

Converting Colors

XYZ(26.1392, 17.3536, 1.9719)

Have a look what the booklet for
XYZ(26.1392, 17.3536, 1.9719)
contains.

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Color

**XYZ(26.1376, 17.3110,
1.9638)**

Conversions

Conversions Part 1

Format	Color
Hex	C74C00
RGB	199, 76, 0
RGB Percent	78%, 30%, 0%
CMY	0.2196, 0.7019, 1.0000
CMYK	0.00, 0.62, 1.00, 0.22
HSL	23°, 100%, 39%
HSV	23°, 100%, 78%
XYZ	26.1376, 17.3110, 1.9638
YIQ	104.1130, 97.7040, 2.4400

Conversions

Conversions Part 2

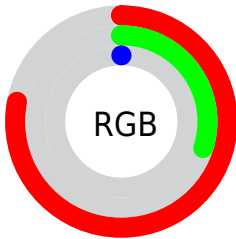
Format	Color
RYB	199, 123, 0
Decimal	13061120
CIELab	48.65, 46.48, 59.02
CIElCh	49, 75.124, 51.773
Yxy	17.3110, 0.5756, 0.3812
Android (android.graphics.Color)	4291251200 (0xFFC74C00)
YUV	104.1130, -51.3277, 83.2159
Hunter-Lab	41.6065, 39.3241, 26.3261

Details

The XYZ color **26.1376, 17.3110, 1.9638** 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 **17.3912, 18.2885, 56.6457**, and the grayscale version is **13.3042, 13.9971, 15.2428**.

A 20% lighter version of the original color is **49.9059, 37.2868, 8.8417**, and **10.5494, 5.7841, 0.5604** is the 20% darker color. If you saturate the color by 10%, you get **26.1377, 17.3115, 1.9639**, and if you desaturate by 10%, it is **27.1934, 19.2222, 2.9344**.

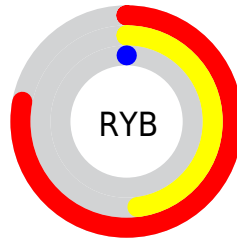
Distribution



Red (78%)

Green (30%)

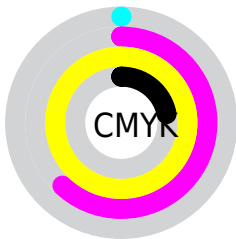
Blue (0%)



Red (78%)

Yellow (48%)

Blue (0%)

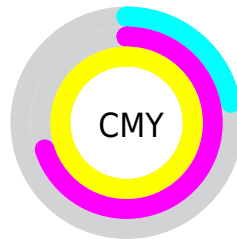


Cyan (0%)

Magenta (62%)

Yellow (100%)

Black (22%)



Cyan (22%)


Magenta (70%)


Yellow (100%)


Brightness & Saturation Gradients


These gradients show how the XYZ color 26.1376, 17.3110, 1.9638 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 26.1376, 17.3110, 1.9638 by changing the saturation by 10% instead.

 26.1376, 17.3110,
1.9638


 26.1376, 17.3110,
1.9638


 275.7012,
236.9583, 121.8121


 17.0598, 10.4565,
0.5329


 52.9266, 38.8597,
8.9416


 10.3727, 5.7027,
0.0000


 71.3685, 54.3227,
15.3867


 5.7109, 2.6651,
0.0000

 93.6625, 73.4240,
24.3606

 2.7091, 0.9595,
0.0000

 120.1739, 96.5479,
36.2820


 1.0019, 0.0000,
0.0000


 151.2681,
124.0789, 51.5693


 0.0000, 0.0000,
0.0000


 187.3105,


156.4014, 70.6410


 228.6664,
193.8997, 93.9158


 26.1376, 17.3110,
1.9638


 26.1376, 17.3110,
1.9638


 26.1377, 17.3115,
1.9639

 27.1934, 19.2222,
2.9344

 28.5482, 21.5251,
4.6402

 30.2555, 24.2545,
7.3211

 32.3460, 27.4347,
11.1037

 34.8469, 31.0878,
16.0952

■ 37.7823, 35.2340,
22.3899

■ 41.1741, 39.8923,
30.0728

■ 45.0428, 45.0805,
39.2214

■ 49.4075, 50.8156,
49.9075

Harmonies

Analogous

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



32.1633, 17.3110, 7.9518



26.1376, 17.3110, 1.9638



18.4321, 17.3110, 0.6661

Triad

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



26.1376, 17.3110, 1.9638



6.4849, 17.3110, 13.9045



21.8997, 17.3110, 81.0130

Complementary

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



26.1376, 17.3110, 1.9638



17.3912, 18.2885, 56.6457

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.



14.6220, 17.3110, 87.3206



26.1376, 17.3110, 1.9638



6.9315, 17.3110, 36.8139

Square

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



26.1376, 17.3110, 1.9638



8.0575, 17.3110, 3.7343



9.5167, 17.3110, 67.4355



29.2774, 17.3110, 53.6321

Rectangle

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



26.1376, 17.3110, 1.9638



13.8850, 17.3110, 0.7226



9.5167, 17.3110, 67.4355



19.3209, 17.3110, 86.1873

Sweetspot

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



26.1380, 17.3120, 1.9641



71.8134, 69.4689, 52.0070



27.3211, 13.6494, 20.9450



14.8091, 14.1021, 9.8445



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.



26.1380, 17.3120, 1.9641



45.5512, 29.8823, 3.3671



38.3944, 41.8250, 6.0496



10.9604, 11.2899, 11.1643



16.8860, 11.2891, 1.2890



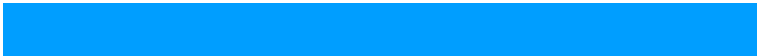
0.8693, 0.6740, 0.0843

Inverse Universe

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



17.3912, 18.2885, 56.6457



30.2098, 31.5396, 99.1033



10.6902, 4.8863, 54.4120



10.5933, 11.3607, 13.5520



11.2697, 11.9333, 36.4537



0.6020, 0.7019, 1.7489

Previews

White Background



This preview shows how the XYZ color 26.1376, 17.3110, 1.9638 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 26.1376, 17.3110, 1.9638 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 26.1376, 17.3110, 1.9638

Background



This preview shows how black text looks on a background with the XYZ color 26.1376, 17.3110, 1.9638.



This preview shows how white text looks on a background with the XYZ color 26.1376, 17.3110,

1.9638.

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

26.1376, 17.3110, 1.9638

Protanopia

15.8476, 17.5984, 3.2234

Deuteranopia

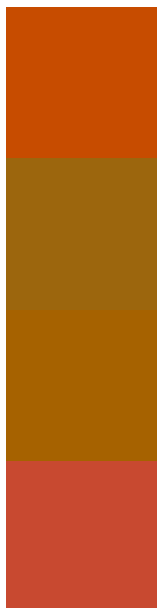
17.6086, 17.3549, 2.4218



Tritanopia

27.6106, 17.4320, 8.5661

Trichromacy



Original Color

26.1376, 17.3110, 1.9638

Protanomaly

18.5343, 16.5997, 2.6080

Deuteranomaly

20.0936, 16.8424, 2.1919

Tritanomaly

26.7355, 17.2578, 4.7183

Monochromacy



Original Color

26.1376, 17.3110, 1.9638

Achromatopsia

13.1579, 13.8432, 15.0752

Achromatomaly

15.6335, 13.8877, 7.0109

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.1376, 17.3110, 1.9638 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(199, 76, 0)` looks like.

```
.text, #text, p{  
    color:rgb(199, 76, 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(199, 76, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 76, 0) }
```

Border

The CSS property to change the border of an element to XYZ 26.1376, 17.3110, 1.9638 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(199, 76, 0) }
```


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

```
.border{ border-color:rgb(199, 76, 0) }
```

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

Here you see how a box with a 4 pixel rgb(199, 76, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 76, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 76, 0);  
box-shadow:4px 4px 4px 4px rgb(199, 76, 0)  
}
```

Background

The CSS property to change the background color of an element to XYZ 26.1376, 17.3110, 1.9638 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 76, 0) }
```

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

```
.background{ background-color: rgb(199, 76,  
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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