

Converting Colors

XYZ(27.3615, 18.2259, 4.4984)

Have a look what the booklet for
XYZ(27.3615, 18.2259, 4.4984)
contains.

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Color

**XYZ(27.3380, 18.1913,
4.4533)**

Conversions

Conversions Part 1

Format	Color
Hex	C94F2C
RGB	201, 79, 44
RGB Percent	79%, 31%, 17%
CMY	0.2118, 0.6902, 0.8274
CMYK	0.00, 0.61, 0.78, 0.21
HSL	13°, 64%, 48%
HSV	13°, 78%, 79%
XYZ	27.3380, 18.1913, 4.4533
YIQ	111.4880, 83.9470, 14.9790

Conversions

Conversions Part 2

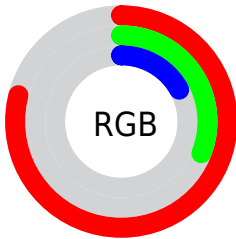
Format	Color
RYB	201, 89, 44
Decimal	13193004
CIELab	49.73, 46.74, 44.41
CIELCh	50, 64.479, 43.537
Yxy	18.1913, 0.5470, 0.3640
Android (android.graphics.Color)	4291383084 (0xFFC94F2C)
YUV	111.4880, -33.2716, 78.5020
Hunter-Lab	42.6513, 39.7727, 23.6653

Details

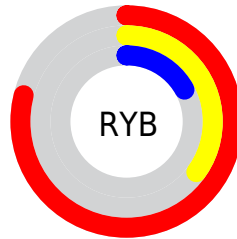
The XYZ color **27.3380, 18.1913, 4.4533** is a dark color, and the websafe version is hex **CC6633**. The color can be described as dark muted red. A complement of this color would be **25.2163, 32.0225, 60.1099**, and the grayscale version is **15.3290, 16.1273, 17.5626**.

A 20% lighter version of the original color is **51.4230, 38.5352, 14.8530**, and **11.1021, 6.1493, 0.6018** is the 20% darker color. If you saturate the color by 10%, you get **26.0502, 16.0813, 2.5898**, and if you desaturate by 10%, it is **29.0741, 20.9059, 7.3685**.

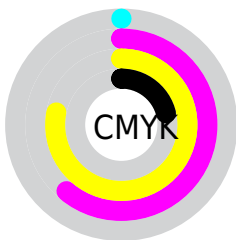
Distribution



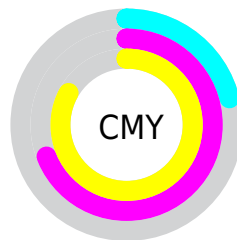
- Red (79%)
- Green (31%)
- Blue (17%)



- Red (79%)
- Yellow (35%)
- Blue (17%)



- Cyan (0%)
- Magenta (61%)
- Yellow (78%)
- Black (21%)





- Cyan (21%)
- Magenta (69%)
- Yellow (83%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 27.3380, 18.1913, 4.4533 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 27.3380, 18.1913, 4.4533 by changing the saturation by 10% instead.


 27.3380, 18.1913,
4.4533


 27.3380, 18.1913,
4.4533


281.4277,
241.9471, 153.1379


 17.9651, 11.0874,
1.8772


 54.8418, 40.3630,
15.0424


 11.0245, 6.1257,
0.4782


 73.7035, 56.1997,
23.8925


 6.1507, 2.9216,
0.0000


 96.4589, 75.7160,
35.6709

 2.9785, 1.0910,
0.0000

 123.4732, 99.2964,
50.7963

 1.1424, 0.0000,
0.0000

 155.1119,
127.3254, 69.6871

 0.0601, 0.0000,
0.0000

 191.7403,

 0.0000, 0.0000,

160.1872, 92.7620

0.0000

233.7238,
198.2663, 120.4394

■ 27.3380, 18.1913,
4.4533

■ 27.3380, 18.1913,
4.4533

■ 26.0502, 16.0813,
2.5898

■ 29.0741, 20.9059,
7.3685

■ 25.1557, 14.5210,
1.5861

■ 31.2977, 24.2653,
11.4630

■ 25.0187, 14.2803,
1.4377

■ 34.0445, 28.3095,
16.8470

■ 37.3466, 33.0746,
23.6177

■ 41.2333, 38.5937,
31.8629

■ 45.7318, 44.8982,
41.6631

■ 50.8675, 52.0174,
53.0930

■ 56.6644, 59.9791,
66.2223

■ 63.1452, 68.8100,
81.1169

Harmonies

Analogous

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



31.4947, 18.1913, 12.9003



27.3380, 18.1913, 4.4533



20.8563, 18.1913, 1.8577

Triad

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



27.3380, 18.1913, 4.4533



8.2601, 18.1913, 11.6877



20.2035, 18.1913, 74.2139

Complementary

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



27.3380, 18.1913, 4.4533



25.2163, 32.0225, 60.1099

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.



14.1559, 18.1913, 73.1415



27.3380, 18.1913, 4.4533



8.1651, 18.1913, 28.8223

Square

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



27.3380, 18.1913, 4.4533



10.3666, 18.1913, 4.0171



10.0665, 18.1913, 53.4167



26.7637, 18.1913, 55.8164

Rectangle

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



27.3380, 18.1913, 4.4533



16.5721, 18.1913, 1.5980



10.0665, 18.1913, 53.4167



18.0289, 18.1913, 76.3446

Sweetspot

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



27.3384, 18.1923, 4.4536



74.1491, 71.0724, 62.2439



31.9615, 17.0083, 38.1494



15.2843, 14.3881, 12.0511



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.



27.3384, 18.1923, 4.4536



43.4409, 25.5204, 3.0996



36.5172, 36.5500, 7.5132



10.8225, 11.0141, 11.1183



15.7880, 9.0931, 0.9230



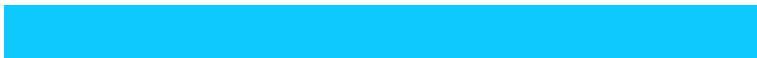
0.8035, 0.5425, 0.0624

Inverse Universe

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



25.2163, 32.0225, 60.1099



39.2679, 49.3560, 102.0648



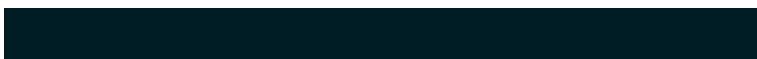
15.1109, 11.8117, 56.7414



10.7384, 11.6508, 13.6004



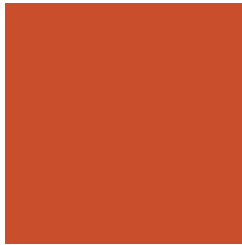
14.1938, 17.7815, 37.4284



0.7230, 0.9438, 1.7892

Previews

White Background



This preview shows how the XYZ color 27.3380, 18.1913, 4.4533 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 27.3380, 18.1913, 4.4533 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 27.3380, 18.1913, 4.4533

Background



This preview shows how black text looks on a background with the XYZ color 27.3380, 18.1913, 4.4533.



This preview shows how white text looks on a background with the XYZ color 27.3380, 18.1913,

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

27.3380, 18.1913, 4.4533

Protanopia

16.8021, 18.3750, 6.2756

Deuteranopia

18.6029, 18.3212, 4.1460



Tritanopia

28.2845, 18.1532, 9.4103

Trichromacy



Original Color

27.3380, 18.1913, 4.4533

Protanomaly

19.4525, 17.3077, 5.4474

Deuteranomaly

21.1520, 17.7721, 4.1493

Tritanomaly

27.9249, 18.1188, 7.1797

Monochromacy



Original Color

27.3380, 18.1913, 4.4533

Achromatopsia

15.1092, 15.8961, 17.3108

Achromatomaly

17.6837, 15.5411, 11.0845

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.3380, 18.1913, 4.4533 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, 79, 44)` looks like.

```
.text, #text, p{  
    color:rgb(201, 79, 44)  
}
```

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, 79, 44) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 79, 44) }
```

Border

The CSS property to change the border of an element to XYZ 27.3380, 18.1913, 4.4533 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, 79, 44) }
```


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

```
.border{ border-color:rgb(201, 79, 44) }
```

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

Here you see how a box with a 4 pixel rgb(201, 79, 44) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 79, 44); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 79, 44);  
box-shadow:4px 4px 4px 4px rgb(201, 79,  
44) }
```

Background

The CSS property to change the background color of an element to XYZ 27.3380, 18.1913, 4.4533 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 79, 44) }
```

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

```
.background{ background-color: rgb(201, 79,  
44) }
```

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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