■ 25.2125, 16.0245,
6.2644

■ 29.6576, 22.5769,
14.9532

■ 23.8217, 13.9421,
3.6449

■ 32.8017, 27.1718,
21.2217

■ 22.9145, 12.5580,
2.0164

■ 36.6127, 32.7189,
28.8886

■ 22.4174, 11.7783,
1.1896

■ 41.1259, 39.2676,
38.0312

■ 22.3599, 11.6931,
1.0785

■ 46.3741, 46.8640,
48.7211

■ 52.3881, 55.5511,
61.0254

■ 59.1969, 65.3697,
75.0071

■ 66.8281, 76.3583,
90.7259

■ 75.2109, 88.5150,
107.7288

Harmonies

Analogous

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



28.7987, 18.8798, 20.5504



27.1415, 18.8798, 9.9982



22.9433, 18.8798, 5.1445

Triad

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



27.1415, 18.8798, 9.9982



11.1010, 18.8798, 10.0052



17.9470, 18.8798, 59.7320

Complementary

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



27.1415, 18.8798, 9.9982



31.1128, 41.6080, 57.4300

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.



13.7306, 18.8798, 52.8387



27.1415, 18.8798, 9.9982



10.2313, 18.8798, 20.5634

Square

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



27.1415, 18.8798, 9.9982



13.7273, 18.8798, 5.1471



11.1026, 18.8798, 36.7420



22.9479, 18.8798, 52.8265

Rectangle

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



27.1415, 18.8798, 9.9982



19.5867, 18.8798, 4.0004



11.1026, 18.8798, 36.7420



16.3971, 18.8798, 58.9234

Sweetspot

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



27.1420, 18.8808, 9.9985



75.3800, 72.4038, 70.6709



34.3053, 21.0001, 50.0201



16.1110, 15.2812, 14.6708



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.



27.1420, 18.8808, 9.9985



44.8619, 27.8148, 9.7936



33.5782, 31.7533, 12.1439



10.1152, 10.1618, 10.4902



14.7202, 7.7261, 0.7154



0.6511, 0.3641, 0.0360

Inverse Universe

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



31.1128, 41.6080, 57.4300



52.6693, 72.7180, 103.7298



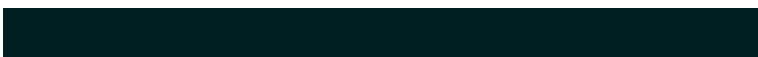
21.3619, 22.1063, 54.1797



10.3212, 11.3337, 12.9285



17.6485, 25.0535, 37.4622



0.7768, 1.1110, 1.6234

Previews

White Background



This preview shows how the XYZ color 27.1415, 18.8798, 9.9982 looks on a white background.

Color Contrast Check

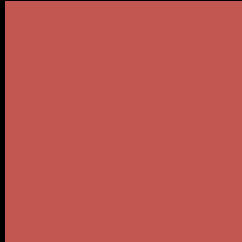
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.1415, 18.8798, 9.9982 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 27.1415, 18.8798, 9.9982

Background



This preview shows how black text looks on a background with the XYZ color 27.1415, 18.8798, 9.9982.



This preview shows how white text looks on a background with the XYZ color 27.1415, 18.8798,

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

27.1415, 18.8798, 9.9982

Protanopia

17.9562, 19.1681, 13.5799

Deuteranopia

19.2893, 18.8943, 9.4678



Tritanopia

27.6425, 18.8544, 12.0799

Trichromacy



Original Color

27.1415, 18.8798, 9.9982

Protanomaly

20.4510, 18.4478, 12.1558

Deuteranomaly

21.5310, 18.4397, 9.6321

Tritanomaly

27.5538, 18.9458, 11.2215

Monochromacy



Original Color

27.1415, 18.8798, 9.9982

Achromatopsia

17.2197, 18.1164, 19.7288

Achromatomaly

19.6616, 17.6463, 15.7344

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.1415, 18.8798, 9.9982 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, 87, 81)` looks like.

```
.text, #text, p{  
    color:rgb(194, 87, 81)  
}
```

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, 87, 81) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 87, 81) }
```

Border

The CSS property to change the border of an element to XYZ 27.1415, 18.8798, 9.9982 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, 87, 81) }
```


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

```
.border{ border-color:rgb(194, 87, 81) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 87, 81)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 87, 81); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 87, 81);  
box-shadow:4px 4px 4px 4px rgb(194, 87,  
81) }
```

Background

The CSS property to change the background color of an element to XYZ 27.1415, 18.8798, 9.9982 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 87, 81) }
```

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

```
.background{ background-color: rgb(194, 87,  
81) }
```

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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