

Converting Colors

XYZ(30.5261, 19.2107, 5.8771)

Have a look what the booklet for
XYZ(30.5261, 19.2107, 5.8771)
contains.

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Color

**XYZ(30.5369, 19.1967,
5.8372)**

Conversions

Conversions Part 1

Format	Color
Hex	D54938
RGB	213, 73, 56
RGB Percent	84%, 29%, 22%
CMY	0.1647, 0.7137, 0.7804
CMYK	0.00, 0.66, 0.74, 0.16
HSL	7°, 65%, 53%
HSV	7°, 74%, 84%
XYZ	30.5369, 19.1967, 5.8372
YIQ	112.9220, 88.8970, 24.3930

Conversions

Conversions Part 2

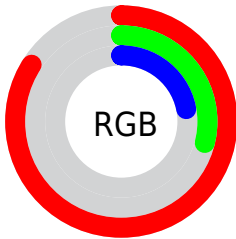
Format	Color
R_{YB}	213, 75, 56
Decimal	13977912
CIE _{Lab}	50.92, 54.02, 39.96
CIE _{LCh}	51, 67.192, 36.493
Yxy	19.1967, 0.5495, 0.3454
Android (android.graphics.Color)	4292167992 (0xFFD54938)
YUV	112.9220, -28.0625, 87.7684
Hunter-Lab	43.8140, 47.7339, 22.7708

Details

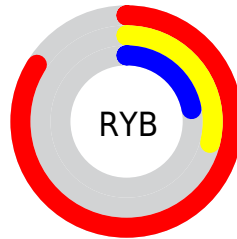
The XYZ color **30.5369, 19.1967, 5.8372** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark muted red. A complement of this color would be **33.3790, 45.1207, 69.9003**, and the grayscale version is **15.7359, 16.5554, 18.0288**.

A 20% lighter version of the original color is **51.4579, 37.6978, 17.6610**, and **12.8446, 6.6469, 0.9226** is the 20% darker color. If you saturate the color by 10%, you get **29.0593, 16.9055, 3.2984**, and if you desaturate by 10%, it is **32.6178, 22.3406, 9.6700**.

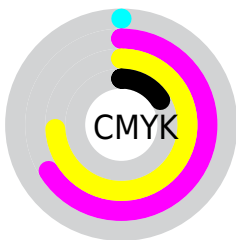
Distribution



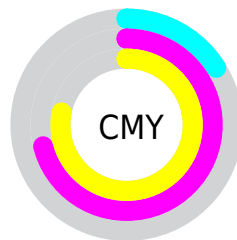
- Red (84%)
- Green (29%)
- Blue (22%)



- Red (84%)
- Yellow (29%)
- Blue (22%)



- Cyan (0%)
- Magenta (66%)
- Yellow (74%)
- Black (16%)





- Cyan (16%)
- Magenta (71%)
- Yellow (78%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 30.5369, 19.1967, 5.8372 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 30.5369, 19.1967, 5.8372 by changing the saturation by 10% instead.


 30.5369, 19.1967,
5.8372


 30.5369, 19.1967,
5.8372


296.2642,
247.5325, 166.8646

 20.3966, 11.8125,
2.6792


 59.8910, 42.0662,
18.0638


 12.7936, 6.6161,
0.9329


 79.8356, 58.3203,
27.9695


 7.3626, 3.2232,
0.0000


 103.7788, 78.2998,
40.9615

 3.7382, 1.2493,
0.0000

 132.0862,
102.3892, 57.4583

 1.5551, 0.1015,
0.0000

 165.1231,
130.9727, 77.8785

 0.3629, 0.0000,
0.0000

 203.2549,

 0.0000, 0.0000,

164.4348, 102.6405

0.0000

246.8468,
203.1600, 132.1631

■ 30.5369, 19.1967,
5.8372

■ 30.5369, 19.1967,
5.8372

■ 29.0593, 16.9055,
3.2984

■ 32.6178, 22.3406,
9.6700

■ 28.1174, 15.3796,
1.8811

■ 35.3572, 26.4068,
14.9380

■ 27.7483, 14.7618,
1.3868

■ 38.8053, 31.4613,
21.7650

■ 43.0071, 37.5632,
30.2612

■ 48.0038, 44.7671,
40.5269

■ 53.8337, 53.1235,
52.6542

■ 60.5326, 62.6800,
66.7290

■ 68.1341, 73.4815,
82.8319

■ 76.6700, 85.5705,
101.0389

Harmonies

Analogous

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



34.0743, 19.1967, 17.0384



30.5369, 19.1967, 5.8372



23.8192, 19.1967, 2.1144

Triad

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



30.5369, 19.1967, 5.8372



8.8727, 19.1967, 9.4574



19.7261, 19.1967, 82.2332

Complementary

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



30.5369, 19.1967, 5.8372



33.3790, 45.1207, 69.9003

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.



13.6177, 19.1967, 75.4589



30.5369, 19.1967, 5.8372



8.2825, 19.1967, 25.3094

Square

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



30.5369, 19.1967, 5.8372



11.6645, 19.1967, 3.1436



9.7946, 19.1967, 51.0116



26.9286, 19.1967, 66.1521

Rectangle

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



30.5369, 19.1967, 5.8372



19.0371, 19.1967, 1.5343



9.7946, 19.1967, 51.0116



17.4769, 19.1967, 82.6472

Sweetspot

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



30.5373, 19.1978, 5.8375



73.3631, 69.0308, 63.4296



38.9670, 21.0194, 55.0068



15.2254, 14.0893, 12.5893



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.



30.5373, 19.1978, 5.8375



42.8440, 24.0807, 3.6588



39.0925, 36.3081, 8.6892



12.5305, 12.6352, 12.9391



16.9866, 9.0904, 0.8593



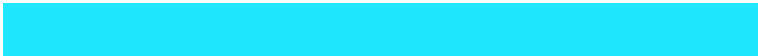
1.0620, 0.6231, 0.0643

Inverse Universe

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



33.3790, 45.1207, 69.9003



47.0923, 64.4835, 104.5723



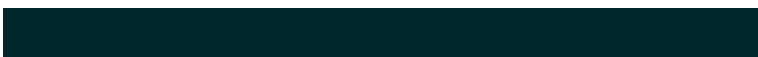
20.2141, 18.7909, 65.5120



12.6719, 13.8673, 15.9463



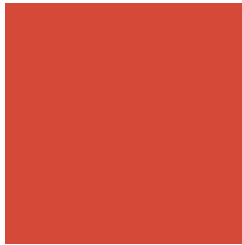
18.6201, 25.5020, 42.3941



1.1567, 1.6054, 2.5682

Previews

White Background



This preview shows how the XYZ color 30.5369, 19.1967, 5.8372 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 30.5369, 19.1967, 5.8372 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 30.5369, 19.1967, 5.8372

Background



This preview shows how black text looks on a background with the XYZ color 30.5369, 19.1967, 5.8372.



This preview shows how white text looks on a background with the XYZ color 30.5369, 19.1967,

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

30.5369, 19.1967, 5.8372

Protanopia

17.8021, 19.3735, 8.9321

Deuteranopia

19.7074, 19.3714, 5.3897



Tritanopia

31.2208, 19.2970, 8.5577

Trichromacy



Original Color

30.5369, 19.1967, 5.8372

Protanomaly

20.8340, 17.9754, 7.5258

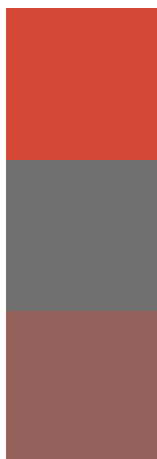
Deuteranomaly

22.5885, 18.3433, 5.3677

Tritanomaly

31.0620, 19.3361, 7.4053

Monochromacy



Original Color

30.5369, 19.1967, 5.8372

Achromatopsia

15.6958, 16.5132, 17.9829

Achromatomaly

18.6939, 15.8976, 12.2085

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.5369, 19.1967, 5.8372 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, 73, 56)` looks like.

```
.text, #text, p{  
    color:rgb(213, 73, 56)  
}
```

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, 73, 56) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 73, 56) }
```

Border

The CSS property to change the border of an element to XYZ 30.5369, 19.1967, 5.8372 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, 73, 56) }
```


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

```
.border{ border-color:rgb(213, 73, 56) }
```

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

Here you see how a box with a 4 pixel rgb(213, 73, 56) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 73, 56); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 73, 56);  
box-shadow:4px 4px 4px 4px rgb(213, 73,  
56) }
```

Background

The CSS property to change the background color of an element to XYZ 30.5369, 19.1967, 5.8372 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 73, 56) }
```

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

```
.background{ background-color: rgb(213, 73,  
56) }
```

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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