

Converting Colors

XYZ(27.3143, 18.0706, 4.0819)

Have a look what the booklet for
XYZ(27.3143, 18.0706, 4.0819)
contains.

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Color

**XYZ(27.1948, 18.0195,
4.0523)**

Conversions

Conversions Part 1

Format	Color
Hex	C94E28
RGB	201, 78, 40
RGB Percent	79%, 31%, 16%
CMY	0.2118, 0.6941, 0.8431
CMYK	0.00, 0.61, 0.80, 0.21
HSL	14°, 67%, 47%
HSV	14°, 80%, 79%
XYZ	27.1948, 18.0195, 4.0523
YIQ	110.4450, 85.5060, 14.2580

Conversions

Conversions Part 2

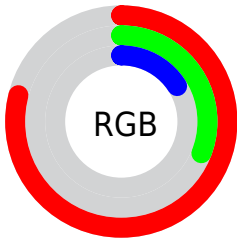
Format	Color
R_{YB}	201, 90, 40
Decimal	13192744
CIE _{Lab}	49.52, 47.06, 46.19
CIE _{LCh}	50, 65.941, 44.466
Yxy	18.0195, 0.5520, 0.3658
Android (android.graphics.Color)	4291382824 (0xFFC94E28)
YUV	110.4450, -34.7294, 79.4167
Hunter-Lab	42.4494, 40.0679, 24.0546

Details

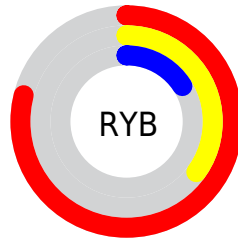
The XYZ color **27.1948, 18.0195, 4.0523** is a dark color, and the websafe version is hex **CC6633**. The color can be described as dark muted red. A complement of this color would be **24.5136, 30.8601, 59.9225**, and the grayscale version is **15.0295, 15.8122, 17.2195**.

A 20% lighter version of the original color is **51.1178, 38.1972, 13.9111**, and **10.9156, 6.0253, 0.5877** is the 20% darker color. If you saturate the color by 10%, you get **25.9710, 15.9843, 2.3737**, and if you desaturate by 10%, it is **28.8518, 20.6373, 6.7518**.

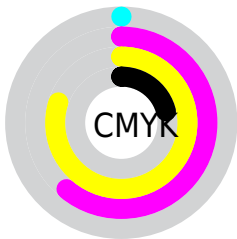
Distribution



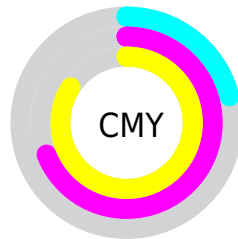
- Red (79%)
- Green (31%)
- Blue (16%)



- Red (79%)
- Yellow (35%)
- Blue (16%)



- Cyan (0%)
- Magenta (61%)
- Yellow (80%)
- Black (21%)





- Cyan (21%)
- Magenta (69%)
- Yellow (84%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 27.1948, 18.0195, 4.0523 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 27.1948, 18.0195, 4.0523 by changing the saturation by 10% instead.


 27.1948, 18.0195,
4.0523


 27.1948, 18.0195,
4.0523


280.7495,
240.9809, 148.8049


 17.8569, 10.9640,
1.6541


 54.6140, 40.0706,
14.1302


 10.9464, 6.0426,
0.3290


 73.4260, 55.8349,
22.6470


 6.0978, 2.8710,
0.0000


 96.1268, 75.2709,
34.0403

 2.9459, 1.0648,
0.0000

 123.0817, 98.7631,
48.7288

 1.1252, 0.0000,
0.0000

 154.6560,
126.6958, 67.1310

 0.0460, 0.0000,
0.0000

 191.2152,

 0.0000, 0.0000,

159.4534, 89.6654

0.0000

233.1246,
197.4203, 116.7505

■ 27.1948, 18.0195,
4.0523

■ 27.1948, 18.0195,
4.0523

■ 25.9710, 15.9843,
2.3737

■ 28.8518, 20.6373,
6.7518

■ 25.1218, 14.4866,
1.4721

■ 30.9812, 23.8768,
10.6043

■ 33.6189, 27.7769,
15.7228

■ 36.7965, 32.3726,
22.2064

■ 40.5431, 37.6962,
30.1444

■ 44.8857, 43.7778,
39.6184

■ 49.8493, 50.6459,
50.7038

■ 55.4576, 58.3275,
63.4711

■ 61.7331, 66.8484,
77.9868

Harmonies

Analogous

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



31.5680, 18.0195, 12.2280



27.1948, 18.0195, 4.0523



20.5450, 18.0195, 1.6441

Triad

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



27.1948, 18.0195, 4.0523



7.9735, 18.0195, 11.7821



20.3021, 18.0195, 75.2367

Complementary

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



27.1948, 18.0195, 4.0523



24.5136, 30.8601, 59.9225

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.



14.1108, 18.0195, 74.8314



27.1948, 18.0195, 4.0523



7.9388, 18.0195, 29.5155

Square

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



27.1948, 18.0195, 4.0523



10.0228, 18.0195, 3.8961



9.9126, 18.0195, 54.8702



26.9801, 18.0195, 55.7741

Rectangle

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



27.1948, 18.0195, 4.0523



16.2097, 18.0195, 1.4334



9.9126, 18.0195, 54.8702



18.0783, 18.0195, 77.6757

Sweetspot

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



27.1952, 18.0205, 4.0526



73.5714, 70.3785, 60.6280



31.4958, 16.5950, 36.3973



15.1809, 14.2695, 11.7446



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.



27.1952, 18.0205, 4.0526



43.3624, 25.4153, 2.9131



36.7085, 37.0471, 7.2237



10.8337, 11.0366, 11.1220



15.8553, 9.2278, 0.9455



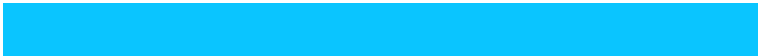
0.8086, 0.5526, 0.0641

Inverse Universe

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



24.5136, 30.8601, 59.9225



38.1918, 47.3141, 101.7274



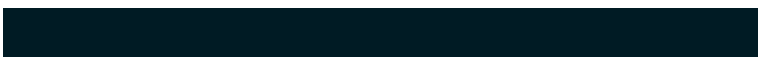
14.5059, 10.8446, 56.5866



10.7263, 11.6267, 13.5963



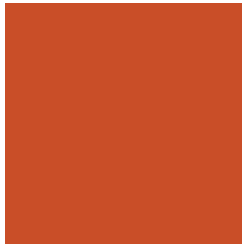
13.9212, 17.2363, 37.3376



0.7121, 0.9220, 1.7856

Previews

White Background



This preview shows how the XYZ color 27.1948, 18.0195, 4.0523 looks on a white 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

Black Background



This preview shows how the XYZ color 27.1948, 18.0195, 4.0523 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 27.1948, 18.0195, 4.0523

Background



This preview shows how black text looks on a background with the XYZ color 27.1948, 18.0195, 4.0523.



This preview shows how white text looks on a background with the XYZ color 27.1948, 18.0195,

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

27.1948, 18.0195, 4.0523

Protanopia

16.7101, 18.3382, 5.7909

Deuteranopia

18.4104, 18.0666, 3.6793



Tritanopia

28.1810, 18.0042, 9.1976

Trichromacy



Original Color

27.1948, 18.0195, 4.0523

Protanomaly

19.3680, 17.2740, 5.0027

Deuteranomaly

20.9801, 17.5490, 3.7204

Tritanomaly

27.7986, 17.9589, 6.8517

Monochromacy



Original Color

27.1948, 18.0195, 4.0523

Achromatopsia

14.8208, 15.5926, 16.9804

Achromatomaly

17.3351, 15.2309, 10.6205

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.1948, 18.0195, 4.0523 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(201, 78, 40)` looks like.

```
.text, #text, p{  
    color:rgb(201, 78, 40)  
}
```

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(201, 78, 40) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 78, 40) }
```

Border

The CSS property to change the border of an element to XYZ 27.1948, 18.0195, 4.0523 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(201, 78, 40) }
```


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

```
.border{ border-color:rgb(201, 78, 40) }
```

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

Here you see how a box with a 4 pixel rgb(201, 78, 40) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 78, 40); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 78, 40);  
box-shadow:4px 4px 4px 4px rgb(201, 78,  
40) }
```

Background

The CSS property to change the background color of an element to XYZ 27.1948, 18.0195, 4.0523 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 78, 40) }
```

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

```
.background{ background-color: rgb(201, 78,  
40) }
```

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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