

Converting Colors

XYZ(30.8014, 29.1448, 4.6182)

Have a look what the booklet for
XYZ(30.8014, 29.1448, 4.6182)
contains.

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Color

**XYZ(30.8014, 29.1448,
4.6182)**

Conversions

Conversions Part 1

Format	Color
Hex	C08913
RGB	192, 137, 19
RGB Percent	75%, 54%, 7%
CMY	0.2471, 0.4627, 0.9255
CMYK	0.00, 0.29, 0.90, 0.25
HSL	41°, 82%, 41%
HSV	41°, 90%, 75%
XYZ	30.8014, 29.1448, 4.6182
YIQ	139.9930, 70.6580, -25.0380

Conversions

Conversions Part 2

Format	Color
R_{YB}	100, 192, 19
Decimal	12618003
CIE Lab	60.91, 11.93, 62.85
CIE LCh	61, 63.976, 79.251
Yxy	29.1448, 0.4771, 0.4514
Android (android.graphics.Color)	4290808083 (0xFFC08913)
YUV	139.9930, -59.6495, 45.6101
Hunter-Lab	53.9859, 7.3669, 32.7182

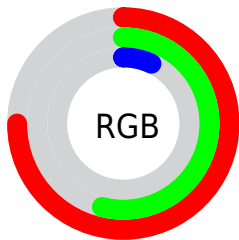
Details

The XYZ color **30.8014, 29.1448, 4.6182** is a dark color, and the websafe version is hex **CC9933**.

The color can be described as dark washed orange. A complement of this color would be **12.2318, 8.8419, 50.9306**, and the grayscale version is **25.1308, 26.4396, 28.7927**.

A 20% lighter version of the original color is **60.3328, 58.2741, 15.4653**, and **13.0811, 11.8029, 1.5887** is the 20% darker color. If you saturate the color by 10%, you get **29.8494, 27.4291, 3.7211**, and if you desaturate by 10%, it is **31.9301, 31.0253, 6.1569**.

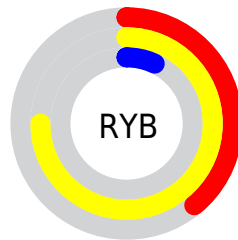
Distribution



Red (75%)

Green (54%)

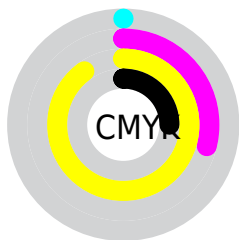
Blue (7%)



Red (39%)

Yellow (75%)

Blue (7%)

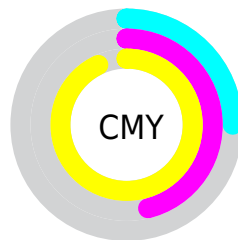


Cyan (0%)

Magenta (29%)

Yellow (90%)

Black (25%)



Cyan (25%)

Magenta (46%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.8014, 29.1448, 4.6182 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 30.8014, 29.1448, 4.6182 by changing the saturation by 10% instead.

■ 30.8014, 29.1448,
4.6182

■ 30.8014, 29.1448,
4.6182

297.4656,
297.8976, 154.8670

■ 20.5988, 19.1904,
1.9703

■ 60.3052, 58.3071,
15.4121

■ 12.9418, 11.8079,
0.5369

■ 80.3371, 78.2837,
24.3952

■ 7.4652, 6.6130,
0.0000

■ 104.3761,
102.3699, 36.3271

■ 3.8036, 3.2213,
0.0000

■ 132.7876,
130.9500, 51.6262

■ 1.5916, 1.2483,
0.0000

■ 165.9370,
164.4084, 70.7113

■ 0.3870, 0.1007,
0.0000

■ 204.1895,

■ 0.0000, 0.0000,

203.1295, 94.0007

0.0000

247.9106,
247.4978, 121.9131

30.8014, 29.1448,
4.6182

30.8014, 29.1448,
4.6182

29.8494, 27.4291,
3.7211

31.9301, 31.0253,
6.1569

33.2678, 33.0681,
8.5537

34.8378, 35.2847,
11.9231

36.6588, 37.6841,
16.3613

38.7477, 40.2739,
21.9530

■ 41.1196, 43.0615,
28.7743

■ 43.7883, 46.0536,
36.8946

■ 46.7668, 49.2563,
46.3782

■ 50.0670, 52.6755,
57.2852

Harmonies

Analogous

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



39.5441, 29.1448, 8.1059



30.8014, 29.1448, 4.6182



22.7428, 29.1448, 5.1232

Triad

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



30.8014, 29.1448, 4.6182



15.1512, 29.1448, 49.4144



41.7142, 29.1448, 72.1486

Complementary

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



30.8014, 29.1448, 4.6182



12.2318, 8.8419, 50.9306

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.



33.3327, 29.1448, 97.8473



30.8014, 29.1448, 4.6182



18.4959, 29.1448, 80.7983

Square

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



30.8014, 29.1448, 4.6182



14.7434, 29.1448, 23.9149



24.8164, 29.1448, 101.6285



46.6341, 29.1448, 41.0942

Rectangle

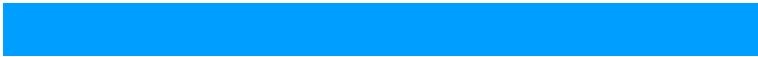
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



30.8014, 29.1448, 4.6182



18.7424, 29.1448, 7.7991



24.8164, 29.1448, 101.6285



39.1383, 29.1448, 82.2461

Sweetspot

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



30.8021, 29.1463, 4.6188



75.7437, 79.4356, 55.8282



23.2990, 12.2035, 8.0879



15.9091, 16.6527, 10.9631



92.9021, 97.7402, 106.4391



19.4759, 20.4902, 22.3138

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



30.8021, 29.1463, 4.6188



53.8492, 49.2268, 6.6636



34.1056, 45.5501, 7.6109



10.6347, 11.2008, 10.6633



20.1582, 18.6022, 2.5281



0.9308, 0.9233, 0.1292

Inverse Universe

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



12.2318, 8.8419, 50.9306



20.0676, 12.5519, 91.7254



10.9587, 4.8962, 50.2362



9.7838, 10.2590, 12.7493



7.5891, 4.9347, 34.1091



0.3911, 0.3395, 1.4948

Previews

White Background



This preview shows how the XYZ color 30.8014, 29.1448, 4.6182 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 30.8014, 29.1448, 4.6182 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 30.8014, 29.1448, 4.6182

Background



This preview shows how black text looks on a background with the XYZ color 30.8014, 29.1448, 4.6182.



This preview shows how white text looks on a background with the XYZ color 30.8014, 29.1448,

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

30.8014, 29.1448, 4.6182

Protanopia

26.4606, 29.3447, 5.0285

Deuteranopia

29.7213, 29.2327, 4.5662



Tritanopia

35.3934, 28.9907, 27.3972

Trichromacy



Original Color

30.8014, 29.1448, 4.6182

Protanomaly

27.7878, 29.1146, 4.8646

Deuteranomaly

30.0728, 29.1971, 4.5809

Tritanomaly

32.9016, 28.7765, 14.4100

Monochromacy



Original Color

30.8014, 29.1448, 4.6182

Achromatopsia

24.9269, 26.2251, 28.5591

Achromatomaly

25.6420, 26.6807, 14.8647

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.8014, 29.1448, 4.6182 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(192, 137, 19)` looks like.

```
.text, #text, p{  
    color:rgb(192, 137, 19)  
}
```

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(192, 137, 19) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 137, 19) }
```

Border

The CSS property to change the border of an element to XYZ 30.8014, 29.1448, 4.6182 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(192, 137, 19) }
```


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

```
.border{ border-color:rgb(192, 137, 19) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 137, 19)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 137, 19); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 137, 19);  
box-shadow:4px 4px 4px 4px rgb(192, 137,  
19) }
```

Background

The CSS property to change the background color of an element to XYZ 30.8014, 29.1448, 4.6182 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 137, 19) }
```

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

```
.background{ background-color: rgb(192,  
137, 19) }
```

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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