

Converting Colors

XYZ(25.0657, 16.6400, 1.8907)

Have a look what the booklet for
XYZ(25.0657, 16.6400, 1.8907)
contains.

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Color

**XYZ(25.0218, 16.6343,
1.8919)**

Conversions

Conversions Part 1

Format	Color
Hex	C34B00
RGB	195, 75, 0
RGB Percent	76%, 29%, 0%
CMY	0.2353, 0.7059, 1.0000
CMYK	0.00, 0.62, 1.00, 0.24
HSL	23°, 100%, 38%
HSV	23°, 100%, 76%
XYZ	25.0218, 16.6343, 1.8919
YIQ	102.3300, 95.5950, 2.1150

Conversions

Conversions Part 2

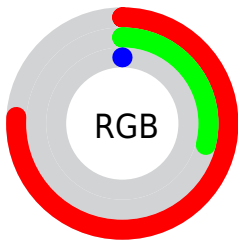
Format	Color
RYB	195, 122, 0
Decimal	12798720
CIELab	47.80, 45.47, 58.19
CIELCh	48, 73.850, 51.996
Yxy	16.6343, 0.5746, 0.3820
Android (android.graphics.Color)	4290988800 (0xFFC34B00)
YUV	102.3300, -50.4487, 81.2716
Hunter-Lab	40.7852, 38.1361, 25.7993

Details

The XYZ color **25.0218, 16.6343, 1.8919** is a dark color, and the websafe version is hex **CC6600**. The color can be described as dark washed red. A complement of this color would be **16.5660, 17.3715, 54.1093**, and the grayscale version is **12.8272, 13.4952, 14.6963**.

A 20% lighter version of the original color is **49.7486, 37.0141, 8.6601**, and **9.8892, 5.4192, 0.5248** is the 20% darker color. If you saturate the color by 10%, you get **25.0221, 16.6351, 1.8921**, and if you desaturate by 10%, it is **26.0362, 18.4683, 2.8313**.

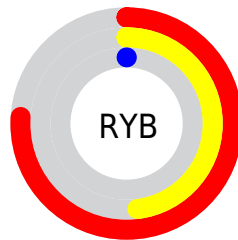
Distribution



Red (76%)

Green (29%)

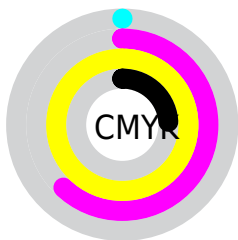
Blue (0%)



Red (76%)

Yellow (48%)

Blue (0%)

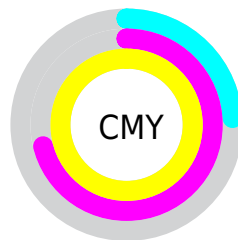


Cyan (0%)

Magenta (62%)

Yellow (100%)

Black (24%)



Cyan (24%)


Magenta (71%)


Yellow (100%)


Brightness & Saturation Gradients


These gradients show how the XYZ color 25.0218, 16.6343, 1.8919 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 25.0218, 16.6343, 1.8919 by changing the saturation by 10% instead.

 25.0218, 16.6343,
1.8919


 25.0218, 16.6343,
1.8919


 270.2921,
233.0561, 120.6750


 16.2221, 9.9741,
0.4876


 51.1352, 37.6959,
8.7431


 9.7733, 5.3818,
0.0000


 69.1797, 52.8662,
15.1013

 5.3100, 2.4730,
0.0000

 91.0364, 71.6418,
23.9726

 2.4669, 0.8631,
0.0000

 117.0708, 94.4074,
35.7756


 0.8786, 0.0000,
0.0000


 147.6483,
121.5472, 50.9288


 0.0000, 0.0000,
0.0000


 183.1340,


153.4456, 69.8507


 223.8935,
190.4871, 92.9599


 25.0218, 16.6343,
1.8919


 25.0218, 16.6343,
1.8919


 25.0221, 16.6351,
1.8921

 26.0362, 18.4683,
2.8313

 27.3342, 20.6734,
4.4693

 28.9671, 23.2828,
7.0375

 30.9643, 26.3193,
10.6562

 33.3512, 29.8036,
15.4271

■ 36.1508, 33.7549,
21.4401

■ 39.3838, 38.1911,
28.7757

■ 43.0697, 43.1290,
37.5078

■ 47.2265, 48.5844,
47.7047

Harmonies

Analogous

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



30.8065, 16.6343, 7.5960



25.0218, 16.6343, 1.8919



17.6511, 16.6343, 0.6486

Triad

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



25.0218, 16.6343, 1.8919



6.2536, 16.6343, 13.4925



21.0775, 16.6343, 77.3646

Complementary

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



25.0218, 16.6343, 1.8919



16.5660, 17.3715, 54.1093

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.



14.1023, 16.6343, 83.5795



25.0218, 16.6343, 1.8919



6.6964, 16.6343, 35.5001

Square

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



25.0218, 16.6343, 1.8919



7.7473, 16.6343, 3.6561



9.1928, 16.6343, 64.7481



28.1217, 16.6343, 51.1388

Rectangle

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



25.0218, 16.6343, 1.8919



13.3078, 16.6343, 0.7110



9.1928, 16.6343, 64.7481



18.6086, 16.6343, 82.3621

Sweetspot

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



25.0222, 16.6353, 1.8922



70.2499, 68.0113, 50.8711



25.9109, 12.9642, 18.9858



14.8210, 14.1258, 9.8485



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.



25.0222, 16.6353, 1.8922



44.5925, 29.3484, 3.3145



37.3056, 41.2022, 5.9867



10.3837, 10.6989, 10.5797



16.3390, 10.9637, 1.2550



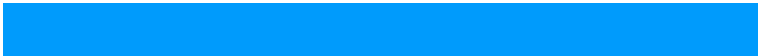
0.7728, 0.6073, 0.0765

Inverse Universe

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



16.5660, 17.3715, 54.1093



29.4209, 30.6145, 96.8283



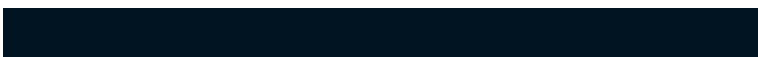
10.1518, 4.5431, 51.9713



10.0327, 10.7566, 12.8323



10.8504, 11.4573, 35.1962



0.5339, 0.6251, 1.5424

Previews

White Background



This preview shows how the XYZ color 25.0218, 16.6343, 1.8919 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 25.0218, 16.6343, 1.8919 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 25.0218, 16.6343, 1.8919

Background



This preview shows how black text looks on a background with the XYZ color 25.0218, 16.6343, 1.8919.



This preview shows how white text looks on a background with the XYZ color 25.0218, 16.6343,

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

25.0218, 16.6343, 1.8919

Protanopia

15.1881, 16.7488, 3.0484

Deuteranopia

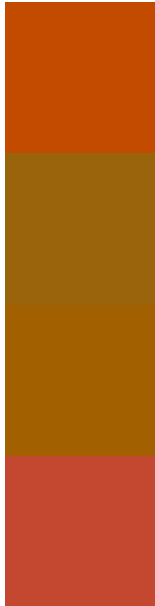
16.8642, 16.6544, 2.3258



Tritanopia

26.4521, 16.7450, 8.3165

Trichromacy



Original Color

25.0218, 16.6343, 1.8919

Protanomaly

17.7604, 15.9132, 2.4833

Deuteranomaly

19.2871, 16.1523, 2.1012

Tritanomaly

25.5954, 16.5757, 4.5397

Monochromacy



Original Color

25.0218, 16.6343, 1.8919

Achromatopsia

12.6291, 13.2868, 14.4694

Achromatomaly

14.9346, 13.2702, 6.7753

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.0218, 16.6343, 1.8919 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(195, 75, 0)` looks like.

```
.text, #text, p{  
    color:rgb(195, 75, 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(195, 75, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 75, 0) }
```

Border

The CSS property to change the border of an element to XYZ 25.0218, 16.6343, 1.8919 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(195, 75, 0) }
```


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

```
.border{ border-color:rgb(195, 75, 0) }
```

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

Here you see how a box with a 4 pixel rgb(195, 75, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 75, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 75, 0);  
box-shadow:4px 4px 4px 4px rgb(195, 75, 0)  
}
```

Background

The CSS property to change the background color of an element to XYZ 25.0218, 16.6343, 1.8919 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 75, 0) }
```

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

```
.background{ background-color: rgb(195, 75,  
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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