

Converting Colors

XYZ(30.2418, 19.1630, 4.3149)

Have a look what the booklet for
XYZ(30.2418, 19.1630, 4.3149)
contains.

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Color

**XYZ(30.3073, 19.2109,
4.3012)**

Conversions

Conversions Part 1

Format	Color
Hex	D54A2A
RGB	213, 74, 42
RGB Percent	84%, 29%, 16%
CMY	0.1647, 0.7098, 0.8353
CMYK	0.00, 0.65, 0.80, 0.16
HSL	11°, 67%, 50%
HSV	11°, 80%, 84%
XYZ	30.3073, 19.2109, 4.3012
YIQ	111.9130, 93.1160, 19.5160

Conversions

Conversions Part 2

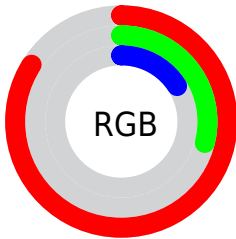
Format	Color
R_{YB}	213, 81, 42
Decimal	13978154
CIE Lab	50.93, 53.09, 47.29
CIE LCh	51, 71.093, 41.693
Yxy	19.2109, 0.5631, 0.3570
Android (android.graphics.Color)	4292168234 (0xFFD54A2A)
YUV	111.9130, -34.4671, 88.6533
Hunter-Lab	43.8302, 46.7245, 24.8629

Details

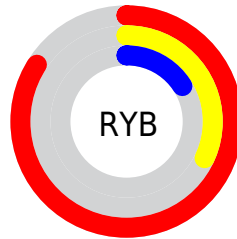
The XYZ color **30.3073, 19.2109, 4.3012** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark washed red. A complement of this color would be **29.4871, 38.3405, 68.7967**, and the grayscale version is **15.4553, 16.2602, 17.7074**.

A 20% lighter version of the original color is **50.9357, 37.6987, 14.2648**, and **12.6428, 6.6143, 0.6103** is the 20% darker color. If you saturate the color by 10%, you get **29.0211, 17.0954, 2.4652**, and if you desaturate by 10%, it is **32.1147, 22.0457, 7.3095**.

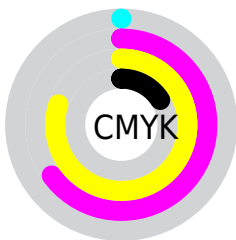
Distribution



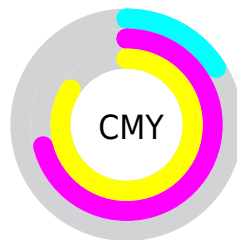
- Red (84%)
- Green (29%)
- Blue (16%)



- Red (84%)
- Yellow (32%)
- Blue (16%)



- Cyan (0%)
- Magenta (65%)
- Yellow (80%)
- Black (16%)





- Cyan (16%)
- Magenta (71%)
- Yellow (84%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 30.3073, 19.2109, 4.3012 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 30.3073, 19.2109, 4.3012 by changing the saturation by 10% instead.


 30.3073, 19.2109,
4.3012


 30.3073, 19.2109,
4.3012


295.2184,
247.6106, 151.5166


 20.2212, 11.8228,
1.7920


 59.5311, 42.0902,
14.6987


 12.6651, 6.6231,
0.4227


 79.3995, 58.3501,
23.4240

 7.2738, 3.2275,
0.0000


 103.2594, 78.3361,
35.0585

 3.6817, 1.2516,
0.0000

 131.4761,
102.4325, 50.0206

 1.5237, 0.1033,
0.0000

 164.4150,
131.0238, 68.7289

 0.3419, 0.0000,
0.0000

 202.4415,

 0.0000, 0.0000,

164.4943, 91.6020

0.0000

245.9208,
203.2284, 119.0584

■ 30.3073, 19.2109,
4.3012

■ 30.3073, 19.2109,
4.3012

■ 29.0211, 17.0954,
2.4652

■ 32.1147, 22.0457,
7.3095

■ 28.1948, 15.6549,
1.5357

■ 34.4941, 25.6552,
11.6454

■ 37.4910, 30.0930,
17.4413

■ 41.1460, 35.4070,
24.8130

■ 45.4960, 41.6411,
33.8650

■ 50.5752, 48.8366,
44.6923

■ 56.4154, 57.0319,
57.3832

■ 63.0466, 66.2635,
72.0199

■ 70.4970, 76.5660,
88.6798

Harmonies

Analogous

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



34.9239, 19.2109, 14.0199



30.3073, 19.2109, 4.3012



22.8359, 19.2109, 1.4964

Triad

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



30.3073, 19.2109, 4.3012



8.2084, 19.2109, 10.9728



21.1341, 19.2109, 86.2032

Complementary

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



30.3073, 19.2109, 4.3012



29.4871, 38.3405, 68.7967

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.



14.3392, 19.2109, 83.2702



30.3073, 19.2109, 4.3012



7.9742, 19.2109, 29.7715

Square

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



30.3073, 19.2109, 4.3012



10.6722, 19.2109, 3.2935



9.9208, 19.2109, 58.6064



28.7898, 19.2109, 65.0996

Rectangle

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



30.3073, 19.2109, 4.3012



17.8634, 19.2109, 1.1864



9.9208, 19.2109, 58.6064



18.6612, 19.2109, 88.2379

Sweetspot

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



30.3077, 19.2120, 4.3015



72.8477, 68.9311, 60.3868



36.6757, 19.1650, 45.8326



15.0110, 13.9297, 11.6880



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.



30.3077, 19.2120, 4.3015



42.7112, 24.1129, 2.6960



40.2307, 39.0579, 7.6092



12.6095, 12.7932, 12.9654



17.2779, 9.6731, 0.9564



1.0991, 0.6973, 0.0767

Inverse Universe

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



29.4871, 38.3405, 68.7967



41.0217, 52.9738, 102.6706



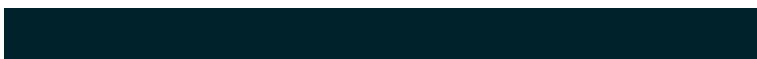
17.1617, 13.6896, 64.6882



12.5854, 13.6942, 15.9174



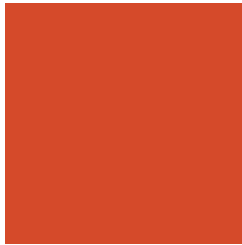
16.5501, 21.3621, 41.7042



1.0505, 1.3930, 2.5328

Previews

White Background



This preview shows how the XYZ color 30.3073, 19.2109, 4.3012 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 30.3073, 19.2109, 4.3012 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 30.3073, 19.2109, 4.3012

Background



This preview shows how black text looks on a background with the XYZ color 30.3073, 19.2109, 4.3012.



This preview shows how white text looks on a background with the XYZ color 30.3073, 19.2109,

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

30.3073, 19.2109, 4.3012

Protanopia

17.6408, 19.3458, 6.4188

Deuteranopia

19.6166, 19.3568, 3.9306



Tritanopia

31.1577, 19.1709, 8.5367

Trichromacy



Original Color

30.3073, 19.2109, 4.3012

Protanomaly

20.7316, 18.1200, 5.4224

Deuteranomaly

22.6216, 18.5368, 3.8990

Tritanomaly

30.8543, 19.1504, 6.6276

Monochromacy



Original Color

30.3073, 19.2109, 4.3012

Achromatopsia

15.4009, 16.2029, 17.6450

Achromatomaly

18.4824, 15.8130, 11.0949

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.3073, 19.2109, 4.3012 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(213, 74, 42)` looks like.

```
.text, #text, p{  
    color:rgb(213, 74, 42)  
}
```

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(213, 74, 42) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 74, 42) }
```

Border

The CSS property to change the border of an element to XYZ 30.3073, 19.2109, 4.3012 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(213, 74, 42) }
```


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

```
.border{ border-color:rgb(213, 74, 42) }
```

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

Here you see how a box with a 4 pixel rgb(213, 74, 42) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 74, 42); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 74, 42);  
box-shadow:4px 4px 4px 4px rgb(213, 74,  
42) }
```

Background

The CSS property to change the background color of an element to XYZ 30.3073, 19.2109, 4.3012 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 74, 42) }
```

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

```
.background{ background-color: rgb(213, 74,  
42) }
```

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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