

# Converting Colors

XYZ(26.0995, 18.6220, 5.0372)

Have a look what the booklet for  
XYZ(26.0995, 18.6220, 5.0372)  
contains.

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# Color

**XYZ(26.0155, 18.5303,  
5.0018)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C15830
RGB	193, 88, 48
RGB Percent	76%, 35%, 19%
CMY	0.2431, 0.6549, 0.8118
CMYK	0.00, 0.54, 0.75, 0.24
HSL	17°, 60%, 47%
HSV	17°, 75%, 76%
XYZ	26.0155, 18.5303, 5.0018
YIQ	114.8350, 75.4200, 9.8200

# Conversions

## Conversions Part 2

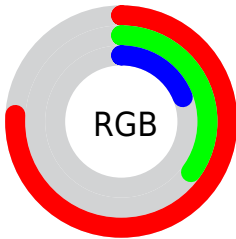
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	193, 103, 48
Decimal	12671024
CIE <sub>Lab</sub>	50.13, 39.58, 42.39
CIE <sub>LCh</sub>	50, 58.001, 46.964
Yxy	18.5303, 0.5251, 0.3740
Android (android.graphics.Color)	4290861104 (0xFFC15830)
YUV	114.8350, -32.9497, 68.5507
Hunter-Lab	43.0468, 32.5451, 23.2436

# Details

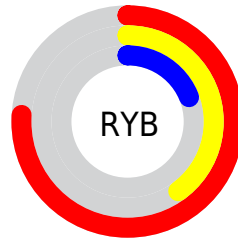
The XYZ color **26.0155, 18.5303, 5.0018** is a dark color, and the websafe version is hex **CC6633**. The color can be described as dark muted red. A complement of this color would be **22.2347, 27.2589, 54.5412**, and the grayscale version is **16.3270, 17.1773, 18.7060**.

A 20% lighter version of the original color is **52.7294, 40.8607, 16.1741**, and **10.3344, 6.3097, 0.6732** is the 20% darker color. If you saturate the color by 10%, you get **24.6611, 16.3264, 2.9946**, and if you desaturate by 10%, it is **27.7639, 21.2454, 7.9951**.

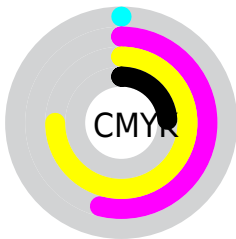
# Distribution



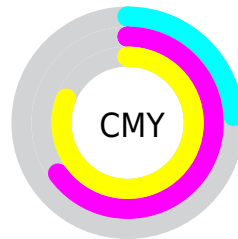
- Red (76%)
- Green (35%)
- Blue (19%)



- Red (76%)
- Yellow (40%)
- Blue (19%)



- Cyan (0%)
- Magenta (54%)
- Yellow (75%)
- Black (24%)




- Cyan (24%)
- Magenta (65%)
- Yellow (81%)


# Brightness & Saturation Gradients

These gradients show how the XYZ color 26.0155, 18.5303, 5.0018 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 26.0155, 18.5303, 5.0018 by changing the saturation by 10% instead.




 26.0155, 18.5303,  
5.0018


 26.0155, 18.5303,  
5.0018


275.1135,  
243.8433, 158.7830


 16.9680, 11.3314,  
2.1896


 52.7311, 40.9389,  
16.2612

 10.3068, 6.2902,  
0.6683


 71.1298, 56.9174,  
25.5455

 5.6667, 3.0223,  
0.0000


 93.3764, 76.5911,  
37.8242

 2.6822, 1.1434,  
0.0000

 119.8361,  
100.3446, 53.5159

 0.9880, 0.0147,  
0.0000

 150.8743,  
128.5621, 73.0391

 0.0000, 0.0000,  
0.0000

 186.8563,

161.6282, 96.8123

228.1476,  
199.9271, 125.2541

■ 26.0155, 18.5303,  
5.0018

■ 26.0155, 18.5303,  
5.0018

■ 24.6611, 16.3264,  
2.9946

■ 27.7639, 21.2454,  
7.9951

■ 23.6625, 14.5956,  
1.8400

■ 29.9365, 24.4998,  
12.0826

■ 23.2766, 13.9064,  
1.4574

■ 32.5620, 28.3230,  
17.3593

■ 35.6657, 32.7414,  
23.9092

■ 39.2712, 37.7796,  
31.8090

■ 43.4002, 43.4609,  
41.1289

■ 48.0732, 49.8073,  
51.9346

■ 53.3097, 56.8396,  
64.2873

■ 59.1281, 64.5778,  
78.2451

# Harmonies

## Analogous

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



30.0267, 18.5303, 12.4602



26.0155, 18.5303, 5.0018



20.1505, 18.5303, 2.5897

# Triad

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



26.0155, 18.5303, 5.0018



9.0777, 18.5303, 13.9977



20.9392, 18.5303, 66.2789

# Complementary

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



26.0155, 18.5303, 5.0018



22.2347, 27.2589, 54.5412

# 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.



15.2971, 18.5303, 67.4933



26.0155, 18.5303, 5.0018



9.2008, 18.5303, 30.5592

# Square

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



26.0155, 18.5303, 5.0018



10.8651, 18.5303, 5.6141



11.2471, 18.5303, 52.0858



26.6972, 18.5303, 49.3277



# Rectangle

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



26.0155, 18.5303, 5.0018



16.3409, 18.5303, 2.4483



11.2471, 18.5303, 52.0858



18.9484, 18.5303, 68.7680

# Sweetspot

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



26.0159, 18.5313, 5.0021



71.5744, 69.3791, 59.7344



28.9096, 15.7955, 32.2426



14.8146, 14.1348, 11.6123



92.9021, 97.7402, 106.4391



19.4759, 20.4902, 22.3138



# Same Dimension

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



26.0159, 18.5313, 5.0021



42.9756, 27.1992, 3.9040



34.9524, 36.4043, 7.9809



10.2944, 10.5201, 10.5499



15.5403, 9.3664, 0.9888



0.7313, 0.5244, 0.0627



# Inverse Universe

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



22.2347, 27.2589, 54.5412



35.5906, 43.0031, 96.7849



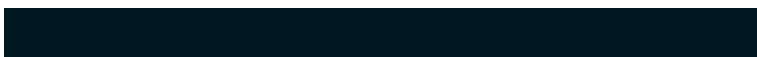
13.8493, 10.4882, 51.7461



10.1260, 10.9433, 12.8634



12.6852, 15.1269, 35.8078

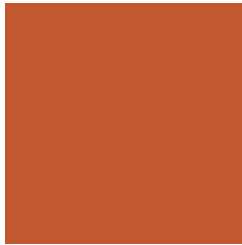


0.6033, 0.7641, 1.5656



# Previews

## White Background



This preview shows how the XYZ color 26.0155, 18.5303, 5.0018 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 26.0155, 18.5303, 5.0018 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 26.0155, 18.5303, 5.0018**

## **Background**



This preview shows how black text looks on a background with the XYZ color 26.0155, 18.5303, 5.0018.



This preview shows how white text looks on a background with the XYZ color 26.0155, 18.5303,



# 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

26.0155, 18.5303, 5.0018

### Protanopia

17.1531, 18.7250, 6.7132

### Deuteranopia

18.9952, 18.6788, 4.7020



## Tritanopia

27.4021, 18.5099, 11.5797

# Trichromacy



## Original Color

26.0155, 18.5303, 5.0018

## Protanomaly

19.5460, 17.9600, 5.9265

## Deuteranomaly

21.2321, 18.3920, 4.8138

## Tritanomaly

26.7327, 18.4607, 8.6329

# Monochromacy



## Original Color

26.0155, 18.5303, 5.0018

## Achromatopsia

16.2955, 17.1441, 18.6699

## Achromatomaly

18.2676, 16.6981, 12.1578

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 26.0155, 18.5303, 5.0018 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(193, 88, 48)` looks like.

```
.text, #text, p{  
    color:rgb(193, 88, 48)  
}
```

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(193, 88, 48) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 88, 48) }
```

## Border

The CSS property to change the border of an element to XYZ 26.0155, 18.5303, 5.0018 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(193, 88, 48) }
```



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

```
.border{ border-color:rgb(193, 88, 48) }
```

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

Here you see how a box with a 4 pixel rgb(193, 88, 48) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 88, 48); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 88, 48);  
box-shadow:4px 4px 4px 4px rgb(193, 88,  
48) }
```

# Background

The CSS property to change the background color of an element to XYZ 26.0155, 18.5303, 5.0018 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 88, 48) }
```

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

```
.background{ background-color: rgb(193, 88,  
48) }
```

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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