

Converting Colors

XYZ(24.5118, 18.8366, 2.7594)

Have a look what the booklet for
XYZ(24.5118, 18.8366, 2.7594)
contains.

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Color

**XYZ(24.5118, 18.8366,
2.7594)**

Conversions

Conversions Part 1

Format	Color
Hex	BA600E
RGB	186, 96, 14
RGB Percent	73%, 38%, 5%
CMY	0.2706, 0.6235, 0.9451
CMYK	0.00, 0.48, 0.92, 0.27
HSL	29°, 86%, 39%
HSV	29°, 92%, 73%
XYZ	24.5118, 18.8366, 2.7594
YIQ	113.5620, 79.9620, -6.4220

Conversions

Conversions Part 2

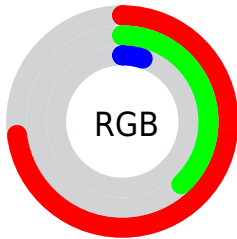
Format	Color
RYB	186, 171, 14
Decimal	12214286
CIELab	50.50, 31.64, 55.90
CIELCh	50, 64.235, 60.489
Yxy	18.8366, 0.5316, 0.4085
Android (android.graphics.Color)	4290404366 (0xFFBA600E)
YUV	113.5620, -49.0841, 63.5281
Hunter-Lab	43.4012, 24.8600, 26.6112

Details

The XYZ color **24.5118, 18.8366, 2.7594** is a dark color, and the websafe version is hex **CC6600**. A complement of this color would be **13.9940, 13.5386, 48.3295**, and the grayscale version is **15.9892, 16.8219, 18.3191**.

A 20% lighter version of the original color is **50.3755, 41.5659, 10.9982**, and **9.6207, 6.4687, 0.7415** is the 20% darker color. If you saturate the color by 10%, you get **23.7952, 17.5304, 2.1296**, and if you desaturate by 10%, it is **25.6456, 20.8008, 4.0733**.

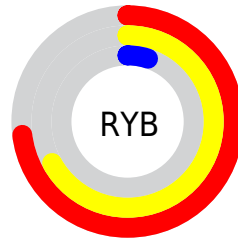
Distribution



Red (73%)

Green (38%)

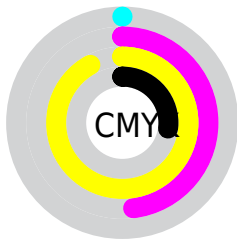
Blue (5%)



Red (73%)

Yellow (67%)

Blue (5%)

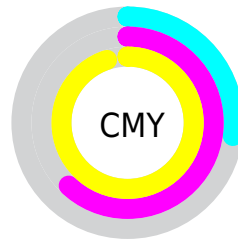


Cyan (0%)

Magenta (48%)

Yellow (92%)

Black (27%)



Cyan (27%)

Magenta (62%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.5118, 18.8366, 2.7594 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 24.5118, 18.8366, 2.7594 by changing the saturation by 10% instead.

■ 24.5118, 18.8366,
2.7594

■ 24.5118, 18.8366,
2.7594

267.7906,
245.5452, 133.2347

■ 15.8405, 11.5523,
0.9731

■ 50.3127, 41.4578,
11.0287

■ 9.5015, 6.4396,
0.0000

■ 68.1731, 57.5635,
18.3489

■ 5.1294, 3.1142,
0.0000

■ 89.8271, 77.3784,
28.3508

■ 2.3589, 1.1916,
0.0000

■ 115.6402,
101.2869, 41.4529


■ 0.8246, 0.0549,
0.0000


■ 145.9778,
129.6735, 58.0738


■ 0.0000, 0.0000,
0.0000


■ 181.2051,


162.9224, 78.6320


 221.6876,
201.4182, 103.5461


 24.5118, 18.8366,
2.7594


 24.5118, 18.8366,
2.7594


 23.7952, 17.5304,
2.1296

 25.6456, 20.8008,
4.0733

 27.0360, 23.0489,
6.1796

 28.7081, 25.5973,
9.1897

 30.6826, 28.4600,
13.1968

 32.9780, 31.6497,
18.2820

■ 35.6114, 35.1782,
24.5182

■ 38.5980, 39.0566,
31.9718

■ 41.9523, 43.2954,
40.7041

■ 45.6879, 47.9046,
50.7722

Harmonies

Analogous

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



30.4087, 18.8366, 7.5199



24.5118, 18.8366, 2.7594



17.8011, 18.8366, 1.7440

Triad

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



24.5118, 18.8366, 2.7594



8.3628, 18.8366, 20.8054



24.7318, 18.8366, 66.8682

Complementary

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



24.5118, 18.8366, 2.7594



13.9940, 13.5386, 48.3295

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.



18.0065, 18.8366, 77.9031



24.5118, 18.8366, 2.7594



9.4050, 18.8366, 43.4442

Square

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



24.5118, 18.8366, 2.7594



9.3383, 18.8366, 7.7838



12.6046, 18.8366, 67.5169



30.5551, 18.8366, 42.6094

Rectangle

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



24.5118, 18.8366, 2.7594



14.0122, 18.8366, 2.2003



12.6046, 18.8366, 67.5169



22.4561, 18.8366, 72.7167

Sweetspot

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



24.5122, 18.8376, 2.7597



66.6394, 66.5030, 49.5835



22.9943, 11.7883, 14.6270



14.1773, 13.9924, 9.6958



90.7827, 95.5105, 104.0109



18.6292, 19.5994, 21.3438

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



24.5122, 18.8376, 2.7597



42.8915, 31.2968, 3.7803



36.7037, 43.2207, 6.8236



9.3483, 9.6996, 9.4864



16.0830, 11.9423, 1.4574



0.6290, 0.5451, 0.0721

Inverse Universe

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



13.9940, 13.5386, 48.3295



23.6220, 21.5407, 87.1142



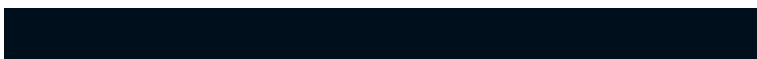
9.2896, 4.1296, 46.7613



8.8994, 9.4761, 11.4395



8.9341, 8.3278, 32.3896



0.3765, 0.4167, 1.1623

Previews

White Background



This preview shows how the XYZ color 24.5118, 18.8366, 2.7594 looks on a white 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

Black Background



This preview shows how the XYZ color 24.5118, 18.8366, 2.7594 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 24.5118, 18.8366, 2.7594

Background



This preview shows how black text looks on a background with the XYZ color 24.5118, 18.8366, 2.7594.



This preview shows how white text looks on a background with the XYZ color 24.5118, 18.8366,

2.7594.

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

24.5118, 18.8366, 2.7594

Protanopia

17.1355, 18.9669, 3.5169

Deuteranopia

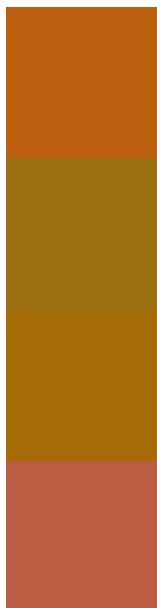
19.2676, 19.0338, 2.6584



Tritanopia

26.6700, 18.8081, 13.2910

Trichromacy



Original Color

24.5118, 18.8366, 2.7594

Protanomaly

19.2381, 18.5054, 3.1740

Deuteranomaly

20.9070, 18.7354, 2.6580

Tritanomaly

25.5496, 18.7390, 7.4246

Monochromacy



Original Color

24.5118, 18.8366, 2.7594

Achromatopsia

15.9940, 16.8269, 18.3245

Achromatomaly

17.4481, 16.6409, 9.5001

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.5118, 18.8366, 2.7594 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(186, 96, 14)` looks like.

```
.text, #text, p{  
    color:rgb(186, 96, 14)  
}
```

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(186, 96, 14) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 96, 14) }
```

Border

The CSS property to change the border of an element to XYZ 24.5118, 18.8366, 2.7594 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(186, 96, 14) }
```


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

```
.border{ border-color:rgb(186, 96, 14) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 96, 14)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 96, 14); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 96, 14);  
box-shadow:4px 4px 4px 4px rgb(186, 96,  
14) }
```

Background

The CSS property to change the background color of an element to XYZ 24.5118, 18.8366, 2.7594 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 96, 14) }
```

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

```
.background{ background-color: rgb(186, 96,  
14) }
```

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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