

Converting Colors

XYZ(30.9267, 18.8087, 5.2515)

Have a look what the booklet for
XYZ(30.9267, 18.8087, 5.2515)
contains.

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Color

**XYZ(30.9459, 18.8612,
5.2584)**

Conversions

Conversions Part 1

Format	Color
Hex	D84334
RGB	216, 67, 52
RGB Percent	85%, 26%, 20%
CMY	0.1529, 0.7372, 0.7961
CMYK	0.00, 0.69, 0.76, 0.15
HSL	5°, 68%, 53%
HSV	5°, 76%, 85%
XYZ	30.9459, 18.8612, 5.2584
YIQ	109.8410, 93.6190, 26.9230

Conversions

Conversions Part 2

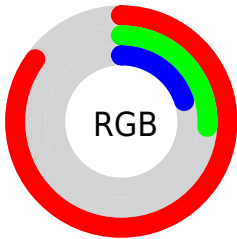
Format	Color
RYB	216, 69, 52
Decimal	14172980
CIELab	50.52, 57.23, 41.86
CIELCh	51, 70.908, 36.186
Yxy	18.8612, 0.5620, 0.3425
Android (android.graphics.Color)	4292363060 (0xFFD84334)
YUV	109.8410, -28.5156, 93.1014
Hunter-Lab	43.4295, 51.1895, 23.2219

Details

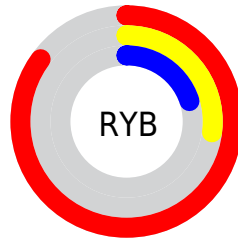
The XYZ color **30.9459, 18.8612, 5.2584** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark muted red. A complement of this color would be **34.6951, 47.4566, 72.2967**, and the grayscale version is **14.8369, 15.6096, 16.9988**.

A 20% lighter version of the original color is **50.6232, 36.3460, 16.4039**, and **13.1752, 6.7876, 0.8167** is the 20% darker color. If you saturate the color by 10%, you get **29.5903, 16.7588, 2.9305**, and if you desaturate by 10%, it is **32.9199, 21.8451, 8.8898**.

Distribution



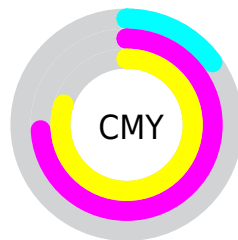
- Red (85%)
- Green (26%)
- Blue (20%)



- Red (85%)
- Yellow (27%)
- Blue (20%)



- Cyan (0%)
- Magenta (69%)
- Yellow (76%)
- Black (15%)





- Cyan (15%)
- Magenta (74%)
- Yellow (80%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 30.9459, 18.8612, 5.2584 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 30.9459, 18.8612, 5.2584 by changing the saturation by 10% instead.


 30.9459, 18.8612,
5.2584


 30.9459, 18.8612,
5.2584


298.1203,
245.6814, 161.3263


 20.7093, 11.5700,
2.3383


 60.5313, 41.4994,
16.8213


 13.0229, 6.4516,
0.7525


 80.6108, 57.6153,
26.3012


 7.5214, 3.1216,
0.0000

 104.7020, 77.4415,
38.8047

 3.8395, 1.1955,
0.0000

 133.1702,
101.3624, 54.7505

 1.6117, 0.0581,
0.0000

 166.3808,
129.7625, 74.5570

 0.4000, 0.0000,
0.0000

 204.6991,

 0.0000, 0.0000,

163.0261, 98.6427

0.0000

248.4905,
201.5376, 127.4263

■ 30.9459, 18.8612,
5.2584

■ 30.9459, 18.8612,
5.2584

■ 29.5903, 16.7588,
2.9305

■ 32.9199, 21.8451,
8.8898

■ 28.7766, 15.4375,
1.7158


■ 35.5739, 25.7897,
13.9774


■ 28.5648, 15.0910,
1.4073


■ 38.9634, 30.7694,
20.6538


■ 43.1376, 36.8502,
29.0364

■ 48.1418, 44.0926,
39.2315

 54.0175, 52.5527,
51.3366

 60.8035, 62.2830,
65.4425

 68.5364, 73.3329,
81.6340

 77.2507, 85.7491,
99.9911

Harmonies

Analogous

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



34.6659, 18.8612, 16.6999



30.9459, 18.8612, 5.2584



23.8509, 18.8612, 1.6837

Triad

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



30.9459, 18.8612, 5.2584



8.3050, 18.8612, 8.6771



19.3986, 18.8612, 86.4448

Complementary

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



30.9459, 18.8612, 5.2584



34.6951, 47.4566, 72.2967

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.



13.0754, 18.8612, 78.8055



30.9459, 18.8612, 5.2584



7.6893, 18.8612, 24.9202

Square

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



30.9459, 18.8612, 5.2584



11.1656, 18.8612, 2.5830



9.1928, 18.8612, 52.2307



26.9812, 18.8612, 69.1682

Rectangle

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



30.9459, 18.8612, 5.2584



18.8263, 18.8612, 1.1552



9.1928, 18.8612, 52.2307



17.0568, 18.8612, 86.8035

Sweetspot

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



30.9463, 18.8623, 5.2587



72.2980, 67.3702, 61.6269



40.2469, 21.3350, 58.0807



14.8484, 13.5163, 11.9057



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.



30.9463, 18.8623, 5.2587



42.3018, 23.1370, 3.0443



39.4763, 35.9222, 8.1020



12.5137, 12.6017, 12.9335



16.9419, 9.0010, 0.8444



1.0541, 0.6073, 0.0617

Inverse Universe

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



34.6951, 47.4566, 72.2967



47.7575, 66.1121, 104.8516



20.5675, 19.2013, 67.5874



12.6905, 13.9044, 15.9525



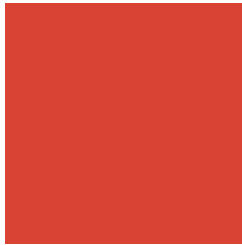
19.0933, 26.4484, 42.5519



1.1806, 1.6533, 2.5762

Previews

White Background



This preview shows how the XYZ color 30.9459, 18.8612, 5.2584 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 30.9459, 18.8612, 5.2584 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 30.9459, 18.8612, 5.2584

Background



This preview shows how black text looks on a background with the XYZ color 30.9459, 18.8612, 5.2584.



This preview shows how white text looks on a background with the XYZ color 30.9459, 18.8612,

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

30.9459, 18.8612, 5.2584

Protanopia

17.5844, 19.0910, 8.3883

Deuteranopia

19.2935, 19.0009, 4.7485



Tritanopia

31.5490, 18.9497, 7.4637

Trichromacy



Original Color

30.9459, 18.8612, 5.2584

Protanomaly

20.6551, 17.4528, 6.9827

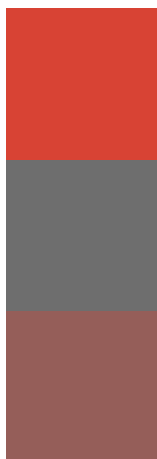
Deuteranomaly

22.5205, 18.0388, 4.7775

Tritanomaly

31.4330, 18.9959, 6.5673

Monochromacy



Original Color

30.9459, 18.8612, 5.2584

Achromatopsia

14.8208, 15.5926, 16.9804

Achromatomaly

18.2003, 15.1162, 11.4097

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.9459, 18.8612, 5.2584 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(216, 67, 52)` looks like.

```
.text, #text, p{  
    color:rgb(216, 67, 52)  
}
```

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(216, 67, 52) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 67, 52) }
```

Border

The CSS property to change the border of an element to XYZ 30.9459, 18.8612, 5.2584 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(216, 67, 52) }
```


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

```
.border{ border-color:rgb(216, 67, 52) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 67, 52)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 67, 52); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 67, 52);  
box-shadow:4px 4px 4px 4px rgb(216, 67,  
52) }
```

Background

The CSS property to change the background color of an element to XYZ 30.9459, 18.8612, 5.2584 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 67, 52) }
```

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

```
.background{ background-color: rgb(216, 67,  
52) }
```

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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