

Converting Colors

XYZ(30.1502, 18.4620, 4.0611)

Have a look what the booklet for
XYZ(30.1502, 18.4620, 4.0611)
contains.

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Color

**XYZ(30.1389, 18.4705,
4.0745)**

Conversions

Conversions Part 1

Format	Color
Hex	D64329
RGB	214, 67, 41
RGB Percent	84%, 26%, 16%
CMY	0.1608, 0.7372, 0.8392
CMYK	0.00, 0.69, 0.81, 0.16
HSL	9°, 68%, 50%
HSV	9°, 81%, 84%
XYZ	30.1389, 18.4705, 4.0745
YIQ	107.9890, 95.9580, 23.0780

Conversions

Conversions Part 2

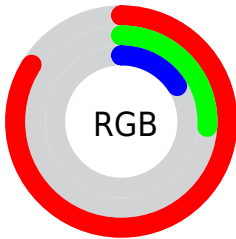
Format	Color
RYB	214, 72, 41
Decimal	14041897
CIELab	50.06, 56.21, 47.00
CIELCh	50, 73.271, 39.904
Yxy	18.4705, 0.5721, 0.3506
Android (android.graphics.Color)	4292231977 (0xFFD64329)
YUV	107.9890, -33.0256, 92.9716
Hunter-Lab	42.9773, 49.9672, 24.4631

Details

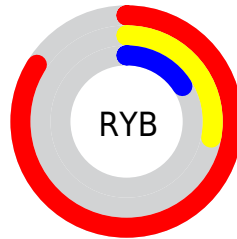
The XYZ color **30.1389, 18.4705, 4.0745** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark washed red. A complement of this color would be **31.0332, 41.2888, 69.9517**, and the grayscale version is **14.3226, 15.0685, 16.4096**.

A 20% lighter version of the original color is **50.1261, 36.1472, 13.7864**, and **12.7625, 6.5793, 0.5973** is the 20% darker color. If you saturate the color by 10%, you get **28.9452, 16.5273, 2.3079**, and if you desaturate by 10%, it is **31.8755, 21.1756, 7.0226**.

Distribution



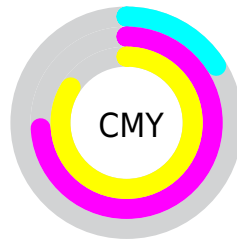
- Red (84%)
- Green (26%)
- Blue (16%)



- Red (84%)
- Yellow (28%)
- Blue (16%)



- Cyan (0%)
- Magenta (69%)
- Yellow (81%)
- Black (16%)





- Cyan (16%)
- Magenta (74%)
- Yellow (84%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 30.1389, 18.4705, 4.0745 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 30.1389, 18.4705, 4.0745 by changing the saturation by 10% instead.


 30.1389, 18.4705,
4.0745


 30.1389, 18.4705,
4.0745


294.4496,
243.5098, 149.0499

 20.0926, 11.2883,
1.6663


 59.2669, 40.8374,
14.1812


 12.5711, 6.2611,
0.3375

 79.0793, 56.7910,
22.7168

 7.2088, 3.0045,
0.0000


 102.8779, 76.4370,
34.1320

 3.6405, 1.1341,
0.0000

 131.0279,
100.1601, 48.8452

 1.5008, 0.0068,
0.0000

 163.8947,
128.3445, 67.2751

 0.3264, 0.0000,
0.0000

 201.8437,

 0.0000, 0.0000,

161.3747, 89.8401

0.0000

245.2402,
199.6350, 116.9589

■ 30.1389, 18.4705,
4.0745

■ 30.1389, 18.4705,
4.0745

■ 28.9452, 16.5273,
2.3079

■ 31.8755, 21.1756,
7.0226

■ 28.2525, 15.3384,
1.4715

■ 34.2114, 24.7083,
11.3127

■ 37.1968, 29.1308,
17.0811

■ 40.8763, 34.4983,
24.4470

■ 45.2904, 40.8616,
33.5173

■ 50.4765, 48.2678,
44.3898

■ 56.4694, 56.7608,
57.1549

■ 63.3017, 66.3824,
71.8968

■ 71.0043, 77.1717,
88.6946

Harmonies

Analogous

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



34.5758, 18.4705, 14.1470



30.1389, 18.4705, 4.0745



22.6359, 18.4705, 1.2477

Triad

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



30.1389, 18.4705, 4.0745



7.6564, 18.4705, 9.5060



19.9913, 18.4705, 87.6921

Complementary

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



30.1389, 18.4705, 4.0745



31.0332, 41.2888, 69.9517

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.



13.2988, 18.4705, 83.0149



30.1389, 18.4705, 4.0745



7.3036, 18.4705, 27.5528

Square

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



30.1389, 18.4705, 4.0745



10.2180, 18.4705, 2.6135



9.0767, 18.4705, 56.6977



27.7634, 18.4705, 66.9946

Rectangle

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



30.1389, 18.4705, 4.0745



17.5784, 18.4705, 0.9119



9.0767, 18.4705, 56.6977



17.5330, 18.4705, 89.2448

Sweetspot

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



30.1393, 18.4716, 4.0748



72.3113, 67.8583, 60.2080



37.6067, 19.5149, 49.3896



14.8855, 13.6787, 11.6461



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.



30.1393, 18.4716, 4.0748



42.2141, 23.1411, 2.4614



39.5966, 37.3861, 7.2272



12.5725, 12.7191, 12.9531



17.1244, 9.3660, 0.9053



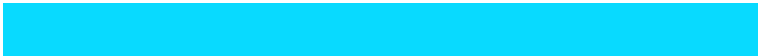
1.0817, 0.6627, 0.0709

Inverse Universe

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



31.0332, 41.2888, 69.9517



43.1688, 57.3154, 103.3955



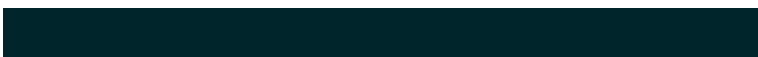
17.7593, 14.7411, 65.5271



12.6257, 13.7749, 15.9309



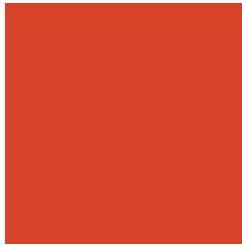
17.4869, 23.2356, 42.0164



1.0989, 1.4897, 2.5489

Previews

White Background



This preview shows how the XYZ color 30.1389, 18.4705, 4.0745 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 30.1389, 18.4705, 4.0745 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 30.1389, 18.4705, 4.0745

Background



This preview shows how black text looks on a background with the XYZ color 30.1389, 18.4705, 4.0745.



This preview shows how white text looks on a background with the XYZ color 30.1389, 18.4705,

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

30.1389, 18.4705, 4.0745

Protanopia

17.1031, 18.7050, 6.4504

Deuteranopia

18.9776, 18.6931, 3.6448



Tritanopia

30.8708, 18.5191, 7.2577

Trichromacy



Original Color

30.1389, 18.4705, 4.0745

Protanomaly

20.1515, 17.2278, 5.3952

Deuteranomaly

21.9910, 17.6523, 3.6147

Tritanomaly

30.6783, 18.5332, 5.9633

Monochromacy



Original Color

30.1389, 18.4705, 4.0745

Achromatopsia

14.2537, 14.9960, 16.3306

Achromatomaly

17.5472, 14.6718, 10.2946

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.1389, 18.4705, 4.0745 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(214, 67, 41)` looks like.

```
.text, #text, p{  
    color:rgb(214, 67, 41)  
}
```

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(214, 67, 41) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 67, 41) }
```

Border

The CSS property to change the border of an element to XYZ 30.1389, 18.4705, 4.0745 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(214, 67, 41) }
```


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

```
.border{ border-color:rgb(214, 67, 41) }
```

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

Here you see how a box with a 4 pixel rgb(214, 67, 41) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 67, 41); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 67, 41);  
box-shadow:4px 4px 4px 4px rgb(214, 67,  
41) }
```

Background

The CSS property to change the background color of an element to XYZ 30.1389, 18.4705, 4.0745 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 67, 41) }
```

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

```
.background{ background-color: rgb(214, 67,  
41) }
```

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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