

Converting Colors

XYZ(26.3782, 17.6562, 2.5864)

Have a look what the booklet for
XYZ(26.3782, 17.6562, 2.5864)
contains.

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Color

**XYZ(26.3868, 17.6346,
2.5853)**

Conversions

Conversions Part 1

Format	Color
Hex	C74E12
RGB	199, 78, 18
RGB Percent	78%, 31%, 7%
CMY	0.2196, 0.6941, 0.9294
CMYK	0.00, 0.61, 0.91, 0.22
HSL	20°, 83%, 43%
HSV	20°, 91%, 78%
XYZ	26.3868, 17.6346, 2.5853
YIQ	107.3390, 91.3760, 6.9920

Conversions

Conversions Part 2

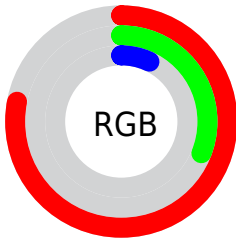
Format	Color
R _Y B	199, 108, 18
Decimal	13061650
CIE Lab	49.05, 45.79, 54.67
CIE LCh	49, 71.313, 50.052
Yxy	17.6346, 0.5662, 0.3784
Android (android.graphics.Color)	4291251730 (0xFFC74E12)
YUV	107.3390, -44.0441, 80.3867
Hunter-Lab	41.9936, 38.6723, 25.7454

Details

The XYZ color **26.3868, 17.6346, 2.5853** 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 **19.7898, 22.7153, 57.3740**, and the grayscale version is **14.1710, 14.9090, 16.2359**.

A 20% lighter version of the original color is **50.4618, 37.9348, 10.4569**, and **10.6034, 5.8922, 0.5784** is the 20% darker color. If you saturate the color by 10%, you get **25.4998, 16.0355, 1.7512**, and if you desaturate by 10%, it is **27.6690, 19.8167, 4.1921**.

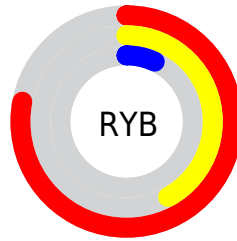
Distribution



Red (78%)

Green (31%)

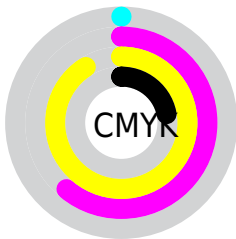
Blue (7%)



Red (78%)

Yellow (42%)

Blue (7%)

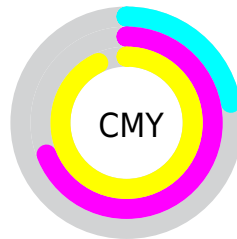


Cyan (0%)

Magenta (61%)

Yellow (91%)

Black (22%)



Cyan (22%)


Magenta (69%)


Yellow (93%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 26.3868, 17.6346, 2.5853 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 26.3868, 17.6346, 2.5853 by changing the saturation by 10% instead.


 26.3868, 17.6346,
2.5853


 26.3868, 17.6346,
2.5853


276.8977,
238.8033, 130.8897


 17.2474, 10.6880,
0.8849


 53.3252, 39.4137,
10.5868


 10.5075, 5.8574,
0.0000


 71.8549, 55.0150,
17.7270


 5.8015, 2.7586,
0.0000

 94.2454, 74.2699,
27.5183

 2.7643, 1.0070,
0.0000

 120.8621, 97.5629,
40.3792

 1.0304, 0.0000,
0.0000


 152.0703,
125.2783, 56.7283


 0.0000, 0.0000,
0.0000


 188.2354,


157.8006, 76.9840


 229.7228,
195.5141, 101.5650


 26.3868, 17.6346,
2.5853


 26.3868, 17.6346,
2.5853


 25.4998, 16.0355,
1.7512

 27.6690, 19.8167,
4.1921

 29.3239, 22.4700,
6.7681

 31.3860, 25.6248,
10.4436

 33.8845, 29.3076,
15.3278

 36.8457, 33.5427,
21.5169

■ 40.2939, 38.3530,
29.0972

■ 44.2512, 43.7599,
38.1474

■ 48.7384, 49.7834,
48.7405

■ 53.7752, 56.4429,
60.9443

Harmonies

Analogous

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



31.8738, 17.6346, 9.1815



26.3868, 17.6346, 2.5853



19.0689, 17.6346, 1.0022

Triad

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



26.3868, 17.6346, 2.5853



7.0566, 17.6346, 13.5435



21.5398, 17.6346, 78.2500

Complementary

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



26.3868, 17.6346, 2.5853



19.7898, 22.7153, 57.3740

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.



14.6476, 17.6346, 82.5878



26.3868, 17.6346, 2.5853



7.3892, 17.6346, 34.6967

Square

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



26.3868, 17.6346, 2.5853



8.7442, 17.6346, 3.9784



9.8175, 17.6346, 63.1918



28.6016, 17.6346, 53.6266

Rectangle

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



26.3868, 17.6346, 2.5853



14.6265, 17.6346, 1.0038



9.8175, 17.6346, 63.1918



19.0940, 17.6346, 82.5570

Sweetspot

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



26.3872, 17.6356, 2.5856



72.9134, 70.4007, 56.2838



28.6281, 14.5182, 26.7602



15.1140, 14.3916, 10.9340



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.



26.3872, 17.6356, 2.5856



44.4524, 27.6849, 3.0008



37.2651, 39.3915, 6.2116



10.9164, 11.2018, 11.1496



16.4693, 10.4559, 1.1502



0.8466, 0.6287, 0.0767

Inverse Universe

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



19.7898, 22.7153, 57.3740



32.5110, 36.1421, 99.8703



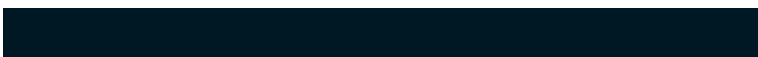
11.7501, 6.6359, 54.6941



10.6390, 11.4521, 13.5672



12.1075, 13.6089, 36.7330



0.6377, 0.7732, 1.7608

Previews

White Background



This preview shows how the XYZ color 26.3868, 17.6346, 2.5853 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 26.3868, 17.6346, 2.5853 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 26.3868, 17.6346, 2.5853

Background



This preview shows how black text looks on a background with the XYZ color 26.3868, 17.6346, 2.5853.



This preview shows how white text looks on a background with the XYZ color 26.3868, 17.6346,

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

26.3868, 17.6346, 2.5853

Protanopia

16.2038, 17.9462, 3.7085

Deuteranopia

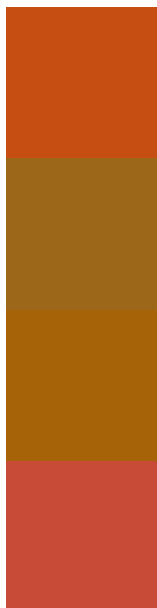
17.8972, 17.6648, 2.4664



Tritanopia

27.8095, 17.7184, 8.9755

Trichromacy



Original Color

26.3868, 17.6346, 2.5853

Protanomaly

18.7254, 16.8344, 3.1266

Deuteranomaly

20.4365, 17.1545, 2.4350

Tritanomaly

27.0493, 17.5970, 5.7123

Monochromacy



Original Color

26.3868, 17.6346, 2.5853

Achromatopsia

13.9749, 14.7027, 16.0113

Achromatomaly

16.2681, 14.4492, 8.5882

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.3868, 17.6346, 2.5853 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, 78, 18)` looks like.

```
.text, #text, p{  
    color:rgb(199, 78, 18)  
}
```

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, 78, 18) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 78, 18) }
```

Border

The CSS property to change the border of an element to XYZ 26.3868, 17.6346, 2.5853 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, 78, 18) }
```


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

```
.border{ border-color:rgb(199, 78, 18) }
```

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

Here you see how a box with a 4 pixel rgb(199, 78, 18) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 78, 18); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 78, 18);  
box-shadow:4px 4px 4px 4px rgb(199, 78,  
18) }
```

Background

The CSS property to change the background color of an element to XYZ 26.3868, 17.6346, 2.5853 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 78, 18) }
```

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

```
.background{ background-color: rgb(199, 78,  
18) }
```

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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