

Converting Colors

XYZ(27.0697, 19.0658, 2.7401)

Have a look what the booklet for
XYZ(27.0697, 19.0658, 2.7401)
contains.

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Color

**XYZ(27.1364, 19.1590,
2.7580)**

Conversions

Conversions Part 1

Format	Color
Hex	C75810
RGB	199, 88, 16
RGB Percent	78%, 35%, 6%
CMY	0.2196, 0.6549, 0.9372
CMYK	0.00, 0.56, 0.92, 0.22
HSL	24°, 85%, 42%
HSV	24°, 92%, 78%
XYZ	27.1364, 19.1590, 2.7580
YIQ	112.9810, 89.2680, 1.1400

Conversions

Conversions Part 2

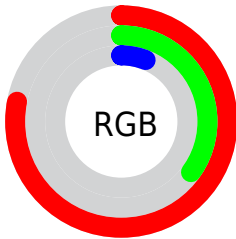
Format	Color
R_{YB}	199, 135, 16
Decimal	13064208
CIE Lab	50.87, 40.99, 56.56
CIE LCh	51, 69.854, 54.068
Yxy	19.1590, 0.5532, 0.3906
Android (android.graphics.Color)	4291254288 (0xFFC75810)
YUV	112.9810, -47.8116, 75.4387
Hunter-Lab	43.7710, 34.0642, 26.9038

Details

The XYZ color **27.1364, 19.1590, 2.7580** 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 **18.1111, 19.4109, 56.8244**, and the grayscale version is **15.8101, 16.6334, 18.1138**.

A 20% lighter version of the original color is **51.7236, 40.4584, 10.8775**, and **11.1121, 6.6650, 0.7008** is the 20% darker color. If you saturate the color by 10%, you get **26.2988, 17.6337, 2.0175**, and if you desaturate by 10%, it is **28.4345, 21.3979, 4.2928**.

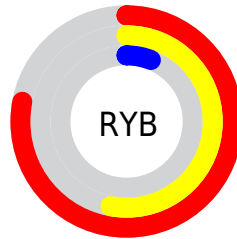
Distribution



Red (78%)

Green (35%)

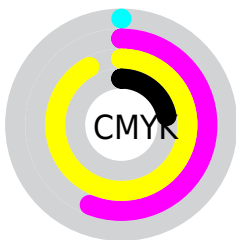
Blue (6%)



Red (78%)

Yellow (53%)

Blue (6%)

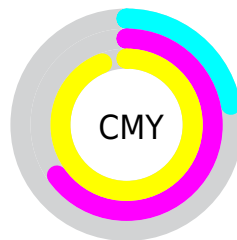


Cyan (0%)

Magenta (56%)

Yellow (92%)

Black (22%)



Cyan (22%)


Magenta (65%)


Yellow (94%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 27.1364, 19.1590, 2.7580 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 27.1364, 19.1590, 2.7580 by changing the saturation by 10% instead.


 27.1364, 19.1590,
2.7580

 27.1364, 19.1590,
2.7580


280.4725,
247.3251, 133.2161


 17.8128, 11.7852,
0.9724


 54.5210, 42.0026,
11.0252


 10.9145, 6.5976,
0.0000


 73.3127, 58.2412,
18.3439

 6.0763, 3.2117,
0.0000


 95.9912, 78.2036,
28.3441

 2.9326, 1.2433,
0.0000

 122.9218,
102.2740, 41.4444

 1.1182, 0.0966,
0.0000

 154.4699,
130.8370, 58.0631


 0.0403, 0.0000,
0.0000


 191.0008,


 0.0000, 0.0000,


164.2770, 78.6190


0.0000


 232.8799,
202.9782, 103.5305


 27.1364, 19.1590,
2.7580


 27.1364, 19.1590,
2.7580


 26.2988, 17.6337,
2.0175

 28.4345, 21.3979,
4.2928

 30.0723, 24.0464,
6.7725

 32.0820, 27.1294,
10.3290

 34.4906, 30.6683,
15.0723

 37.3223, 34.6831,
21.0990

■ 40.5993, 39.1922,
28.4955

■ 44.3418, 44.2128,
37.3404

■ 48.5689, 49.7615,
47.7066

■ 53.2983, 55.8538,
59.6619

Harmonies

Analogous

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



33.1703, 19.1590, 8.9040



27.1364, 19.1590, 2.7580



19.6129, 19.1590, 1.3091

Triad

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



27.1364, 19.1590, 2.7580



7.9609, 19.1590, 17.1825



24.1604, 19.1590, 78.1629

Complementary

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



27.1364, 19.1590, 2.7580



18.1111, 19.4109, 56.8244

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.



16.8757, 19.1590, 85.8650



27.1364, 19.1590, 2.7580



8.5994, 19.1590, 40.4588

Square

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



27.1364, 19.1590, 2.7580



9.4561, 19.1590, 5.5839



11.4934, 19.1590, 69.0856



31.1711, 19.1590, 51.9592

Rectangle

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



27.1364, 19.1590, 2.7580



15.1779, 19.1590, 1.4623



11.4934, 19.1590, 69.0856



21.6214, 19.1590, 83.4881

Sweetspot

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



27.1368, 19.1601, 2.7583



73.3170, 71.6382, 55.0912



27.6908, 14.0937, 21.9777



15.1070, 14.5406, 10.4287



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.



27.1368, 19.1601, 2.7583



45.8295, 30.4390, 3.4598



39.4972, 43.8809, 6.8785



10.9705, 11.3102, 11.1676



16.9908, 11.4988, 1.3240



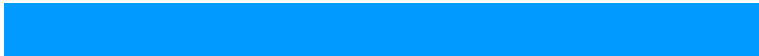
0.8748, 0.6850, 0.0861

Inverse Universe

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



18.1111, 19.4109, 56.8244



29.7154, 30.5509, 98.9385



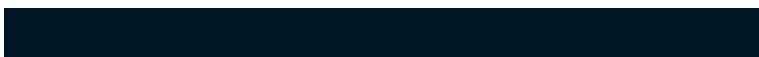
11.1950, 5.5788, 54.5190



10.5829, 11.3399, 13.5485



11.0892, 11.5723, 36.3936



0.5942, 0.6862, 1.7463

Previews

White Background



This preview shows how the XYZ color 27.1364, 19.1590, 2.7580 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 27.1364, 19.1590, 2.7580 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 27.1364, 19.1590, 2.7580

Background



This preview shows how black text looks on a background with the XYZ color 27.1364, 19.1590, 2.7580.



This preview shows how white text looks on a background with the XYZ color 27.1364, 19.1590,

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

27.1364, 19.1590, 2.7580

Protanopia

17.4625, 19.3120, 3.7845

Deuteranopia

19.5718, 19.3608, 2.7055



Tritanopia

28.8250, 19.1402, 11.1920

Trichromacy



Original Color

27.1364, 19.1590, 2.7580

Protanomaly

20.2180, 18.6834, 3.2997

Deuteranomaly

21.7645, 18.8673, 2.6669

Tritanomaly

27.8320, 18.9569, 6.6070

Monochromacy



Original Color

27.1364, 19.1590, 2.7580

Achromatopsia

15.6958, 16.5132, 17.9829

Achromatomaly

17.8271, 16.3800, 9.4298

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.1364, 19.1590, 2.7580 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(199, 88, 16)` looks like.

```
.text, #text, p{  
    color:rgb(199, 88, 16)  
}
```

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(199, 88, 16) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 88, 16) }
```

Border

The CSS property to change the border of an element to XYZ 27.1364, 19.1590, 2.7580 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(199, 88, 16) }
```


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

```
.border{ border-color:rgb(199, 88, 16) }
```

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

Here you see how a box with a 4 pixel rgb(199, 88, 16) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 88, 16); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 88, 16);  
box-shadow:4px 4px 4px 4px rgb(199, 88,  
16) }
```

Background

The CSS property to change the background color of an element to XYZ 27.1364, 19.1590, 2.7580 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 88, 16) }
```

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

```
.background{ background-color: rgb(199, 88,  
16) }
```

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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