

Converting Colors

XYZ(26.9857, 17.9478, 4.2996)

Have a look what the booklet for
XYZ(26.9857, 17.9478, 4.2996)
contains.

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Color

**XYZ(26.9799, 17.9026,
4.3190)**

Conversions

Conversions Part 1

Format	Color
Hex	C84E2B
RGB	200, 78, 43
RGB Percent	78%, 31%, 17%
CMY	0.2157, 0.6941, 0.8314
CMYK	0.00, 0.61, 0.78, 0.22
HSL	13°, 65%, 48%
HSV	13°, 78%, 78%
XYZ	26.9799, 17.9026, 4.3190
YIQ	110.4880, 83.9470, 14.9790

Conversions

Conversions Part 2

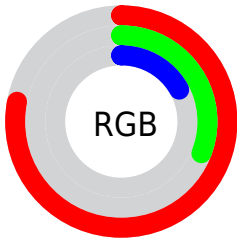
Format	Color
R_{YB}	200, 88, 43
Decimal	13127211
CIE _{Lab}	49.38, 46.80, 44.51
CIE _{LCh}	49, 64.589, 43.564
Yxy	17.9026, 0.5484, 0.3639
Android (android.graphics.Color)	4291317291 (0xFFC84E2B)
YUV	110.4880, -33.2716, 78.5020
Hunter-Lab	42.3115, 39.7754, 23.5659

Details

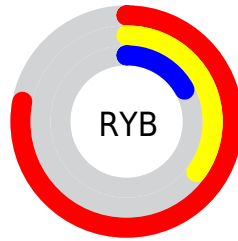
The XYZ color **26.9799, 17.9026, 4.3190** is a dark color, and the websafe version is hex **CC6633**. The color can be described as dark muted red. A complement of this color would be **24.8753, 31.5912, 59.4299**, and the grayscale version is **15.0381, 15.8213, 17.2294**.

A 20% lighter version of the original color is **51.2446, 38.2479, 14.5792**, and **10.9156, 6.0253, 0.5877** is the 20% darker color. If you saturate the color by 10%, you get **25.7221, 15.8375, 2.5119**, and if you desaturate by 10%, it is **28.6792, 20.5635, 7.1603**.

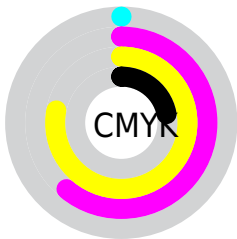
Distribution



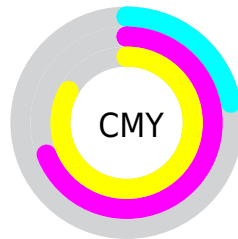
- Red (78%)
- Green (31%)
- Blue (17%)



- Red (78%)
- Yellow (35%)
- Blue (17%)



- Cyan (0%)
- Magenta (61%)
- Yellow (78%)
- Black (22%)





- Cyan (22%)
- Magenta (69%)
- Yellow (83%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 26.9799, 17.9026, 4.3190 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 26.9799, 17.9026, 4.3190 by changing the saturation by 10% instead.


 26.9799, 17.9026,
4.3190


 26.9799, 17.9026,
4.3190


279.7291,
240.3215, 151.7077

 17.6946, 10.8801,
1.8019


 54.2717, 39.8713,
14.7390


 10.8293, 5.9863,
0.4292


 73.0090, 55.5862,
23.4791

 6.0186, 2.8367,
0.0000


 95.6277, 74.9675,
35.1305

 2.8972, 1.0471,
0.0000

 122.4931, 98.3994,
50.1119

 1.0996, 0.0000,
0.0000

 153.9705,
126.2663, 68.8418

 0.0248, 0.0000,
0.0000

 190.4255,

 0.0000, 0.0000,

158.9527, 91.7387

0.0000

232.2232,
196.8430, 119.2211

■ 26.9799, 17.9026,
4.3190

■ 26.9799, 17.9026,
4.3190

■ 25.7221, 15.8375,
2.5119

■ 28.6792, 20.5635,
7.1603

■ 24.8493, 14.3131,
1.5392

■ 30.8588, 23.8601,
11.1628

■ 24.7423, 14.1253,
1.4224

■ 33.5543, 27.8321,
16.4357

■ 36.7974, 32.5151,
23.0757

■ 40.6171, 37.9422,
31.1696

■ 45.0404, 44.1442,
40.7973

■ 50.0925, 51.1501,
52.0327

■ 55.7971, 58.9878,
64.9451

■ 62.1767, 67.6833,
79.5993

Harmonies

Analogous

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



31.1121, 17.9026, 12.6431



26.9799, 17.9026, 4.3190



20.5458, 17.9026, 1.7812

Triad

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



26.9799, 17.9026, 4.3190



8.0801, 17.9026, 11.4658



19.9100, 17.9026, 73.5797

Complementary

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



26.9799, 17.9026, 4.3190



24.8753, 31.5912, 59.4299

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.



13.9154, 17.9026, 72.5307



26.9799, 17.9026, 4.3190



7.9880, 17.9026, 28.4547

Square

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



26.9799, 17.9026, 4.3190



10.1592, 17.9026, 3.8985



9.8679, 17.9026, 52.9047



26.4198, 17.9026, 55.2499

Rectangle

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



26.9799, 17.9026, 4.3190



16.2990, 17.9026, 1.5295



9.8679, 17.9026, 52.9047



17.7535, 17.9026, 75.7085

Sweetspot

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



26.9803, 17.9036, 4.3193



73.3762, 69.9882, 60.5630



31.5646, 16.7597, 37.6396



15.1350, 14.1778, 11.7293



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.



26.9803, 17.9036, 4.3193



43.4410, 25.5206, 3.0996



36.0628, 36.0687, 7.3468



10.8225, 11.0142, 11.1183



15.7880, 9.0931, 0.9230



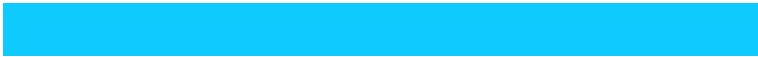
0.8035, 0.5425, 0.0624

Inverse Universe

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



24.8753, 31.5912, 59.4299



39.2675, 49.3553, 102.0647



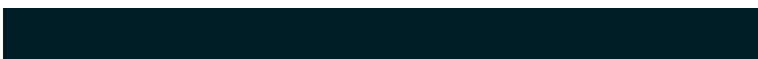
14.8690, 11.5787, 56.0945



10.7384, 11.6508, 13.6004



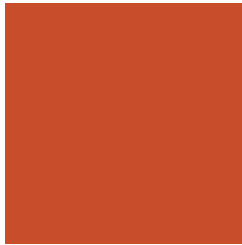
14.1937, 17.7812, 37.4284



0.7230, 0.9438, 1.7892

Previews

White Background



This preview shows how the XYZ color 26.9799, 17.9026, 4.3190 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



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 26.9799, 17.9026, 4.3190

Background



This preview shows how black text looks on a background with the XYZ color 26.9799, 17.9026, 4.3190.



This preview shows how white text looks on a background with the XYZ color 26.9799, 17.9026,

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

26.9799, 17.9026, 4.3190

Protanopia

16.5044, 18.0485, 6.1039

Deuteranopia

18.2814, 17.9940, 3.9485



Tritanopia

27.9113, 17.8651, 9.1850

Trichromacy



Original Color

26.9799, 17.9026, 4.3190

Protanomaly

19.1363, 16.9987, 5.2901

Deuteranomaly

20.8275, 17.4634, 4.0233

Tritanomaly

27.5576, 17.8313, 6.9904

Monochromacy



Original Color

26.9799, 17.9026, 4.3190

Achromatopsia

14.8208, 15.5926, 16.9804

Achromatomaly

17.3751, 15.2469, 10.8313

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.9799, 17.9026, 4.3190 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(200, 78, 43)` looks like.

```
.text, #text, p{  
    color:rgb(200, 78, 43)  
}
```

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(200, 78, 43) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 78, 43) }
```

Border

The CSS property to change the border of an element to XYZ 26.9799, 17.9026, 4.3190 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(200, 78, 43) }
```


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

```
.border{ border-color:rgb(200, 78, 43) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 78, 43)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 78, 43); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 78, 43);  
box-shadow:4px 4px 4px 4px rgb(200, 78,  
43) }
```

Background

The CSS property to change the background color of an element to XYZ 26.9799, 17.9026, 4.3190 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 78, 43) }
```

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

```
.background{ background-color: rgb(200, 78,  
43) }
```

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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