

Converting Colors

XYZ(31.8411, 25.2293, 4.6339)

Have a look what the booklet for
XYZ(31.8411, 25.2293, 4.6339)
contains.

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Color

**XYZ(31.9118, 25.1855,
4.6182)**

Conversions

Conversions Part 1

Format	Color
Hex	CF7121
RGB	207, 113, 33
RGB Percent	81%, 44%, 13%
CMY	0.1882, 0.5568, 0.8706
CMYK	0.00, 0.45, 0.84, 0.19
HSL	28°, 72%, 47%
HSV	28°, 84%, 81%
XYZ	31.9118, 25.1855, 4.6182
YIQ	131.9860, 81.7040, -4.9520

Conversions

Conversions Part 2

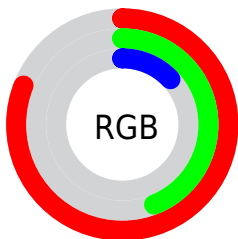
Format	Color
R_{YB}	207, 181, 33
Decimal	13594913
CIE _{Lab}	57.26, 31.76, 56.55
CIE _{LCh}	57, 64.861, 60.684
Yxy	25.1855, 0.5171, 0.4081
Android (android.graphics.Color)	4291784993 (0xFFCF7121)
YUV	131.9860, -48.8001, 65.7873
Hunter-Lab	50.1852, 25.6808, 29.6736

Details

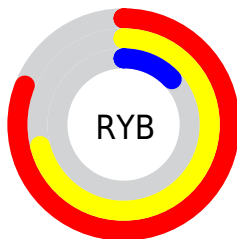
The XYZ color **31.9118, 25.1855, 4.6182** is a dark color, and the websafe version is hex **CC6600**. The color can be described as dark muted orange. A complement of this color would be **19.4785, 20.0060, 61.8660**, and the grayscale version is **22.0778, 23.2275, 25.2948**.

A 20% lighter version of the original color is **56.5159, 49.1883, 15.1099**, and **13.6316, 9.6660, 1.1473** is the 20% darker color. If you saturate the color by 10%, you get **30.5343, 22.7609, 3.1416**, and if you desaturate by 10%, it is **33.6222, 27.9915, 7.0844**.

Distribution



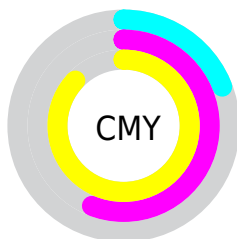
- Red (81%)
- Green (44%)
- Blue (13%)



- Red (81%)
- Yellow (71%)
- Blue (13%)



- Cyan (0%)
- Magenta (45%)
- Yellow (84%)
- Black (19%)





- Cyan (19%)
- Magenta (56%)
- Yellow (87%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 31.9118, 25.1855, 4.6182 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 31.9118, 25.1855, 4.6182 by changing the saturation by 10% instead.


 31.9118, 25.1855,
4.6182


 31.9118, 25.1855,
4.6182


302.4697,
278.7605, 154.8670

 21.4494, 16.2153,
1.9703


 62.0389, 51.9580,
15.4121


 13.5672, 9.6766,
0.5369


 82.4343, 70.5291,
24.3952


 7.8999, 5.1851,
0.0000


 106.8714, 93.0693,
36.3271

 4.0823, 2.3563,
0.0000

 135.7155,
119.9630, 51.6262

 1.7488, 0.8033,
0.0000

 169.3321,
151.5945, 70.7113

 0.4865, 0.0000,
0.0000

 208.0864,

 0.0000, 0.0000,

188.3484, 94.0007

0.0000

252.3438,
230.6089, 121.9131

■ 31.9118, 25.1855,
4.6182

■ 31.9118, 25.1855,
4.6182

■ 30.5343, 22.7609,
3.1416

■ 33.6222, 27.9915,
7.0844

■ 29.8402, 21.4819,
2.5737

■ 35.6974, 31.1968,
10.6901

■ 38.1665, 34.8220,
15.5607

■ 41.0546, 38.8851,
21.8047

■ 44.3842, 43.4023,
29.5185

■ 48.1763, 48.3891,
38.7899

■ 52.4502, 53.8601,
49.6998

■ 57.2240, 59.8292,
62.3233

■ 62.5149, 66.3096,
76.7309

Harmonies

Analogous

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



38.9976, 25.1855, 11.0199



31.9118, 25.1855, 4.6182



23.7625, 25.1855, 3.1576

Triad

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



31.9118, 25.1855, 4.6182



12.0097, 25.1855, 27.9299



32.2825, 25.1855, 82.1643

Complementary

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



31.9118, 25.1855, 4.6182



19.4785, 20.0060, 61.8660

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.



24.1145, 25.1855, 95.0735



31.9118, 25.1855, 4.6182



13.3608, 25.1855, 55.1249

Square

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



31.9118, 25.1855, 4.6182



13.2418, 25.1855, 11.5022



17.4173, 25.1855, 83.2163



39.2418, 25.1855, 53.7459

Rectangle

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



31.9118, 25.1855, 4.6182



19.0965, 25.1855, 3.8461



17.4173, 25.1855, 83.2163



29.5357, 25.1855, 88.9778

Sweetspot

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



31.9124, 25.1868, 4.6186



76.4125, 76.5147, 60.1760



30.2185, 15.9302, 22.1470



15.8815, 15.7575, 11.7108



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.



31.9124, 25.1868, 4.6186



47.6304, 34.0407, 4.0601



46.2691, 53.9004, 9.4042



12.2502, 12.6911, 12.4160



18.8933, 13.7195, 1.6523



1.1353, 0.9250, 0.1187

Inverse Universe

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



19.4785, 20.0060, 61.8660



27.1028, 25.3256, 98.0676



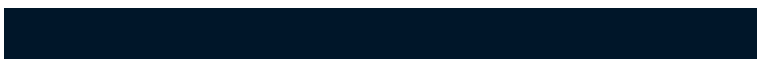
12.7072, 6.4633, 59.6089



11.6851, 12.4605, 15.0329



10.8297, 10.3061, 38.6110



0.6844, 0.7341, 2.1852

Previews

White Background



This preview shows how the XYZ color 31.9118, 25.1855, 4.6182 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 31.9118, 25.1855, 4.6182 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 31.9118, 25.1855, 4.6182

Background



This preview shows how black text looks on a background with the XYZ color 31.9118, 25.1855, 4.6182.



This preview shows how white text looks on a background with the XYZ color 31.9118, 25.1855,

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

31.9118, 25.1855, 4.6182

Protanopia

22.9723, 25.2920, 5.5905

Deuteranopia

25.7367, 25.2972, 4.3905



Tritanopia

34.9986, 25.3492, 18.6710

Trichromacy



Original Color

31.9118, 25.1855, 4.6182

Protanomaly

25.6397, 24.8328, 5.1921

Deuteranomaly

27.6552, 24.9335, 4.3920

Tritanomaly

33.6472, 25.2790, 11.4934

Monochromacy



Original Color

31.9118, 25.1855, 4.6182

Achromatopsia

21.9318, 23.0740, 25.1276

Achromatomaly

23.7430, 22.8827, 14.2317

CSS Examples

Text

The CSS property to change the color of the text to XYZ 31.9118, 25.1855, 4.6182 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(207, 113, 33)` looks like.

```
.text, #text, p{  
    color:rgb(207, 113, 33)  
}
```

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(207, 113, 33) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 113, 33) }
```

Border

The CSS property to change the border of an element to XYZ 31.9118, 25.1855, 4.6182 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(207, 113, 33) }
```


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

```
.border{ border-color:rgb(207, 113, 33) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 113, 33)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 113, 33); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 113, 33);  
box-shadow:4px 4px 4px 4px rgb(207, 113,  
33) }
```

Background

The CSS property to change the background color of an element to XYZ 31.9118, 25.1855, 4.6182 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 113, 33) }
```

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

```
.background{ background-color: rgb(207,  
113, 33) }
```

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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