

Converting Colors

XYZ(26.8859, 18.4868, 5.7657)

Have a look what the booklet for
XYZ(26.8859, 18.4868, 5.7657)
contains.

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Color

**XYZ(26.8859, 18.4868,
5.7657)**

Conversions

Conversions Part 1

Format	Color
Hex	C55437
RGB	197, 84, 55
RGB Percent	77%, 33%, 22%
CMY	0.2275, 0.6706, 0.7843
CMYK	0.00, 0.57, 0.72, 0.23
HSL	12°, 56%, 49%
HSV	12°, 72%, 77%
XYZ	26.8859, 18.4868, 5.7657
YIQ	114.4810, 76.6570, 14.9370

Conversions

Conversions Part 2

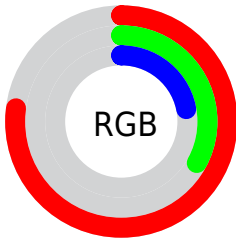
Format	Color
R_{YB}	197, 91, 55
Decimal	12932151
CIE _{Lab}	50.08, 43.39, 38.83
CIE _{LCh}	50, 58.225, 41.827
Yxy	18.4868, 0.5257, 0.3615
Android (android.graphics.Color)	4291122231 (0xFFC55437)
YUV	114.4810, -29.3241, 72.3692
Hunter-Lab	42.9963, 36.3739, 22.1467

Details

The XYZ color **26.8859, 18.4868, 5.7657** 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 **25.6551, 32.8464, 57.8109**, and the grayscale version is **16.2089, 17.0531, 18.5708**.

A 20% lighter version of the original color is **52.6338, 40.1306, 17.8038**, and **10.8558, 6.3181, 0.9058** is the 20% darker color. If you saturate the color by 10%, you get **25.4209, 16.1678, 3.3945**, and if you desaturate by 10%, it is **28.8124, 21.4278, 9.2205**.

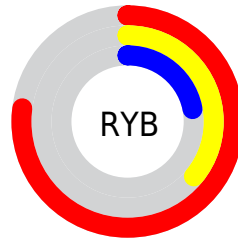
Distribution



Red (77%)

Green (33%)

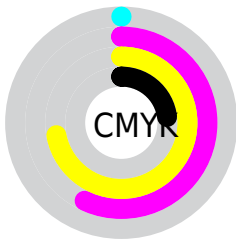
Blue (22%)



Red (77%)

Yellow (36%)

Blue (22%)

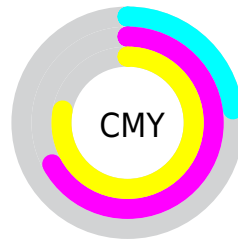


Cyan (0%)

Magenta (57%)

Yellow (72%)

Black (23%)



Cyan (23%)


Magenta (67%)


Yellow (78%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 26.8859, 18.4868, 5.7657 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 26.8859, 18.4868, 5.7657 by changing the saturation by 10% instead.

 26.8859, 18.4868,
5.7657


 26.8859, 18.4868,
5.7657


279.2819,
243.6008, 166.1943


 17.6237, 11.3000,
2.6367


 54.1219, 40.8651,
17.9118


 10.7782, 6.2690,
0.9113


 72.8264, 56.8254,
27.7660

 5.9841, 3.0093,
0.0000


 95.4091, 76.4791,
40.6989

 2.8760, 1.1366,
0.0000

 122.2352,
100.2104, 57.1292

 1.0885, 0.0090,
0.0000

 153.6702,
128.4039, 77.4753

 0.0155, 0.0000,
0.0000

 190.0794,

 0.0000, 0.0000,

161.4438, 102.1558

0.0000

231.8282,
199.7146, 131.5893

■ 26.8859, 18.4868,
5.7657

■ 26.8859, 18.4868,
5.7657

■ 25.4209, 16.1678,
3.3945

■ 28.8124, 21.4278,
9.2205

■ 24.3739, 14.4214,
1.9737

■ 31.2360, 25.0291,
13.8690

■ 23.7928, 13.4041,
1.3332

■ 34.1898, 29.3293,
19.8089

■ 37.7038, 34.3634,
27.1271

■ 41.8056, 40.1637,
35.9033

■ 46.5209, 46.7607,
46.2109

■ 51.8739, 54.1832,
58.1184

■ 57.8876, 62.4584,
71.6901

■ 64.5836, 71.6125,
86.9867

Harmonies

Analogous

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



30.3689, 18.4868, 14.4431



26.8859, 18.4868, 5.7657



21.1507, 18.4868, 2.7405

Triad

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



26.8859, 18.4868, 5.7657



9.1927, 18.4868, 11.9567



19.8736, 18.4868, 67.9622

Complementary

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



26.8859, 18.4868, 5.7657



25.6551, 32.8464, 57.8109

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.



14.4201, 18.4868, 65.9917



26.8859, 18.4868, 5.7657



8.9938, 18.4868, 27.1399

Square

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



26.8859, 18.4868, 5.7657



11.3202, 18.4868, 4.7785



10.7026, 18.4868, 48.5204



25.7814, 18.4868, 52.9938

Rectangle

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



26.8859, 18.4868, 5.7657



17.2298, 18.4868, 2.3568



10.7026, 18.4868, 48.5204



17.9170, 18.4868, 69.4116

Sweetspot

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



26.8863, 18.4878, 5.7660



74.6726, 71.6498, 63.8661



31.5160, 17.4523, 39.0470



15.5287, 14.6959, 12.6904



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.



26.8863, 18.4878, 5.7660



44.4590, 27.1958, 4.5512



35.3372, 35.3896, 8.5830



10.8065, 10.9821, 11.1129



15.6985, 8.9142, 0.8932



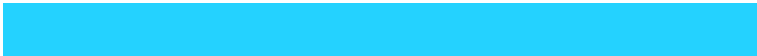
0.7963, 0.5280, 0.0599

Inverse Universe

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



25.6551, 32.8464, 57.8109



41.8641, 53.7836, 102.7825



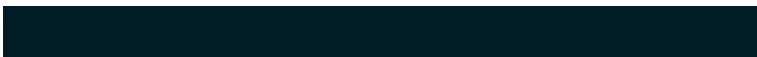
15.9840, 13.5043, 54.5872



10.7556, 11.6853, 13.6061



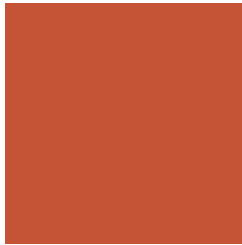
14.5933, 18.5804, 37.5616



0.7389, 0.9755, 1.7945

Previews

White Background



This preview shows how the XYZ color 26.8859, 18.4868, 5.7657 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 26.8859, 18.4868, 5.7657 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 26.8859, 18.4868, 5.7657

Background



This preview shows how black text looks on a background with the XYZ color 26.8859, 18.4868, 5.7657.



This preview shows how white text looks on a background with the XYZ color 26.8859, 18.4868,

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

26.8859, 18.4868, 5.7657

Protanopia

17.2453, 18.7437, 8.0192

Deuteranopia

18.9452, 18.6376, 5.3952



Tritanopia

27.7971, 18.3990, 10.6806

Trichromacy



Original Color

26.8859, 18.4868, 5.7657

Protanomaly

19.8652, 17.9422, 7.1188

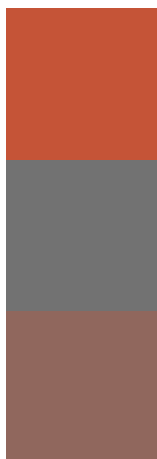
Deuteranomaly

21.1737, 18.0465, 5.4993

Tritanomaly

27.4672, 18.3850, 8.5796

Monochromacy



Original Color

26.8859, 18.4868, 5.7657

Achromatopsia

15.9940, 16.8269, 18.3245

Achromatomaly

18.3276, 16.4201, 12.5594

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.8859, 18.4868, 5.7657 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(197, 84, 55)` looks like.

```
.text, #text, p{  
    color:rgb(197, 84, 55)  
}
```

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(197, 84, 55) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 84, 55) }
```

Border

The CSS property to change the border of an element to XYZ 26.8859, 18.4868, 5.7657 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(197, 84, 55) }
```


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

```
.border{ border-color:rgb(197, 84, 55) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 84, 55)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 84, 55); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 84, 55);  
box-shadow:4px 4px 4px 4px rgb(197, 84,  
55) }
```

Background

The CSS property to change the background color of an element to XYZ 26.8859, 18.4868, 5.7657 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 84, 55) }
```

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

```
.background{ background-color: rgb(197, 84,  
55) }
```

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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