

Converting Colors

XYZ(27.4496, 18.9725, 3.2212)

Have a look what the booklet for
XYZ(27.4496, 18.9725, 3.2212)
contains.

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Color

**XYZ(27.5223, 18.9891,
3.1920)**

Conversions

Conversions Part 1

Format	Color
Hex	C9551A
RGB	201, 85, 26
RGB Percent	79%, 33%, 10%
CMY	0.2118, 0.6666, 0.8980
CMYK	0.00, 0.58, 0.87, 0.21
HSL	20°, 77%, 45%
HSV	20°, 87%, 79%
XYZ	27.5223, 18.9891, 3.1920
YIQ	112.9580, 88.0750, 6.2430

Conversions

Conversions Part 2

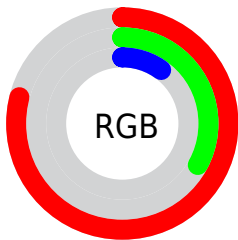
Format	Color
RYB	201, 115, 26
Decimal	13194522
CIELab	50.67, 43.40, 53.29
CIElCh	51, 68.725, 50.839
Yxy	18.9891, 0.5537, 0.3820
Android (android.graphics.Color)	4291384602 (0xFFC9551A)
YUV	112.9580, -42.8703, 77.2128
Hunter-Lab	43.5765, 36.4793, 26.1605

Details

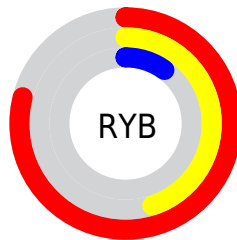
The XYZ color **27.5223, 18.9891, 3.1920** is a dark color, and the websafe version is hex **CC6633**. The color can be described as dark washed red. A complement of this color would be **20.6407, 23.7809, 58.7600**, and the grayscale version is **15.7893, 16.6115, 18.0900**.

A 20% lighter version of the original color is **51.6680, 39.9728, 12.0135**, and **11.3317, 6.6085, 0.6783** is the 20% darker color. If you saturate the color by 10%, you get **26.4165, 17.0244, 2.0632**, and if you desaturate by 10%, it is **28.9810, 21.4128, 5.2010**.

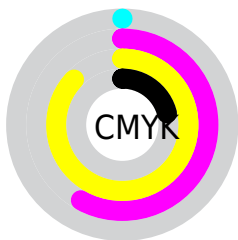
Distribution



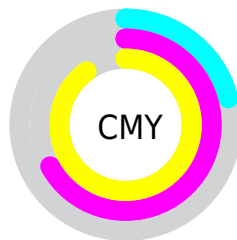
- Red (79%)
- Green (33%)
- Blue (10%)



- Red (79%)
- Yellow (45%)
- Blue (10%)



- Cyan (0%)
- Magenta (58%)
- Yellow (87%)
- Black (21%)





- Cyan (21%)
- Magenta (67%)
- Yellow (90%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 27.5223, 18.9891, 3.1920 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 27.5223, 18.9891, 3.1920 by changing the saturation by 10% instead.


 27.5223, 18.9891,
3.1920


 27.5223, 18.9891,
3.1920


282.2988,
246.3886, 138.7697


 18.1045, 11.6624,
1.1935


 55.1349, 41.7157,
12.0986

 11.1252, 6.5142,
0.0000


 74.0603, 57.8844,
19.8439

 6.2190, 3.1602,
0.0000


 96.8857, 77.7691,
30.3417

 3.0206, 1.2159,
0.0000

 123.9763,
101.7544, 44.0108

 1.1647, 0.0747,
0.0000

 155.6976,
130.2246, 61.2695


 0.0782, 0.0000,
0.0000


 192.4149,


 0.0000, 0.0000,


163.5641, 82.5366


0.0000


 234.4935,
202.1573, 108.2305


 27.5223, 18.9891,
3.1920


 27.5223, 18.9891,
3.1920


 26.4165, 17.0244,
2.0632


 28.9810, 21.4128,
5.2010

 26.1405, 16.5241,
1.8117

 30.8324, 24.3250,
8.2558

 33.1096, 27.7552,
12.4804

 35.8410, 31.7291,
17.9810

 39.0523, 36.2704,
24.8516

■ 42.7674, 41.4014,
33.1776

■ 47.0081, 47.1433,
43.0370

■ 51.7951, 53.5158,
54.5024

■ 57.1478, 60.5379,
67.6416

Harmonies

Analogous

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



33.0556, 18.9891, 10.0908



27.5223, 18.9891, 3.1920



20.1895, 18.9891, 1.4228

Triad

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



27.5223, 18.9891, 3.1920



8.0460, 18.9891, 15.3161



23.0577, 18.9891, 78.3025

Complementary

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



27.5223, 18.9891, 3.1920



20.6407, 23.7809, 58.7600

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.



16.0646, 18.9891, 83.1434



27.5223, 18.9891, 3.1920



8.4505, 18.9891, 36.8721

Square

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



27.5223, 18.9891, 3.1920



9.7554, 18.9891, 4.9866



11.0445, 18.9891, 64.8162



30.0648, 18.9891, 54.0471

Rectangle

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



27.5223, 18.9891, 3.1920



15.7216, 18.9891, 1.4547



11.0445, 18.9891, 64.8162



20.5946, 18.9891, 82.6675

Sweetspot

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



27.5227, 18.9902, 3.1923



73.7007, 71.5369, 57.8971



29.3893, 15.1294, 27.2258



15.2705, 14.6208, 11.2443



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.



27.5227, 18.9902, 3.1923



44.5662, 27.9124, 3.0387



38.9944, 41.9335, 7.0162



10.9213, 11.2117, 11.1512



16.5127, 10.5426, 1.1646



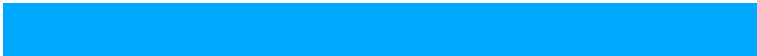
0.8491, 0.6335, 0.0775

Inverse Universe

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



20.6407, 23.7809, 58.7600



32.2416, 35.6032, 99.7805



12.3428, 7.1851, 55.9940



10.6339, 11.4418, 13.5655



12.0096, 13.4131, 36.7004



0.6336, 0.7650, 1.7594

Previews

White Background



This preview shows how the XYZ color 27.5223, 18.9891, 3.1920 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 27.5223, 18.9891, 3.1920 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 27.5223, 18.9891, 3.1920

Background



This preview shows how black text looks on a background with the XYZ color 27.5223, 18.9891, 3.1920.



This preview shows how white text looks on a background with the XYZ color 27.5223, 18.9891,

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

27.5223, 18.9891, 3.1920

Protanopia

17.4162, 19.2747, 4.3926

Deuteranopia

19.2676, 19.0338, 2.6584



Tritanopia

29.0643, 18.9444, 10.7191

Trichromacy



Original Color

27.5223, 18.9891, 3.1920

Protanomaly

20.2266, 18.5151, 3.8742

Deuteranomaly

21.5772, 18.4664, 2.6856

Tritanomaly

28.2250, 18.8116, 6.9939

Monochromacy



Original Color

27.5223, 18.9891, 3.1920

Achromatopsia

15.6958, 16.5132, 17.9829

Achromatomaly

18.0125, 16.3143, 9.9842

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.5223, 18.9891, 3.1920 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(201, 85, 26)` looks like.

```
.text, #text, p{  
    color:rgb(201, 85, 26)  
}
```

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(201, 85, 26) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 85, 26) }
```

Border

The CSS property to change the border of an element to XYZ 27.5223, 18.9891, 3.1920 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(201, 85, 26) }
```


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

```
.border{ border-color:rgb(201, 85, 26) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 85, 26)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 85, 26); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 85, 26);  
box-shadow:4px 4px 4px 4px rgb(201, 85,  
26) }
```

Background

The CSS property to change the background color of an element to XYZ 27.5223, 18.9891, 3.1920 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 85, 26) }
```

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

```
.background{ background-color: rgb(201, 85,  
26) }
```

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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