

Converting Colors

XYZ(26.8415, 17.7236, 2.0795)

Have a look what the booklet for
XYZ(26.8415, 17.7236, 2.0795)
contains.

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Color

**XYZ(26.7577, 17.7318,
2.0984)**

Conversions

Conversions Part 1

Format	Color
Hex	C94D03
RGB	201, 77, 3
RGB Percent	79%, 30%, 1%
CMY	0.2118, 0.6980, 0.9882
CMYK	0.00, 0.62, 0.99, 0.21
HSL	22°, 97%, 40%
HSV	22°, 99%, 79%
XYZ	26.7577, 17.7318, 2.0984
YIQ	105.6400, 97.6580, 3.2740

Conversions

Conversions Part 2

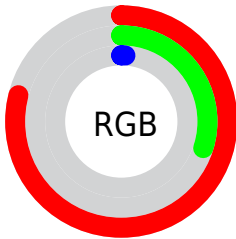
Format	Color
RYB	201, 121, 3
Decimal	13192451
CIELab	49.17, 46.80, 58.74
CIELCh	49, 75.101, 51.456
Yxy	17.7318, 0.5743, 0.3806
Android (android.graphics.Color)	4291382531 (0xFFC94D03)
YUV	105.6400, -50.6015, 83.6307
Hunter-Lab	42.1091, 39.7345, 26.5218

Details

The XYZ color **26.7577, 17.7318, 2.0984** 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 **18.1687, 19.4136, 58.0475**, and the grayscale version is **13.7171, 14.4315, 15.7159**.

A 20% lighter version of the original color is **50.0921, 37.5731, 9.1696**, and **10.8976, 5.9893, 0.5817** is the 20% darker color. If you saturate the color by 10%, you get **26.6120, 17.4669, 1.9688**, and if you desaturate by 10%, it is **27.8650, 19.7239, 3.1544**.

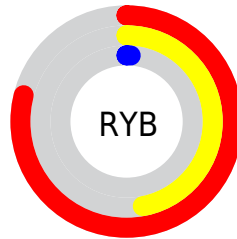
Distribution



Red (79%)

Green (30%)

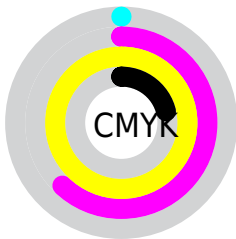
Blue (1%)



Red (79%)

Yellow (47%)

Blue (1%)

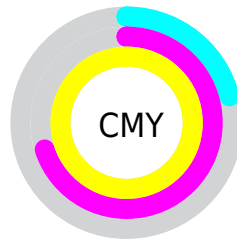


Cyan (0%)

Magenta (62%)

Yellow (99%)

Black (21%)



Cyan (21%)

Magenta (70%)

Yellow (99%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.7577, 17.7318, 2.0984 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 26.7577, 17.7318, 2.0984 by changing the saturation by 10% instead.

■ 26.7577, 17.7318,
2.0984

■ 26.7577, 17.7318,
2.0984

278.6710,
239.3550, 123.8865

■ 17.5270, 10.7576,
0.6148

■ 53.9174, 39.5798,
9.3081

■ 10.7085, 5.9041,
0.0000

■ 72.5772, 55.2224,
15.9118

■ 5.9370, 2.7868,
0.0000

■ 95.1106, 74.5232,
25.0729

■ 2.8471, 1.0215,
0.0000

■ 121.8831, 97.8667,
37.2097

■ 1.0734, 0.0000,
0.0000

■ 153.2601,
125.6372, 52.7410


■ 0.0027, 0.0000,
0.0000


■ 189.6068,


■ 0.0000, 0.0000,


158.2192, 72.0852


0.0000


 231.2887,
195.9970, 95.6608


 26.7577, 17.7318,
2.0984


 26.7577, 17.7318,
2.0984


 26.6120, 17.4669,
1.9688

 27.8650, 19.7239,
3.1544

 29.2963, 22.1319,
5.0328

 31.0973, 24.9886,
7.9313

 33.2996, 28.3191,
11.9763

 35.9305, 32.1465,
17.2756

■ 39.0147, 36.4917,
23.9243

■ 42.5749, 41.3747,
32.0084

■ 46.6319, 46.8141,
41.6064

■ 51.2055, 52.8276,
52.7913

Harmonies

Analogous

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



32.8246, 17.7318, 8.3258



26.7577, 17.7318, 2.0984



18.9426, 17.7318, 0.7346

Triad

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



26.7577, 17.7318, 2.0984



6.7086, 17.7318, 14.1078



22.2976, 17.7318, 82.3989

Complementary

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



26.7577, 17.7318, 2.0984



18.1687, 19.4136, 58.0475

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.



14.9240, 17.7318, 88.4713



26.7577, 17.7318, 2.0984



7.1435, 17.7318, 37.2127

Square

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



26.7577, 17.7318, 2.0984



8.3376, 17.7318, 3.8360



9.7558, 17.7318, 68.1739



29.7912, 17.7318, 54.8713

Rectangle

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



26.7577, 17.7318, 2.0984



14.3087, 17.7318, 0.7809



9.7558, 17.7318, 68.1739



19.6836, 17.7318, 87.5318

Sweetspot

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



26.7581, 17.7328, 2.0987



71.6617, 69.1654, 51.9565



28.0425, 14.0517, 21.7948



14.7736, 14.0312, 9.8327



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.



26.7581, 17.7328, 2.0987



45.3603, 29.5006, 3.3034



39.3558, 42.9284, 6.2979



10.9532, 11.2756, 11.1619



16.8140, 11.1451, 1.2650



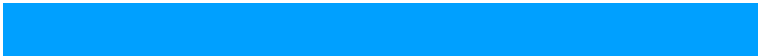
0.8655, 0.6664, 0.0830

Inverse Universe

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



18.1687, 19.4136, 58.0475



30.5669, 32.2538, 99.2223



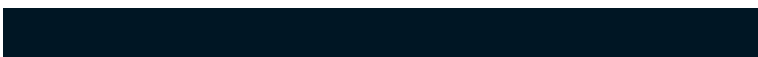
11.0294, 5.1349, 55.6678



10.6007, 11.3755, 13.5545



11.3999, 12.1938, 36.4971



0.6076, 0.7131, 1.7508

Previews

White Background



This preview shows how the XYZ color 26.7577, 17.7318, 2.0984 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 26.7577, 17.7318, 2.0984 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 26.7577, 17.7318, 2.0984

Background



This preview shows how black text looks on a background with the XYZ color 26.7577, 17.7318, 2.0984.



This preview shows how white text looks on a background with the XYZ color 26.7577, 17.7318,

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

26.7577, 17.7318, 2.0984

Protanopia

16.1204, 17.9129, 3.2697

Deuteranopia

18.0069, 17.8842, 2.5029



Tritanopia

28.2505, 17.8530, 8.7945

Trichromacy



Original Color

26.7577, 17.7318, 2.0984

Protanomaly

18.8341, 16.9003, 2.6849

Deuteranomaly

20.4037, 17.1414, 2.2619

Tritanomaly

27.3603, 17.6759, 4.8755

Monochromacy



Original Color

26.7577, 17.7318, 2.0984

Achromatopsia

13.6994, 14.4128, 15.6956

Achromatomaly

16.1509, 14.2768, 7.5347

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.7577, 17.7318, 2.0984 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, 3)` looks like.

```
.text, #text, p{  
    color:rgb(201, 77, 3)  
}
```

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, 3) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 77, 3) }
```

Border

The CSS property to change the border of an element to XYZ 26.7577, 17.7318, 2.0984 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, 3) }
```


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

```
.border{ border-color:rgb(201, 77, 3) }
```

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, 3) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 77, 3); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 77, 3);  
box-shadow:4px 4px 4px 4px rgb(201, 77, 3)  
}
```

Background

The CSS property to change the background color of an element to XYZ 26.7577, 17.7318, 2.0984 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, 3) }
```

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

```
.background{ background-color: rgb(201, 77,  
3) }
```

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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