

Converting Colors

XYZ(26.6441, 18.6001, 5.1139)

Have a look what the booklet for
XYZ(26.6441, 18.6001, 5.1139)
contains.

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Color

**XYZ(26.6471, 18.6131,
5.0940)**

Conversions

Conversions Part 1

Format	Color
Hex	C45631
RGB	196, 86, 49
RGB Percent	77%, 34%, 19%
CMY	0.2314, 0.6627, 0.8078
CMYK	0.00, 0.56, 0.75, 0.23
HSL	15°, 60%, 48%
HSV	15°, 75%, 77%
XYZ	26.6471, 18.6131, 5.0940
YIQ	114.6720, 77.4370, 11.8130

Conversions

Conversions Part 2

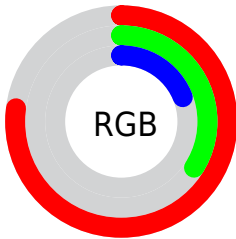
Format	Color
R_{YB}	196, 98, 49
Decimal	12867121
CIE _{Lab}	50.23, 41.77, 42.13
CIE _{LCh}	50, 59.321, 45.247
Yxy	18.6131, 0.5292, 0.3696
Android (android.graphics.Color)	4291057201 (0xFFC45631)
YUV	114.6720, -32.3763, 71.3247
Hunter-Lab	43.1429, 34.7500, 23.1995

Details

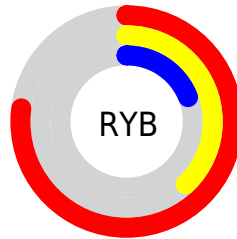
The XYZ color **26.6471, 18.6131, 5.0940** is a dark color, and the websafe version is hex **CC6633**. The color can be described as dark muted red. A complement of this color would be **23.6275, 29.4326, 56.6599**, and the grayscale version is **16.2755, 17.1231, 18.6471**.

A 20% lighter version of the original color is **52.6303, 40.5883, 16.3697**, and **10.7308, 6.3805, 0.6947** is the 20% darker color. If you saturate the color by 10%, you get **25.2665, 16.3764, 3.0179**, and if you desaturate by 10%, it is **28.4486, 21.4044, 8.1976**.

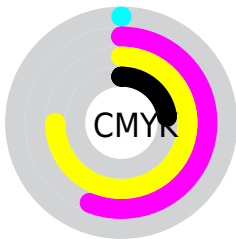
Distribution



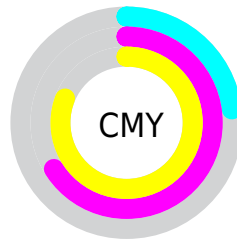
- Red (77%)
- Green (34%)
- Blue (19%)



- Red (77%)
- Yellow (38%)
- Blue (19%)



- Cyan (0%)
- Magenta (56%)
- Yellow (75%)
- Black (23%)





- Cyan (23%)
- Magenta (66%)
- Yellow (81%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 26.6471, 18.6131, 5.0940 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 26.6471, 18.6131, 5.0940 by changing the saturation by 10% instead.

 26.6471, 18.6131,
5.0940


 26.6471, 18.6131,
5.0940


278.1432,
244.3044, 159.7036


 17.4436, 11.3910,
2.2428


 53.7409, 41.0793,
16.4632


 10.6485, 6.3305,
0.6989


 72.3620, 57.0922,
25.8183


 5.8966, 3.0471,
0.0000

 94.8529, 76.8043,
38.1784

 2.8223, 1.1564,
0.0000

 121.5791,
100.5998, 53.9621

 1.0605, 0.0256,
0.0000

 152.9058,
128.8631, 73.5879

 0.0000, 0.0000,
0.0000

 189.1985,

161.9788, 97.4744

230.8225,
200.3311, 126.0401

■ 26.6471, 18.6131,
5.0940

■ 26.6471, 18.6131,
5.0940

■ 25.2665, 16.3764,
3.0179

■ 28.4486, 21.4044,
8.1976

■ 24.2656, 14.6514,
1.8305

■ 30.7040, 24.7824,
12.4415

■ 23.8774, 13.9609,
1.4363

■ 33.4442, 28.7806,
17.9245

■ 36.6968, 33.4286,
24.7343

■ 40.4873, 38.7543,
32.9507

■ 44.8394, 44.7838,
42.6470

■ 49.7753, 51.5418,
53.8916

■ 55.3159, 59.0518,
66.7485

■ 61.4813, 67.3362,
81.2780

Harmonies

Analogous

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



30.6070, 18.6131, 13.0437



26.6471, 18.6131, 5.0940



20.6509, 18.6131, 2.4977

Triad

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



26.6471, 18.6131, 5.0940



9.0259, 18.6131, 13.2404



20.7527, 18.6131, 68.5635

Complementary

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



26.6471, 18.6131, 5.0940



23.6275, 29.4326, 56.6599

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.



15.0287, 18.6131, 68.7222



26.6471, 18.6131, 5.0940



9.0416, 18.6131, 29.7587

Square

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



26.6471, 18.6131, 5.0940



10.9583, 18.6131, 5.1709



11.0072, 18.6131, 51.9877



26.7354, 18.6131, 51.6283

Rectangle

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



26.6471, 18.6131, 5.0940



16.7018, 18.6131, 2.2793



11.0072, 18.6131, 51.9877



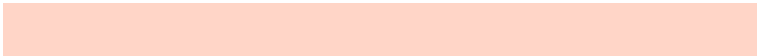
18.7189, 18.6131, 70.7943

Sweetspot

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



26.6475, 18.6141, 5.0943



75.3372, 72.9788, 64.0876



30.1429, 16.4443, 34.5000



15.6832, 15.0049, 12.7419



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.



26.6475, 18.6141, 5.0943



44.5352, 27.5610, 3.9208



35.7603, 36.8397, 8.1319



10.2747, 10.4808, 10.5433



15.4013, 9.0883, 0.9425



0.7226, 0.5070, 0.0598

Inverse Universe

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



23.6275, 29.4326, 56.6599



38.4808, 47.4679, 101.7418



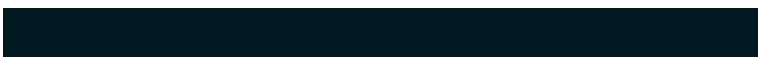
14.5384, 11.2544, 53.6302



10.1469, 10.9851, 12.8704



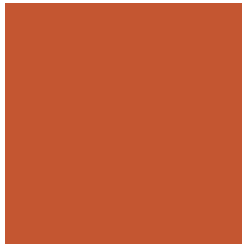
13.1437, 16.0438, 35.9606



0.6201, 0.7976, 1.5712

Previews

White Background



This preview shows how the XYZ color 26.6471, 18.6131, 5.0940 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 26.6471, 18.6131, 5.0940 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 26.6471, 18.6131, 5.0940

Background



This preview shows how black text looks on a background with the XYZ color 26.6471, 18.6131, 5.0940.



This preview shows how white text looks on a background with the XYZ color 26.6471, 18.6131,

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

26.6471, 18.6131, 5.0940

Protanopia

17.1788, 18.7353, 6.8485

Deuteranopia

19.0129, 18.6858, 4.7951



Tritanopia

28.0263, 18.7285, 11.1546

Trichromacy



Original Color

26.6471, 18.6131, 5.0940

Protanomaly

19.7625, 18.0689, 6.0605

Deuteranomaly

21.3603, 18.3056, 4.8901

Tritanomaly

27.3218, 18.5379, 8.4415

Monochromacy



Original Color

26.6471, 18.6131, 5.0940

Achromatopsia

16.2955, 17.1441, 18.6699

Achromatomaly

18.3402, 16.5853, 12.1322

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.6471, 18.6131, 5.0940 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(196, 86, 49)` looks like.

```
.text, #text, p{  
    color:rgb(196, 86, 49)  
}
```

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(196, 86, 49) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 86, 49) }
```

Border

The CSS property to change the border of an element to XYZ 26.6471, 18.6131, 5.0940 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(196, 86, 49) }
```


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

```
.border{ border-color:rgb(196, 86, 49) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 86, 49)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 86, 49); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 86, 49);  
box-shadow:4px 4px 4px 4px rgb(196, 86,  
49) }
```

Background

The CSS property to change the background color of an element to XYZ 26.6471, 18.6131, 5.0940 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 86, 49) }
```

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

```
.background{ background-color: rgb(196, 86,  
49) }
```

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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