

Converting Colors

XYZ(26.0027, 16.5239, 2.2773)

Have a look what the booklet for
XYZ(26.0027, 16.5239, 2.2773)
contains.

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Color

**XYZ(26.0338, 16.5701,
2.2782)**

Conversions

Conversions Part 1

Format	Color
Hex	C8450F
RGB	200, 69, 15
RGB Percent	78%, 27%, 6%
CMY	0.2157, 0.7294, 0.9412
CMYK	0.00, 0.65, 0.92, 0.22
HSL	18°, 86%, 42%
HSV	18°, 92%, 78%
XYZ	26.0338, 16.5701, 2.2782
YIQ	102.0130, 95.4100, 10.9780

Conversions

Conversions Part 2

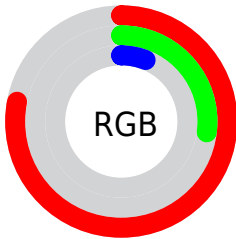
Format	Color
RYB	200, 91, 15
Decimal	13124879
CIELab	47.71, 50.09, 54.74
CIELCh	48, 74.197, 47.541
Yxy	16.5701, 0.5800, 0.3692
Android (android.graphics.Color)	4291314959 (0xFFC8450F)
YUV	102.0130, -42.8974, 85.9346
Hunter-Lab	40.7064, 42.9236, 25.1762

Details

The XYZ color **26.0338, 16.5701, 2.2782** 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 **20.9004, 24.8278, 58.3339**, and the grayscale version is **12.7248, 13.3874, 14.5789**.

A 20% lighter version of the original color is **49.3361, 35.8312, 9.6260**, and **10.3274, 5.3401, 0.4864** is the 20% darker color. If you saturate the color by 10%, you get **25.3518, 15.3443, 1.6256**, and if you desaturate by 10%, it is **27.2290, 18.6132, 3.7480**.

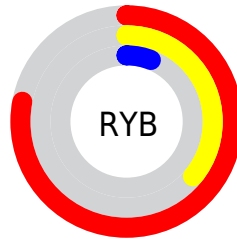
Distribution



Red (78%)

Green (27%)

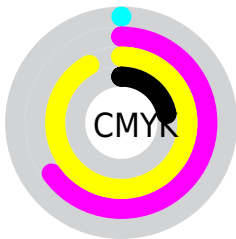
Blue (6%)



Red (78%)

Yellow (36%)

Blue (6%)

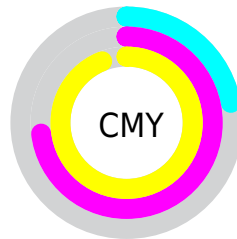


Cyan (0%)

Magenta (65%)

Yellow (92%)

Black (22%)



Cyan (22%)


Magenta (73%)


Yellow (94%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.0338, 16.5701, 2.2782 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 26.0338, 16.5701, 2.2782 by changing the saturation by 10% instead.


 26.0338, 16.5701,
2.2782


 26.0338, 16.5701,
2.2782


275.2016,
232.6827, 126.5572


 16.9817, 9.9285,
0.7190


 52.7604, 37.5851,
9.7883


 10.3167, 5.3516,
0.0000


 71.1656, 52.7273,
16.5965


 5.6733, 2.4550,
0.0000

 93.4193, 71.4718,
25.9981

 2.6862, 0.8540,
0.0000

 119.8867, 94.2030,
38.4118


 0.9901, 0.0000,
0.0000


 150.9334,
121.3053, 54.2560


 0.0000, 0.0000,
0.0000


 186.9245,


153.1631, 73.9492


 228.2254,
190.1607, 97.9101


 26.0338, 16.5701,
2.2782

 26.0338, 16.5701,
2.2782

 25.3518, 15.3443,
1.6256

 27.2290, 18.6132,
3.7480

 28.8143, 21.1659,
6.1816

 30.8278, 24.2641,
9.7159

 33.3017, 27.9390,
14.4649

 36.2652, 32.2195,
20.5283

■ 39.7445, 37.1323,
27.9954

■ 43.7642, 42.7025,
36.9476

■ 48.3469, 48.9535,
47.4599

■ 53.5142, 55.9080,
59.6024

Harmonies

Analogous

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



31.3257, 16.5701, 9.1144



26.0338, 16.5701, 2.2782



18.6669, 16.5701, 0.6862

Triad

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



26.0338, 16.5701, 2.2782



6.2839, 16.5701, 11.2485



19.9185, 16.5701, 80.1697

Complementary

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



26.0338, 16.5701, 2.2782



20.9004, 24.8278, 58.3339

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.



13.1529, 16.5701, 82.4590



26.0338, 16.5701, 2.2782



6.4441, 16.5701, 31.4558

Square

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



26.0338, 16.5701, 2.2782



8.0841, 16.5701, 2.9053



8.6082, 16.5701, 60.6862



27.1690, 16.5701, 55.6840

Rectangle

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



26.0338, 16.5701, 2.2782



14.1328, 16.5701, 0.6089



8.6082, 16.5701, 60.6862



17.4848, 16.5701, 83.9682

Sweetspot

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



26.0342, 16.5711, 2.2785



71.5483, 68.1008, 54.5016



29.3025, 14.7460, 29.1465



14.6899, 13.7063, 10.2897



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.



26.0342, 16.5711, 2.2785



43.7183, 26.2166, 2.7561



36.4619, 37.4266, 5.7544



10.8820, 11.1331, 11.1381



16.1876, 9.8924, 1.0562



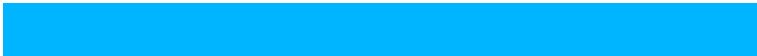
0.8303, 0.5960, 0.0713

Inverse Universe

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



20.9004, 24.8278, 58.3339



34.4844, 40.0887, 100.5281



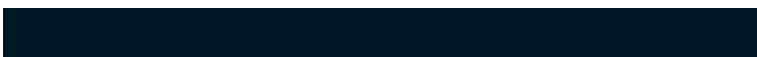
11.9926, 7.0123, 55.3646



10.6751, 11.5243, 13.5793



12.8233, 15.0406, 36.9716



0.6675, 0.8328, 1.7707

Previews

White Background



This preview shows how the XYZ color 26.0338, 16.5701, 2.2782 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 26.0338, 16.5701, 2.2782 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 26.0338, 16.5701, 2.2782

Background



This preview shows how black text looks on a background with the XYZ color 26.0338, 16.5701, 2.2782.



This preview shows how white text looks on a background with the XYZ color 26.0338, 16.5701,

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

26.0338, 16.5701, 2.2782

Protanopia

15.1172, 16.7030, 3.4641

Deuteranopia

16.8642, 16.6544, 2.3258



Tritanopia

26.9642, 16.5017, 7.2328

Trichromacy



Original Color

26.0338, 16.5701, 2.2782

Protanomaly

17.8488, 15.6673, 2.8940

Deuteranomaly

19.3399, 15.9089, 2.1950

Tritanomaly

26.5900, 16.5357, 4.6960

Monochromacy



Original Color

26.0338, 16.5701, 2.2782

Achromatopsia

12.6291, 13.2868, 14.4694

Achromatomaly

15.2429, 13.1578, 7.5307

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.0338, 16.5701, 2.2782 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(200, 69, 15)` looks like.

```
.text, #text, p{  
    color:rgb(200, 69, 15)  
}
```

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(200, 69, 15) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 69, 15) }
```

Border

The CSS property to change the border of an element to XYZ 26.0338, 16.5701, 2.2782 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(200, 69, 15) }
```


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

```
.border{ border-color:rgb(200, 69, 15) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 69, 15)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 69, 15); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 69, 15);  
box-shadow:4px 4px 4px 4px rgb(200, 69,  
15) }
```

Background

The CSS property to change the background color of an element to XYZ 26.0338, 16.5701, 2.2782 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 69, 15) }
```

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

```
.background{ background-color: rgb(200, 69,  
15) }
```

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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