

Converting Colors

XYZ(26.3730, 17.0239, 1.8959)

Have a look what the booklet for
XYZ(26.3730, 17.0239, 1.8959)
contains.

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Color

**XYZ(26.4048, 17.0522,
1.8997)**

Conversions

Conversions Part 1

Format	Color
Hex	C94800
RGB	201, 72, 0
RGB Percent	79%, 28%, 0%
CMY	0.2118, 0.7176, 1.0000
CMYK	0.00, 0.64, 1.00, 0.21
HSL	21°, 100%, 39%
HSV	21°, 100%, 79%
XYZ	26.4048, 17.0522, 1.8997
YIQ	102.3630, 99.9960, 4.9560

Conversions

Conversions Part 2

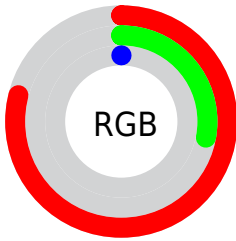
Format	Color
RYB	201, 112, 0
Decimal	13191168
CIELab	48.33, 48.98, 59.03
CIElCh	48, 76.710, 50.315
Yxy	17.0522, 0.5822, 0.3760
Android (android.graphics.Color)	4291381248 (0xFFC94800)
YUV	102.3630, -50.4650, 86.5046
Hunter-Lab	41.2943, 41.8731, 26.1784

Details

The XYZ color **26.4048, 17.0522, 1.8997** 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 **18.3921, 19.9161, 58.1329**, and the grayscale version is **12.8351, 13.5035, 14.7054**.

A 20% lighter version of the original color is **49.4903, 36.4975, 8.5740**, and **10.5789, 5.5986, 0.5231** is the 20% darker color. If you saturate the color by 10%, you get **26.4050, 17.0530, 1.8999**, and if you desaturate by 10%, it is **27.4557, 18.9507, 2.8774**.

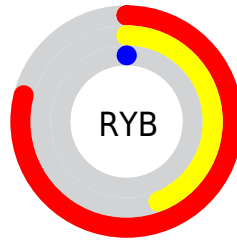
Distribution



Red (79%)

Green (28%)

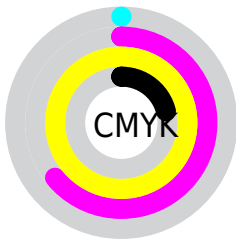
Blue (0%)



Red (79%)

Yellow (44%)

Blue (0%)

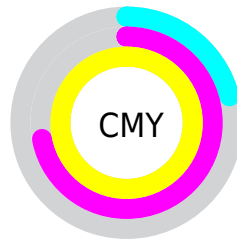


Cyan (0%)

Magenta (64%)

Yellow (100%)

Black (21%)



Cyan (21%)


Magenta (72%)


Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 26.4048, 17.0522, 1.8997 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 26.4048, 17.0522, 1.8997 by changing the saturation by 10% instead.


 26.4048, 17.0522,
1.8997


 26.4048, 17.0522,
1.8997


 276.9840,
235.4730, 120.7994


 17.2610, 10.2717,
0.4925


 53.3539, 38.4155,
8.7647


 10.5172, 5.5795,
0.0000


 71.8900, 53.7671,
15.1324


 5.8081, 2.5911,
0.0000

 94.2874, 72.7446,
24.0150

 2.7683, 0.9222,
0.0000

 120.9117, 95.7322,
35.8309


 1.0324, 0.0000,
0.0000


 152.1282,
123.1145, 50.9988


 0.0000, 0.0000,
0.0000


 188.3021,


155.2758, 69.9371


 229.7989,
192.6005, 93.0645


 26.4048, 17.0522,
1.8997


 26.4048, 17.0522,
1.8997

 26.4050, 17.0530,
1.8999

 27.4557, 18.9507,
2.8774

 28.8233, 21.2712,
4.6122

 30.5633, 24.0517,
7.3486

 32.7084, 27.3192,
11.2168

 35.2873, 31.0981,
16.3272

■ 38.3256, 35.4111,
22.7766

■ 41.8467, 40.2793,
30.6525

■ 45.8723, 45.7226,
40.0345

■ 50.4228, 51.7596,
50.9966

Harmonies

Analogous

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



32.3795, 17.0522, 8.1461



26.4048, 17.0522, 1.8997



18.5777, 17.0522, 0.5386

Triad

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



26.4048, 17.0522, 1.8997



6.2347, 17.0522, 12.8105



21.3410, 17.0522, 83.1996

Complementary

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



26.4048, 17.0522, 1.8997



18.3921, 19.9161, 58.1329

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.



14.0482, 17.0522, 88.3224



26.4048, 17.0522, 1.8997



6.5822, 17.0522, 35.4117

Square

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



26.4048, 17.0522, 1.8997



7.9029, 17.0522, 3.2315



9.0457, 17.0522, 66.7973



28.9207, 17.0522, 55.6343

Rectangle

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



26.4048, 17.0522, 1.8997



13.9162, 17.0522, 0.5488



9.0457, 17.0522, 66.7973



18.7377, 17.0522, 88.1145

Sweetspot

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



26.4052, 17.0532, 1.9000



71.3747, 68.5915, 51.8608



28.1604, 14.0467, 22.5759



14.7066, 13.8971, 9.8104



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.



26.4052, 17.0532, 1.9000



45.0112, 28.8024, 3.1871



38.6219, 41.4867, 5.9722



10.9396, 11.2484, 11.1573



16.6818, 10.8809, 1.2210



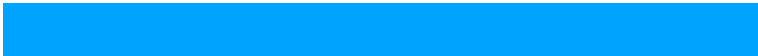
0.8584, 0.6522, 0.0806

Inverse Universe

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



18.3921, 19.9161, 58.1329



31.2627, 33.6454, 99.4542



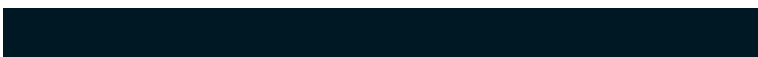
11.0107, 5.1533, 55.6724



10.6148, 11.4036, 13.5591



11.6534, 12.7008, 36.5817



0.6185, 0.7348, 1.7544

Previews

White Background



This preview shows how the XYZ color 26.4048, 17.0522, 1.8997 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 26.4048, 17.0522, 1.8997 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 26.4048, 17.0522, 1.8997

Background



This preview shows how black text looks on a background with the XYZ color 26.4048, 17.0522, 1.8997.



This preview shows how white text looks on a background with the XYZ color 26.4048, 17.0522,

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

26.4048, 17.0522, 1.8997

Protanopia

15.5867, 17.2908, 3.2254

Deuteranopia

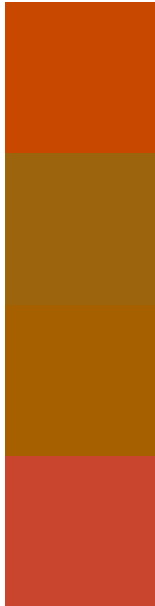
17.4300, 17.2629, 2.4134



Tritanopia

27.5016, 17.0258, 7.7980

Trichromacy



Original Color

26.4048, 17.0522, 1.8997

Protanomaly

18.3401, 16.2113, 2.5432

Deuteranomaly

19.9088, 16.4727, 2.1302

Tritanomaly

26.9589, 17.0023, 4.3435

Monochromacy



Original Color

26.4048, 17.0522, 1.8997

Achromatopsia

12.6291, 13.2868, 14.4694

Achromatomaly

15.1765, 13.2671, 6.7619

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.4048, 17.0522, 1.8997 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, 72, 0)` looks like.

```
.text, #text, p{  
    color:rgb(201, 72, 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, 72, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 72, 0) }
```

Border

The CSS property to change the border of an element to XYZ 26.4048, 17.0522, 1.8997 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, 72, 0) }
```


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

```
.border{ border-color:rgb(201, 72, 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, 72, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 72, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 72, 0);  
box-shadow:4px 4px 4px 4px rgb(201, 72, 0)  
}
```

Background

The CSS property to change the background color of an element to XYZ 26.4048, 17.0522, 1.8997 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 72, 0) }
```

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

```
.background{ background-color: rgb(201, 72,  
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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