

Converting Colors

XYZ(26.0682, 18.2547, 2.4367)

Have a look what the booklet for
XYZ(26.0682, 18.2547, 2.4367)
contains.

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Color

**XYZ(26.0682, 18.2547,
2.4367)**

Conversions

Conversions Part 1

Format	Color
Hex	C4550A
RGB	196, 85, 10
RGB Percent	77%, 33%, 4%
CMY	0.2314, 0.6666, 0.9608
CMYK	0.00, 0.57, 0.95, 0.23
HSL	24°, 90%, 40%
HSV	24°, 95%, 77%
XYZ	26.0682, 18.2547, 2.4367
YIQ	109.6390, 90.2310, 0.2070

Conversions

Conversions Part 2

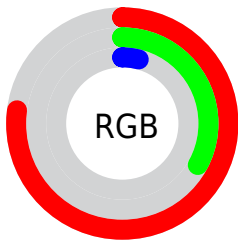
Format	Color
RYB	196, 136, 10
Decimal	12866826
CIELab	49.80, 41.22, 57.09
CIELCh	50, 70.420, 54.170
Yxy	18.2547, 0.5575, 0.3904
Android (android.graphics.Color)	4291056906 (0xFFC4550A)
YUV	109.6390, -49.1220, 75.7386
Hunter-Lab	42.7255, 34.1389, 26.5265

Details

The XYZ color **26.0682, 18.2547, 2.4367** 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 **16.9257, 17.7236, 54.7529**, and the grayscale version is **14.8364, 15.6091, 16.9983**.

A 20% lighter version of the original color is **51.1690, 39.5447, 10.0902**, and **10.3754, 6.1560, 0.6414** is the 20% darker color. If you saturate the color by 10%, you get **25.5634, 17.3331, 1.9983**, and if you desaturate by 10%, it is **27.2414, 20.3221, 3.6887**.

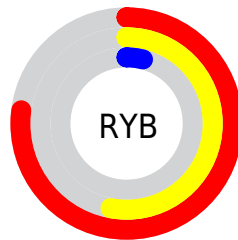
Distribution



Red (77%)

Green (33%)

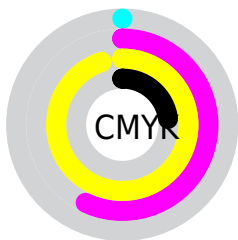
Blue (4%)



Red (77%)

Yellow (53%)

Blue (4%)

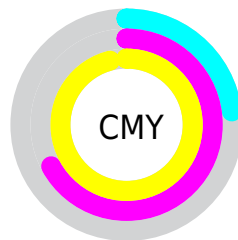


Cyan (0%)

Magenta (57%)

Yellow (95%)

Black (23%)



Cyan (23%)

Magenta (67%)

Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.0682, 18.2547, 2.4367 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 26.0682, 18.2547, 2.4367 by changing the saturation by 10% instead.

■ 26.0682, 18.2547,
2.4367

■ 26.0682, 18.2547,
2.4367

275.3673,
242.3028, 128.8267

■ 17.0076, 11.1330,
0.8063

■ 52.8155, 40.4709,
10.2036

■ 10.3353, 6.1564,
0.0000

■ 71.2329, 56.3341,
17.1856

■ 5.6858, 2.9404,
0.0000

■ 93.4999, 75.8800,
26.7915

■ 2.6938, 1.1007,
0.0000

■ 119.9819, 99.4929,
39.4397

■ 0.9940, 0.0000,
0.0000


■ 151.0443,
127.5572, 55.5488


■ 0.0000, 0.0000,
0.0000


■ 187.0525,


160.4574, 75.5373


 228.3717,
198.5778, 99.8238


 26.0682, 18.2547,
2.4367


 26.0682, 18.2547,
2.4367

 25.5634, 17.3331,
1.9983

 27.2414, 20.3221,
3.6887

 28.7282, 22.7687,
5.8089

 30.5608, 25.6189,
8.9324

 32.7660, 28.8931,
13.1703

 35.3675, 32.6102,
18.6185

■ 38.3869, 36.7877,
25.3628

■ 41.8439, 41.4422,
33.4810

■ 45.7568, 46.5890,
43.0446

■ 50.1430, 52.2430,
54.1202

Harmonies

Analogous

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



32.0130, 18.2547, 8.2472



26.0682, 18.2547, 2.4367



18.6966, 18.2547, 1.1125

Triad

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



26.0682, 18.2547, 2.4367



7.4082, 18.2547, 16.3490



23.1980, 18.2547, 76.3728

Complementary

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



26.0682, 18.2547, 2.4367



16.9257, 17.7236, 54.7529

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.



16.0707, 18.2547, 84.1106



26.0682, 18.2547, 2.4367



8.0293, 18.2547, 39.2079

Square

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



26.0682, 18.2547, 2.4367



8.8405, 18.2547, 5.1293



10.8318, 18.2547, 67.5166



30.0787, 18.2547, 50.3669

Rectangle

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



26.0682, 18.2547, 2.4367



14.3753, 18.2547, 1.2550



10.8318, 18.2547, 67.5166



20.7104, 18.2547, 81.6887

Sweetspot

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



26.0686, 18.2557, 2.4370



73.4916, 71.9874, 55.1494



26.3614, 13.3481, 19.4700



15.1484, 14.6234, 10.4425



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.



26.0686, 18.2557, 2.4370



46.0734, 30.9268, 3.5411



38.6207, 43.3599, 6.6210



10.3992, 10.7297, 10.5848



16.5054, 11.2965, 1.3105



0.7807, 0.6232, 0.0791

Inverse Universe

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



16.9257, 17.7236, 54.7529



29.3058, 29.7315, 98.8019



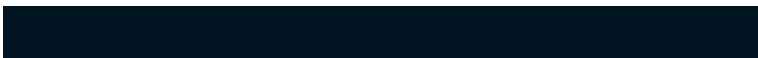
10.5186, 4.9094, 52.6172



10.0168, 10.7249, 12.8270



10.5729, 10.9023, 35.1037



0.5229, 0.6033, 1.5388

Previews

White Background



This preview shows how the XYZ color 26.0682, 18.2547, 2.4367 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 26.0682, 18.2547, 2.4367 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 26.0682, 18.2547, 2.4367

Background



This preview shows how black text looks on a background with the XYZ color 26.0682, 18.2547, 2.4367.



This preview shows how white text looks on a background with the XYZ color 26.0682, 18.2547,

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

26.0682, 18.2547, 2.4367

Protanopia

16.5637, 18.3161, 3.3718

Deuteranopia

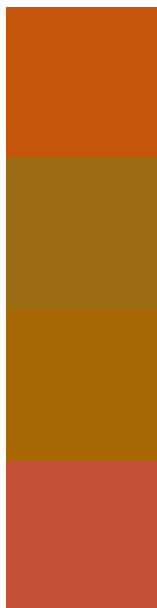
18.4828, 18.2943, 2.5570



Tritanopia

27.6849, 18.2378, 10.4486

Trichromacy



Original Color

26.0682, 18.2547, 2.4367

Protanomaly

19.2635, 17.7240, 2.9361

Deuteranomaly

20.8085, 17.9248, 2.4780

Tritanomaly

26.7069, 18.0506, 5.9474

Monochromacy



Original Color

26.0682, 18.2547, 2.4367

Achromatopsia

14.8208, 15.5926, 16.9804

Achromatomaly

16.8742, 15.4645, 8.5741

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.0682, 18.2547, 2.4367 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, 85, 10)` looks like.

```
.text, #text, p{  
    color:rgb(196, 85, 10)  
}
```

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, 85, 10) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 85, 10) }
```

Border

The CSS property to change the border of an element to XYZ 26.0682, 18.2547, 2.4367 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, 85, 10) }
```


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

```
.border{ border-color:rgb(196, 85, 10) }
```

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

Here you see how a box with a 4 pixel rgb(196, 85, 10) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 85, 10); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 85, 10);  
box-shadow:4px 4px 4px 4px rgb(196, 85,  
10) }
```

Background

The CSS property to change the background color of an element to XYZ 26.0682, 18.2547, 2.4367 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 85, 10) }
```

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

```
.background{ background-color: rgb(196, 85,  
10) }
```

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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