

Converting Colors

XYZ(30.3351, 18.8336, 3.3788)

Have a look what the booklet for
XYZ(30.3351, 18.8336, 3.3788)
contains.

XYZ(30.4752, 18.9317, 3.4145)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(30.4752, 18.9317,
3.4145)**

Conversions

Conversions Part 1

Format	Color
Hex	D74620
RGB	215, 70, 32
RGB Percent	84%, 27%, 13%
CMY	0.1569, 0.7255, 0.8745
CMYK	0.00, 0.67, 0.85, 0.16
HSL	12°, 74%, 48%
HSV	12°, 85%, 84%
XYZ	30.4752, 18.9317, 3.4145
YIQ	109.0230, 98.6180, 18.9220

Conversions

Conversions Part 2

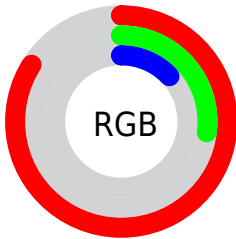
Format	Color
RYB	215, 80, 32
Decimal	14108192
CIELab	50.61, 55.12, 51.77
CIElCh	51, 75.621, 43.205
Yxy	18.9317, 0.5769, 0.3584
Android (android.graphics.Color)	4292298272 (0xFFD74620)
YUV	109.0230, -37.9723, 92.9418
Hunter-Lab	43.5106, 48.8795, 25.8046

Details

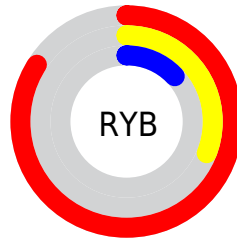
The XYZ color **30.4752, 18.9317, 3.4145** is a dark color, and the websafe version is hex **CC3300**. The color can be described as dark washed red. A complement of this color would be **28.5817, 36.6541, 69.8580**, and the grayscale version is **14.6282, 15.3900, 16.7597**.

A 20% lighter version of the original color is **50.0588, 36.5213, 12.1955**, and **12.9489, 6.6754, 0.6060** is the 20% darker color. If you saturate the color by 10%, you get **29.3536, 17.0140, 2.0386**, and if you desaturate by 10%, it is **32.0901, 21.5322, 5.8938**.

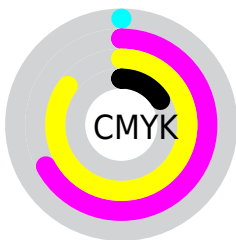
Distribution



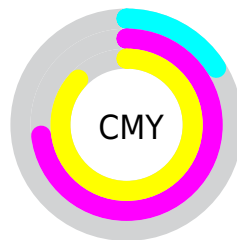
- Red (84%)
- Green (27%)
- Blue (13%)



- Red (84%)
- Yellow (31%)
- Blue (13%)



- Cyan (0%)
- Magenta (67%)
- Yellow (85%)
- Black (16%)





- Cyan (16%)
- Magenta (73%)
- Yellow (87%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 30.4752, 18.9317, 3.4145 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 30.4752, 18.9317, 3.4145 by changing the saturation by 10% instead.


 30.4752, 18.9317,
3.4145


 30.4752, 18.9317,
3.4145


295.9835,
246.0714, 141.4765


 20.3494, 11.6209,
1.3100


 59.7944, 41.6187,
12.6352


 12.7590, 6.4861,
0.0699


 79.7184, 57.7636,
20.5884


 7.3387, 3.1429,
0.0000


 103.6393, 77.6222,
31.3283

 3.7230, 1.2068,
0.0000

 131.9224,
101.5786, 45.2734

 1.5466, 0.0672,
0.0000

 164.9330,
130.0173, 62.8422

 0.3572, 0.0000,
0.0000

 203.0365,

 0.0000, 0.0000,

163.3228, 84.4533

0.0000

246.5982,
201.8794, 110.5252

30.4752, 18.9317,
3.4145

30.4752, 18.9317,
3.4145

29.3536, 17.0140,
2.0386

32.0901, 21.5322,
5.8938

28.9494, 16.2975,
1.6199

34.2524, 24.8715,
9.6523

37.0097, 29.0031,
14.8353

40.4039, 33.9744,
21.5682

44.4727, 39.8291,
29.9625

■ 49.2510, 46.6078,
40.1193

■ 54.7712, 54.3484,
52.1316

■ 61.0634, 63.0868,
66.0861

■ 68.1564, 72.8571,
82.0637

Harmonies

Analogous

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



35.6897, 18.9317, 12.6404



30.4752, 18.9317, 3.4145



22.4231, 18.9317, 1.0408

Triad

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



30.4752, 18.9317, 3.4145



7.5259, 18.9317, 10.9439



21.4414, 18.9317, 91.1035

Complementary

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



30.4752, 18.9317, 3.4145



28.5817, 36.6541, 69.8580

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.



14.1903, 18.9317, 89.3368



30.4752, 18.9317, 3.4145



7.3976, 18.9317, 31.3849

Square

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



30.4752, 18.9317, 3.4145



9.9096, 18.9317, 2.8988



9.4924, 18.9317, 62.9474



29.5890, 18.9317, 66.8212

Rectangle

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



30.4752, 18.9317, 3.4145



17.2107, 18.9317, 0.8216



9.4924, 18.9317, 62.9474



18.8007, 18.9317, 93.8589

Sweetspot

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



30.4756, 18.9328, 3.4148



71.6238, 67.3832, 57.2048



36.6167, 18.7105, 44.0118



14.7872, 13.6541, 11.0832



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.



30.4756, 18.9328, 3.4148



42.5114, 23.8028, 2.3538



40.8730, 39.7275, 6.8806



12.6302, 12.8345, 12.9723



17.3773, 9.8719, 0.9896



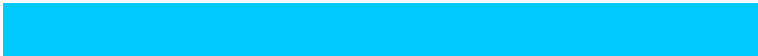
1.1087, 0.7166, 0.0799

Inverse Universe

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



28.5817, 36.6541, 69.8580



39.1792, 49.4784, 102.0931



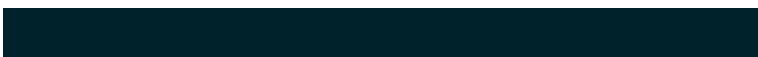
16.2616, 12.0137, 65.7512



12.5630, 13.6495, 15.9100



16.0514, 20.3645, 41.5379



1.0245, 1.3410, 2.5241

Previews

White Background



This preview shows how the XYZ color 30.4752, 18.9317, 3.4145 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 30.4752, 18.9317, 3.4145 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 30.4752, 18.9317, 3.4145

Background



This preview shows how black text looks on a background with the XYZ color 30.4752, 18.9317, 3.4145.



This preview shows how white text looks on a background with the XYZ color 30.4752, 18.9317,

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

30.4752, 18.9317, 3.4145

Protanopia

17.3027, 19.0151, 5.2410

Deuteranopia

19.3005, 19.0469, 2.8315



Tritanopia

31.3413, 18.9250, 7.6313

Trichromacy



Original Color

30.4752, 18.9317, 3.4145

Protanomaly

20.4442, 17.5485, 4.3171

Deuteranomaly

22.4526, 18.1883, 2.7792

Tritanomaly

31.0399, 18.8988, 5.7532

Monochromacy



Original Color

30.4752, 18.9317, 3.4145

Achromatopsia

14.5356, 15.2926, 16.6537

Achromatomaly

17.7902, 15.0744, 9.7566

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.4752, 18.9317, 3.4145 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, 70, 32)` looks like.

```
.text, #text, p{  
    color:rgb(215, 70, 32)  
}
```

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, 70, 32) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 70, 32) }
```

Border

The CSS property to change the border of an element to XYZ 30.4752, 18.9317, 3.4145 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, 70, 32) }
```


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

```
.border{ border-color:rgb(215, 70, 32) }
```

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

Here you see how a box with a 4 pixel rgb(215, 70, 32) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 70, 32); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 70, 32);  
box-shadow:4px 4px 4px 4px rgb(215, 70,  
32) }
```

Background

The CSS property to change the background color of an element to XYZ 30.4752, 18.9317, 3.4145 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 70, 32) }
```

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

```
.background{ background-color: rgb(215, 70,  
32) }
```

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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