

Converting Colors

XYZ(30.5696, 19.1626, 2.7079)

Have a look what the booklet for
XYZ(30.5696, 19.1626, 2.7079)
contains.

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Color

**XYZ(30.4592, 19.1288,
2.7029)**

Conversions

Conversions Part 1

Format	Color
Hex	D74813
RGB	215, 72, 19
RGB Percent	84%, 28%, 7%
CMY	0.1569, 0.7176, 0.9255
CMYK	0.00, 0.67, 0.91, 0.16
HSL	16°, 84%, 46%
HSV	16°, 91%, 84%
XYZ	30.4592, 19.1288, 2.7029
YIQ	108.7150, 102.2410, 13.8330

Conversions

Conversions Part 2

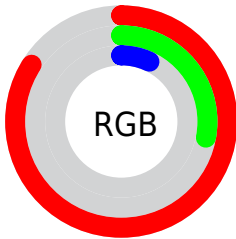
Format	Color
RYB	215, 92, 19
Decimal	14108691
CIELab	50.84, 54.07, 56.89
CIElCh	51, 78.488, 46.459
Yxy	19.1288, 0.5825, 0.3658
Android (android.graphics.Color)	4292298771 (0xFFD74813)
YUV	108.7150, -44.2295, 93.2119
Hunter-Lab	43.7365, 47.7731, 26.9514

Details

The XYZ color **30.4592, 19.1288, 2.7029** is a dark color, and the websafe version is hex **CC3300**. The color can be described as dark washed red. A complement of this color would be **25.4529, 30.8821, 68.9087**, and the grayscale version is **14.5571, 15.3152, 16.6782**.

A 20% lighter version of the original color is **49.9667, 36.8937, 10.4489**, and **12.9489, 6.6754, 0.6060** is the 20% darker color. If you saturate the color by 10%, you get **29.5446, 17.4879, 1.8183**, and if you desaturate by 10%, it is **31.8804, 21.5330, 4.5285**.

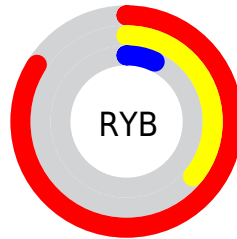
Distribution



Red (84%)

Green (28%)

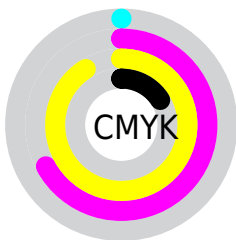
Blue (7%)



Red (84%)

Yellow (36%)

Blue (7%)

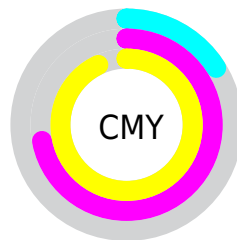


Cyan (0%)

Magenta (67%)

Yellow (91%)

Black (16%)



Cyan (16%)


Magenta (72%)


Yellow (93%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 30.4592, 19.1288, 2.7029 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 30.4592, 19.1288, 2.7029 by changing the saturation by 10% instead.


 30.4592, 19.1288,
2.7029


 30.4592, 19.1288,
2.7029


295.9106,
247.1589, 132.4817


 20.3372, 11.7634,
0.9449


 59.7693, 41.9516,
10.8861


 12.7501, 6.5828,
0.0000


 79.6881, 58.1778,
18.1485

 7.3325, 3.2026,
0.0000


 103.6032, 78.1264,
28.0827

 3.7191, 1.2384,
0.0000

 131.8799,
102.1818, 41.1075

 1.5445, 0.0927,
0.0000

 164.8837,
130.7283, 57.6412


 0.3558, 0.0000,
0.0000


 202.9798,


 0.0000, 0.0000,


164.1504, 78.1025


0.0000


 246.5337,
202.8325, 102.9098


 30.4592, 19.1288,
2.7029


 30.4592, 19.1288,
2.7029


 29.5446, 17.4879,
1.8183

 31.8804, 21.5330,
4.5285

 33.7817, 24.5710,
7.5198

 36.2094, 28.2884,
11.8372

 39.2031, 32.7252,
17.6152

 42.7983, 37.9182,
24.9717

■ 47.0276, 43.9014,
34.0125

■ 51.9208, 50.7068,
44.8339

■ 57.5060, 58.3644,
57.5251

■ 63.8096, 66.9029,
72.1693

Harmonies

Analogous

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



36.4800, 19.1288, 10.9472



30.4592, 19.1288, 2.7029



21.8872, 19.1288, 0.7932

Triad

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



30.4592, 19.1288, 2.7029



7.2231, 19.1288, 12.3683



22.7250, 19.1288, 94.1050

Complementary

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



30.4592, 19.1288, 2.7029



25.4529, 30.8821, 68.9087

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.



14.9193, 19.1288, 95.6466



30.4592, 19.1288, 2.7029



7.3295, 19.1288, 35.3626

Square

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



30.4592, 19.1288, 2.7029



9.3969, 19.1288, 3.1151



9.7458, 19.1288, 69.4148



31.2204, 19.1288, 66.0509

Rectangle

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



30.4592, 19.1288, 2.7029



16.5604, 19.1288, 0.6755



9.7458, 19.1288, 69.4148



19.9048, 19.1288, 98.1906

Sweetspot

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



30.4596, 19.1299, 2.7032



71.8954, 68.3646, 55.9444



34.8439, 17.5475, 36.0756



14.8780, 13.9195, 10.8553



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.



30.4596, 19.1299, 2.7032



43.3660, 25.5120, 2.6387



42.3792, 42.9691, 6.6764



12.6938, 12.9618, 12.9936



17.7470, 10.6113, 1.1128



1.1392, 0.7775, 0.0900

Inverse Universe

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



25.4529, 30.8821, 68.9087



35.6161, 42.3523, 100.9054



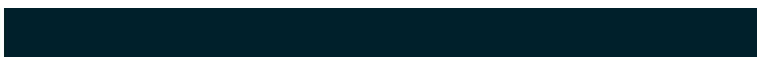
14.4093, 8.7948, 65.2275



12.4949, 13.5133, 15.8873



14.6249, 17.5116, 41.0624



0.9490, 1.1900, 2.4990

Previews

White Background



This preview shows how the XYZ color 30.4592, 19.1288, 2.7029 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 30.4592, 19.1288, 2.7029 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 30.4592, 19.1288, 2.7029

Background



This preview shows how black text looks on a background with the XYZ color 30.4592, 19.1288, 2.7029.



This preview shows how white text looks on a background with the XYZ color 30.4592, 19.1288,

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

30.4592, 19.1288, 2.7029

Protanopia

17.5368, 19.3417, 4.1755

Deuteranopia

19.4572, 19.1315, 2.6672



Tritanopia

31.4634, 19.0682, 7.9835

Trichromacy



Original Color

30.4592, 19.1288, 2.7029

Protanomaly

20.6652, 17.9791, 3.4180

Deuteranomaly

22.4047, 18.1691, 2.5271

Tritanomaly

31.0669, 19.1031, 5.2987

Monochromacy



Original Color

30.4592, 19.1288, 2.7029

Achromatopsia

14.5356, 15.2926, 16.6537

Achromatomaly

17.7001, 15.1834, 8.8353

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.4592, 19.1288, 2.7029 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(215, 72, 19)` looks like.

```
.text, #text, p{  
    color:rgb(215, 72, 19)  
}
```

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(215, 72, 19) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 72, 19) }
```

Border

The CSS property to change the border of an element to XYZ 30.4592, 19.1288, 2.7029 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(215, 72, 19) }
```


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

```
.border{ border-color:rgb(215, 72, 19) }
```

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

Here you see how a box with a 4 pixel rgb(215, 72, 19) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 72, 19); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 72, 19);  
box-shadow:4px 4px 4px 4px rgb(215, 72,  
19) }
```

Background

The CSS property to change the background color of an element to XYZ 30.4592, 19.1288, 2.7029 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 72, 19) }
```

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

```
.background{ background-color: rgb(215, 72,  
19) }
```

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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