

Converting Colors

XYZ(26.8804, 17.8217, 2.0238)

Have a look what the booklet for
XYZ(26.8804, 17.8217, 2.0238)
contains.

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Color

**XYZ(26.7413, 17.7253,
2.0119)**

Conversions

Conversions Part 1

Format	Color
Hex	C94D00
RGB	201, 77, 0
RGB Percent	79%, 30%, 0%
CMY	0.2118, 0.6980, 1.0000
CMYK	0.00, 0.62, 1.00, 0.21
HSL	23°, 100%, 39%
HSV	23°, 100%, 79%
XYZ	26.7413, 17.7253, 2.0119
YIQ	105.2980, 98.6210, 2.3410

Conversions

Conversions Part 2

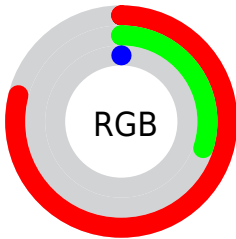
Format	Color
RYB	201, 125, 0
Decimal	13192448
CIELab	49.16, 46.76, 59.47
CIElCh	49, 75.656, 51.822
Yxy	17.7253, 0.5753, 0.3814
Android (android.graphics.Color)	4291382528 (0xFFC94D00)
YUV	105.2980, -51.9119, 83.9307
Hunter-Lab	42.1014, 39.6992, 26.6377

Details

The XYZ color **26.7413, 17.7253, 2.0119** is a dark color, and the websafe version is hex **CC3300**. The color can be described as dark washed red. A complement of this color would be **17.7496, 18.6310, 57.9186**, and the grayscale version is **13.6269, 14.3366, 15.6126**.

A 20% lighter version of the original color is **50.0382, 37.5515, 8.8858**, and **10.7314, 5.9036, 0.5739** is the 20% darker color. If you saturate the color by 10%, you get **26.7415, 17.7260, 2.0120**, and if you desaturate by 10%, it is **27.8208, 19.6811, 2.9992**.

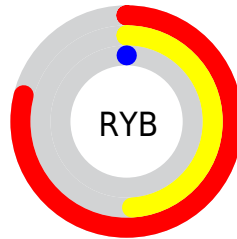
Distribution



Red (79%)

Green (30%)

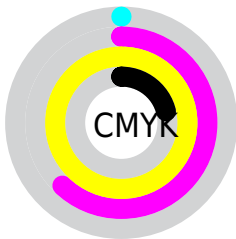
Blue (0%)



Red (79%)

Yellow (49%)

Blue (0%)

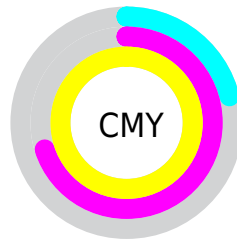


Cyan (0%)

Magenta (62%)

Yellow (100%)

Black (21%)



Cyan (21%)

Magenta (70%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.7413, 17.7253, 2.0119 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 26.7413, 17.7253, 2.0119 by changing the saturation by 10% instead.

■ 26.7413, 17.7253,
2.0119

■ 26.7413, 17.7253,
2.0119

■ 278.5928,
239.3181, 122.5613

■ 17.5146, 10.7529,
0.5626

■ 53.8913, 39.5687,
9.0733

■ 10.6996, 5.9010,
0.0000

■ 72.5453, 55.2085,
15.5757

■ 5.9310, 2.7850,
0.0000

■ 95.0724, 74.5063,
24.6172

■ 2.8435, 1.0205,
0.0000

■ 121.8381, 97.8464,
36.6165

■ 1.0715, 0.0000,
0.0000

■ 153.2076,
125.6132, 51.9919


■ 0.0011, 0.0000,
0.0000


■ 189.5463,


■ 0.0000, 0.0000,


158.1912, 71.1622


0.0000


 231.2196,
195.9647, 94.5458


 26.7413, 17.7253,
2.0119


 26.7413, 17.7253,
2.0119


 26.7415, 17.7260,
2.0120

 27.8208, 19.6811,
2.9992

 29.2061, 22.0368,
4.7399

 30.9515, 24.8281,
7.4781

 33.0886, 28.0796,
11.3437

 35.6452, 31.8139,
16.4467

■ 38.6459, 36.0517,
22.8836

■ 42.1132, 40.8123,
30.7416

■ 46.0680, 46.1139,
40.1000

■ 50.5299, 51.9739,
51.0326

Harmonies

Analogous

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



32.9100, 17.7253, 8.1316



26.7413, 17.7253, 2.0119



18.8592, 17.7253, 0.6903

Triad

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



26.7413, 17.7253, 2.0119



6.6452, 17.7253, 14.2678



22.4317, 17.7253, 82.8401

Complementary

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



26.7413, 17.7253, 2.0119



17.7496, 18.6310, 57.9186

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.



14.9840, 17.7253, 89.3346



26.7413, 17.7253, 2.0119



7.1057, 17.7253, 37.7242

Square

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



26.7413, 17.7253, 2.0119



8.2515, 17.7253, 3.8393



9.7556, 17.7253, 69.0378



29.9755, 17.7253, 54.8234

Rectangle

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



26.7413, 17.7253, 2.0119



14.2093, 17.7253, 0.7487



9.7556, 17.7253, 69.0378



19.7933, 17.7253, 88.1443

Sweetspot

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



26.7417, 17.7263, 2.0122



71.8354, 69.5128, 52.0144



27.9377, 13.9577, 21.4032



14.8143, 14.1124, 9.8462



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.



26.7417, 17.7263, 2.0122



45.5792, 29.9383, 3.3764



39.2619, 42.7668, 6.1856



10.9614, 11.2920, 11.1646



16.8965, 11.3102, 1.2925



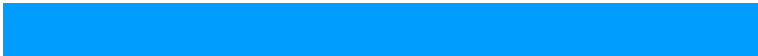
0.8699, 0.6752, 0.0845

Inverse Universe

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



17.7496, 18.6310, 57.9186



30.1587, 31.4374, 99.0862



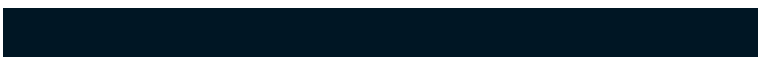
10.9300, 4.9919, 55.6454



10.5923, 11.3586, 13.5516



11.2510, 11.8960, 36.4475



0.6012, 0.7002, 1.7486

Previews

White Background



This preview shows how the XYZ color 26.7413, 17.7253, 2.0119 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 26.7413, 17.7253, 2.0119 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 26.7413, 17.7253, 2.0119

Background



This preview shows how black text looks on a background with the XYZ color 26.7413, 17.7253, 2.0119.



This preview shows how white text looks on a background with the XYZ color 26.7413, 17.7253,

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

26.7413, 17.7253, 2.0119

Protanopia

16.1204, 17.9129, 3.2697

Deuteranopia

18.0069, 17.8842, 2.5029



Tritanopia

28.2505, 17.8530, 8.7945

Trichromacy



Original Color

26.7413, 17.7253, 2.0119

Protanomaly

18.8275, 16.8977, 2.6500

Deuteranomaly

20.3982, 17.1392, 2.2331

Tritanomaly

27.3394, 17.6675, 4.7655

Monochromacy



Original Color

26.7413, 17.7253, 2.0119

Achromatopsia

13.4271, 14.1263, 15.3836

Achromatomaly

15.9205, 14.1651, 7.2052

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.7413, 17.7253, 2.0119 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, 77, 0)` looks like.

```
.text, #text, p{  
    color:rgb(201, 77, 0)  
}
```

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, 77, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 77, 0) }
```

Border

The CSS property to change the border of an element to XYZ 26.7413, 17.7253, 2.0119 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, 77, 0) }
```


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

```
.border{ border-color:rgb(201, 77, 0) }
```

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

Here you see how a box with a 4 pixel rgb(201, 77, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 77, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 77, 0);  
box-shadow:4px 4px 4px 4px rgb(201, 77, 0)  
}
```

Background

The CSS property to change the background color of an element to XYZ 26.7413, 17.7253, 2.0119 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 77, 0) }
```

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

```
.background{ background-color: rgb(201, 77,  
0) }
```

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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