

Converting Colors

XYZ(27.9211, 19.0272, 3.4833)

Have a look what the booklet for
XYZ(27.9211, 19.0272, 3.4833)
contains.

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Color

**XYZ(28.0462, 19.1361,
3.5118)**

Conversions

Conversions Part 1

Format	Color
Hex	CB541F
RGB	203, 84, 31
RGB Percent	80%, 33%, 12%
CMY	0.2039, 0.6706, 0.8784
CMYK	0.00, 0.59, 0.85, 0.20
HSL	18°, 74%, 46%
HSV	18°, 85%, 80%
XYZ	28.0462, 19.1361, 3.5118
YIQ	113.5390, 87.9370, 8.7450

Conversions

Conversions Part 2

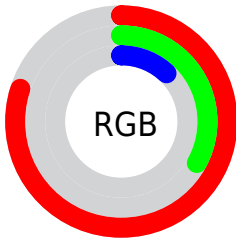
Format	Color
R_{YB}	203, 108, 31
Decimal	13325343
CIE _{Lab}	50.85, 44.75, 51.59
CIE _{LCh}	51, 68.291, 49.063
Yxy	19.1361, 0.5532, 0.3775
Android (android.graphics.Color)	4291515423 (0xFFCB541F)
YUV	113.5390, -40.6917, 78.4573
Hunter-Lab	43.7448, 37.8886, 25.8616

Details

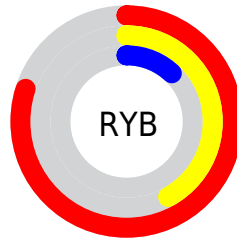
The XYZ color **28.0462, 19.1361, 3.5118** is a dark color, and the websafe version is hex **CC6633**. The color can be described as dark washed red. A complement of this color would be **22.2498, 26.4137, 60.4250**, and the grayscale version is **15.9564, 16.7874, 18.2815**.

A 20% lighter version of the original color is **51.6709, 39.7454, 12.7329**, and **11.4488, 6.5913, 0.6688** is the 20% darker color. If you saturate the color by 10%, you get **26.8749, 17.0957, 2.1910**, and if you desaturate by 10%, it is **29.6051, 21.6831, 5.7919**.

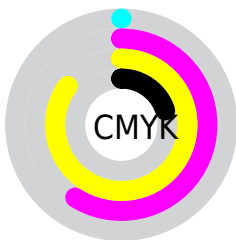
Distribution



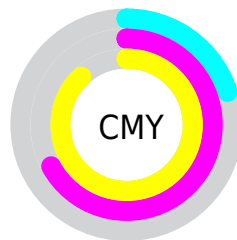
- Red (80%)
- Green (33%)
- Blue (12%)



- Red (80%)
- Yellow (42%)
- Blue (12%)



- Cyan (0%)
- Magenta (59%)
- Yellow (85%)
- Black (20%)





- Cyan (20%)
- Magenta (67%)
- Yellow (88%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 28.0462, 19.1361, 3.5118 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 28.0462, 19.1361, 3.5118 by changing the saturation by 10% instead.


 28.0462, 19.1361,
3.5118


 28.0462, 19.1361,
3.5118


284.7637,
247.1991, 142.6338


 18.5011, 11.7687,
1.3615


 55.9663, 41.9639,
12.8672


 11.4122, 6.5864,
0.1114


 75.0721, 58.1932,
20.9094

 6.4141, 3.2048,
0.0000


 98.0954, 78.1451,
31.7527

 3.1415, 1.2396,
0.0000

 125.4017,
102.2041, 45.8155

 1.2291, 0.0937,
0.0000

 157.3564,
130.7546, 63.5165

 0.1291, 0.0000,
0.0000

 194.3247,

 0.0000, 0.0000,

164.1810, 85.2742

0.0000

236.6720,
202.8677, 111.5071

28.0462, 19.1361,
3.5118

28.0462, 19.1361,
3.5118

26.8749, 17.0957,
2.1910

29.6051, 21.6831,
5.7919

26.3816, 16.2028,
1.7370

31.5898, 24.7686,
9.1789

34.0345, 28.4248,
13.7955

36.9692, 32.6806,
19.7478

40.4208, 37.5625,
27.1302

■ 44.4145, 43.0953,
36.0286

■ 48.9736, 49.3027,
46.5219

■ 54.1199, 56.2067,
58.6838

■ 59.8741, 63.8287,
72.5831

Harmonies

Analogous

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



33.3544, 19.1361, 10.9291



28.0462, 19.1361, 3.5118



20.7540, 19.1361, 1.5242

Triad

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



28.0462, 19.1361, 3.5118



8.2162, 19.1361, 14.5692



22.7476, 19.1361, 79.1080

Complementary

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



28.0462, 19.1361, 3.5118



22.2498, 26.4137, 60.4250

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.



15.8433, 19.1361, 82.4604



28.0462, 19.1361, 3.5118



8.4987, 19.1361, 35.4250

Square

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



28.0462, 19.1361, 3.5118



10.0634, 19.1361, 4.7703



10.9623, 19.1361, 63.2086



29.8116, 19.1361, 55.7458

Rectangle

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



28.0462, 19.1361, 3.5118



16.2262, 19.1361, 1.4877



10.9623, 19.1361, 63.2086



20.3025, 19.1361, 82.9877

Sweetspot

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



28.0466, 19.1372, 3.5121



73.9400, 71.5696, 59.3518



30.7368, 15.9239, 30.9024



15.2981, 14.5907, 11.5163



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.



28.0466, 19.1372, 3.5121



44.0062, 26.7923, 2.8521



38.9893, 41.0225, 7.1597



11.4896, 11.7682, 11.7454



16.8609, 10.4547, 1.1293



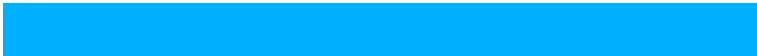
0.9375, 0.6747, 0.0808

Inverse Universe

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



22.2498, 26.4137, 60.4250



33.6568, 38.4335, 100.2523



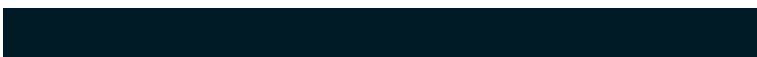
13.2580, 8.4300, 57.4277



11.2402, 12.1209, 14.3175



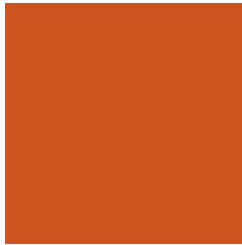
12.9531, 14.9302, 38.1554



0.7336, 0.9010, 1.9902

Previews

White Background



This preview shows how the XYZ color 28.0462, 19.1361, 3.5118 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 28.0462, 19.1361, 3.5118 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 28.0462, 19.1361, 3.5118

Background



This preview shows how black text looks on a background with the XYZ color 28.0462, 19.1361, 3.5118.



This preview shows how white text looks on a background with the XYZ color 28.0462, 19.1361,

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

28.0462, 19.1361, 3.5118

Protanopia

17.5131, 19.3134, 4.9026

Deuteranopia

19.5434, 19.1660, 3.1213



Tritanopia

29.5731, 19.2112, 10.5370

Trichromacy



Original Color

28.0462, 19.1361, 3.5118

Protanomaly

20.1937, 18.3323, 4.2244

Deuteranomaly

22.0989, 18.7254, 3.1591

Tritanomaly

28.7984, 19.1039, 7.1706

Monochromacy



Original Color

28.0462, 19.1361, 3.5118

Achromatopsia

15.9940, 16.8269, 18.3245

Achromatomaly

18.3045, 16.4516, 10.5982

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.0462, 19.1361, 3.5118 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(203, 84, 31)` looks like.

```
.text, #text, p{  
    color:rgb(203, 84, 31)  
}
```

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(203, 84, 31) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 84, 31) }
```

Border

The CSS property to change the border of an element to XYZ 28.0462, 19.1361, 3.5118 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(203, 84, 31) }
```


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

```
.border{ border-color:rgb(203, 84, 31) }
```

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

Here you see how a box with a 4 pixel rgb(203, 84, 31) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 84, 31); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 84, 31);  
box-shadow:4px 4px 4px 4px rgb(203, 84,  
31) }
```

Background

The CSS property to change the background color of an element to XYZ 28.0462, 19.1361, 3.5118 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 84, 31) }
```

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

```
.background{ background-color: rgb(203, 84,  
31) }
```

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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