

Converting Colors

XYZ(30.4346, 31.2845, 11.3354)

Have a look what the booklet for
XYZ(30.4346, 31.2845, 11.3354)
contains.

XYZ(30.4848, 31.2853, 11.2694)	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(30.4848, 31.2853,
11.2694)**

Conversions

Conversions Part 1

Format	Color
Hex	B3944C
RGB	179, 148, 76
RGB Percent	70%, 58%, 30%
CMY	0.2980, 0.4196, 0.7020
CMYK	0.00, 0.17, 0.58, 0.30
HSL	42°, 40%, 50%
HSV	42°, 58%, 70%
XYZ	30.4848, 31.2853, 11.2694
YIQ	149.0610, 41.5880, -15.8200

Conversions

Conversions Part 2

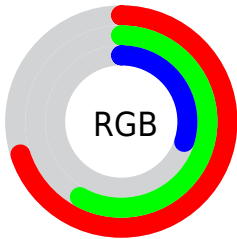
Format	Color
RYB	120, 179, 76
Decimal	11768908
CIELab	62.75, 2.83, 41.87
CIELCh	63, 41.965, 86.138
Yxy	31.2853, 0.4174, 0.4283
Android (android.graphics.Color)	4289958988 (0xFFB3944C)
YUV	149.0610, -36.0191, 26.2565
Hunter-Lab	55.9333, -0.5970, 27.2076

Details

The XYZ color **30.4848, 31.2853, 11.2694** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **16.3746, 15.3060, 44.7389**, and the grayscale version is **28.7280, 30.2241, 32.9140**.

A 20% lighter version of the original color is **59.8763, 61.7779, 28.8472**, and **12.7339, 13.0255, 2.8799** is the 20% darker color. If you saturate the color by 10%, you get **29.1219, 29.4207, 8.1605**, and if you desaturate by 10%, it is **32.0617, 33.3008, 15.3045**.

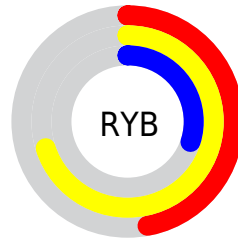
Distribution



Red (70%)

Green (58%)

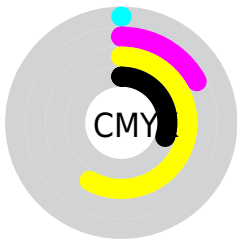
Blue (30%)



Red (47%)

Yellow (70%)

Blue (30%)

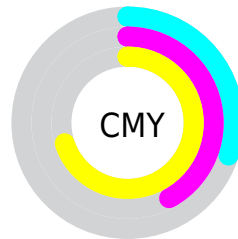


Cyan (0%)

Magenta (17%)

Yellow (58%)

Black (30%)



Cyan (30%)


Magenta (42%)


Yellow (70%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 30.4848, 31.2853, 11.2694 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 30.4848, 31.2853, 11.2694 by changing the saturation by 10% instead.


 30.4848, 31.2853,
11.2694


 30.4848, 31.2853,
11.2694


296.0272,
307.8505, 210.3099


 20.3568, 20.8162,
6.1319


 59.8094, 61.6890,
28.8015

 12.7644, 12.9897,
2.8554


 79.7367, 82.3923,
42.0332


 7.3424, 7.4215,
1.0213


 103.6610,
107.2759, 58.8000

 3.7254, 3.7270,
0.0000

 131.9479,
136.7240, 79.5204

 1.5480, 1.5221,
0.0000

 164.9626,
171.1212, 104.6131

 0.3581, 0.3042,
0.0000

203.0705,

 0.0000, 0.0000,

210.8517, 134.4966

0.0000

246.6369,
256.3000, 169.5893

■ 30.4848, 31.2853,
11.2694

■ 30.4848, 31.2853,
11.2694

■ 29.1219, 29.4207,
8.1605

■ 32.0617, 33.3008,
15.3045

■ 27.9554, 27.6955,
5.8979

■ 33.8639, 35.4691,
20.3328

■ 26.9683, 26.1033,
4.3915

■ 35.9045, 37.7972,
26.4175

■ 26.1340, 24.6325,
3.5036

■ 38.1949, 40.2906,
33.6158

■ 25.9409, 24.2848,
3.3202

■ 40.7455, 42.9543,
41.9807

■ 43.5663, 45.7929,
51.5620

■ 46.6665, 48.8110,
62.4065

■ 50.0551, 52.0129,
74.5584

■ 53.7405, 55.4026,
88.0599

Harmonies

Analogous

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



36.3141, 31.2853, 13.9916



30.4848, 31.2853, 11.2694



25.1369, 31.2853, 12.8487

Triad

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



30.4848, 31.2853, 11.2694



20.8929, 31.2853, 49.9598



39.8664, 31.2853, 54.8691

Complementary

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



30.4848, 31.2853, 11.2694



16.3746, 15.3060, 44.7389

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.



34.8638, 31.2853, 71.0163



30.4848, 31.2853, 11.2694



24.0041, 31.2853, 67.6006

Square

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



30.4848, 31.2853, 11.2694



20.0334, 31.2853, 31.9809



28.9991, 31.2853, 76.2963



42.1528, 31.2853, 36.2365

Rectangle

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



30.4848, 31.2853, 11.2694



22.4715, 31.2853, 16.5304



28.9991, 31.2853, 76.2963



38.4176, 31.2853, 60.9734

Sweetspot

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



30.4855, 31.2868, 11.2700



68.5163, 72.2770, 60.5590



23.9147, 15.8487, 16.1590



14.9916, 15.8118, 12.8139



86.6293, 91.1408, 99.2523



17.0014, 17.8868, 19.4787

Same Dimension

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



30.4855, 31.2868, 11.2700



51.5754, 51.8570, 13.4110



31.9451, 40.2475, 12.9227



8.9769, 9.4663, 9.0066



18.3902, 17.2790, 2.3659



0.6268, 0.6401, 0.0905

Inverse Universe

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



16.3746, 15.3060, 44.7389



23.9710, 20.6657, 79.1066



15.4286, 10.8505, 43.9288



8.2435, 8.6333, 10.7382



6.7284, 4.2572, 30.6041



0.2642, 0.2389, 0.9804

Previews

White Background



This preview shows how the XYZ color 30.4848, 31.2853, 11.2694 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 30.4848, 31.2853, 11.2694 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

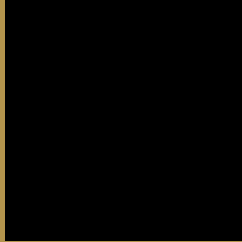
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 30.4848, 31.2853, 11.2694

Background



This preview shows how black text looks on a background with the XYZ color 30.4848, 31.2853, 11.2694.



This preview shows how white text looks on a background with the XYZ color 30.4848, 31.2853,

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

30.4848, 31.2853, 11.2694

Protanopia

28.7162, 31.3171, 11.5525

Deuteranopia

31.9585, 31.3514, 11.3882



Tritanopia

34.8907, 31.2725, 33.0514

Trichromacy



Original Color

30.4848, 31.2853, 11.2694

Protanomaly

29.4194, 31.4397, 11.5391

Deuteranomaly

31.3856, 31.2839, 11.4054

Tritanomaly

32.9261, 31.1423, 23.0146

Monochromacy



Original Color

30.4848, 31.2853, 11.2694

Achromatopsia

28.5667, 30.0544, 32.7292

Achromatomaly

28.7575, 30.3736, 22.7594

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.4848, 31.2853, 11.2694 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(179, 148, 76)` looks like.

```
.text, #text, p{  
    color:rgb(179, 148, 76)  
}
```

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(179, 148, 76) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 148, 76) }
```

Border

The CSS property to change the border of an element to XYZ 30.4848, 31.2853, 11.2694 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(179, 148, 76) }
```


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

```
.border{ border-color:rgb(179, 148, 76) }
```

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

Here you see how a box with a 4 pixel rgb(179, 148, 76) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 148, 76); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 148, 76);  
box-shadow:4px 4px 4px 4px rgb(179, 148,  
76) }
```

Background

The CSS property to change the background color of an element to XYZ 30.4848, 31.2853, 11.2694 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 148, 76) }
```

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

```
.background{ background-color: rgb(179,  
148, 76) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor