

Converting Colors

XYZ(33.1528, 48.2527, 7.5664)

Have a look what the booklet for
XYZ(33.1528, 48.2527, 7.5664)
contains.

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Color

**XYZ(33.0994, 48.0692,
7.5338)**

Conversions

Conversions Part 1

Format	Color
Hex	94C900
RGB	148, 201, 0
RGB Percent	58%, 79%, 0%
CMY	0.4196, 0.2117, 0.9999
CMYK	0.26, 0.00, 1.00, 0.21
HSL	76°, 100%, 39%
HSV	76°, 100%, 79%
XYZ	33.0994, 48.0692, 7.5338
YIQ	162.2390, 32.9330, -73.7470

Conversions

Conversions Part 2

Format	Color
RYB	0, 201, 53
Decimal	9750784
CIELab	74.87, -39.90, 74.56
CIELCh	75, 84.567, 118.153
Yxy	48.0692, 0.3732, 0.5419
Android (android.graphics.Color)	4287940864 (0xFF94C900)
YUV	162.2390, -79.9838, -12.4876
Hunter-Lab	69.3320, -36.1142, 42.0898

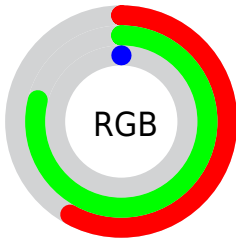
Details

The XYZ color **33.0994, 48.0692, 7.5338** is a dark color, and the websafe version is hex **99CC00**.

The color can be described as dark washed chartreuse. A complement of this color would be **12.0132, 4.9755, 55.5884**, and the grayscale version is **34.8101, 36.6229, 39.8823**.

A 20% lighter version of the original color is **63.0535, 85.4099, 21.3461**, and **14.7481, 23.0916, 3.6798** is the 20% darker color. If you saturate the color by 10%, you get **33.0992, 48.0707, 7.5341**, and if you desaturate by 10%, it is **34.2088, 48.6280, 8.2508**.

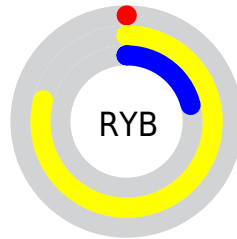
Distribution



Red (58%)

Green (79%)

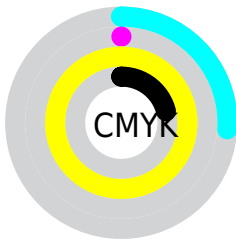
Blue (0%)



Red (0%)

Yellow (79%)

Blue (21%)

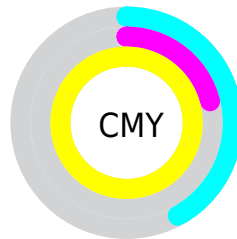


Cyan (26%)

Magenta (0%)

Yellow (100%)

Black (21%)



Cyan (42%)


Magenta (21%)


Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 33.0994, 48.0692, 7.5338 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 33.0994, 48.0692, 7.5338 by changing the saturation by 10% instead.


 33.0994, 48.0692,
7.5338


 33.0994, 48.0692,
7.5338


307.7545,
379.0664, 181.8241

 22.3622, 33.8817,
3.7147


 63.8843, 87.3074,
21.5702

 14.2414, 22.8027,
1.4701


 84.6628, 113.1269,
32.6245

 8.3716, 14.4479,
0.1955

 109.5190,
143.5926, 46.9276

 4.3874, 8.4328,
0.0000

 138.8184,
179.0887, 64.8981

 1.9236, 4.3731,
0.0000

 172.9263,
219.9998, 86.9544

 0.5905, 1.8844,
0.0000

 212.2080,

 0.0000, 0.5390,

266.7101, 113.5152

0.0000

257.0289,
319.6042, 144.9989

■ 0.0000, 0.0000,
0.0000

■ 33.0994, 48.0692,
7.5338

■ 33.0994, 48.0692,
7.5338

■ 33.0992, 48.0707,
7.5341

■ 34.2088, 48.6280,
8.2508

■ 35.4938, 49.2605,
9.6652

■ 37.0018, 49.9873,
12.0186

■ 38.7575, 50.8186,
15.4385

■ 40.7819, 51.7626,
20.0325

■ 43.0935, 52.8269,
25.8949

■ 45.7088, 54.0181,
33.1107

■ 48.6431, 55.3425,
41.7573

■ 51.9105, 56.8056,
51.9063

Harmonies

Analogous

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



46.6491, 48.0692, 5.1111



33.0994, 48.0692, 7.5338



24.8783, 48.0692, 19.1457

Triad

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



33.0994, 48.0692, 7.5338



31.7842, 48.0692, 162.3919



82.1092, 48.0692, 55.1194

Complementary

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



33.0994, 48.0692, 7.5338



12.0132, 4.9755, 55.5884

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.



75.7197, 48.0692, 111.0081



33.0994, 48.0692, 7.5338



44.7409, 48.0692, 190.9707

Square

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



33.0994, 48.0692, 7.5338



24.2475, 48.0692, 103.3774



61.1222, 48.0692, 168.2742



77.0637, 48.0692, 21.6698

Rectangle

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



33.0994, 48.0692, 7.5338



22.4140, 48.0692, 36.7955



61.1222, 48.0692, 168.2742



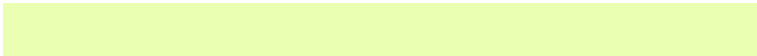
81.2035, 48.0692, 71.7396

Sweetspot

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



33.1005, 48.0713, 7.5348



78.0492, 92.3868, 56.1020



25.2409, 14.7225, 1.5121



16.2842, 19.5830, 10.8247



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.



33.1005, 48.0713, 7.5348



56.4370, 82.1794, 12.8877



22.2166, 42.4605, 7.0255



11.2404, 12.2709, 11.3388



20.9005, 30.2699, 4.7411



1.0551, 1.4670, 0.2276

Inverse Universe

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



12.0132, 4.9755, 55.5884



20.3821, 8.4222, 95.1591



23.2614, 10.7741, 56.1148



10.3147, 10.4205, 13.3852



7.6268, 3.1660, 34.9535



0.4317, 0.1863, 1.6583

Previews

White Background



This preview shows how the XYZ color 33.0994, 48.0692, 7.5338 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 33.0994, 48.0692, 7.5338 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 33.0994, 48.0692, 7.5338

Background



This preview shows how black text looks on a background with the XYZ color 33.0994, 48.0692, 7.5338.



This preview shows how white text looks on a background with the XYZ color 33.0994, 48.0692,

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

33.0994, 48.0692, 7.5338

Protanopia

42.8726, 47.5464, 6.9177

Deuteranopia

48.4250, 47.3946, 8.3461



Tritanopia

44.1569, 47.9119, 62.7977

Trichromacy



Original Color

33.0994, 48.0692, 7.5338

Protanomaly

38.6632, 47.2660, 7.0855

Deuteranomaly

41.3928, 46.7644, 7.7090

Tritanomaly

37.1102, 46.6552, 27.8183

Monochromacy



Original Color

33.0994, 48.0692, 7.5338

Achromatopsia

34.3422, 36.1307, 39.3463

Achromatomaly

31.8781, 39.1980, 18.7178

CSS Examples

Text

The CSS property to change the color of the text to XYZ 33.0994, 48.0692, 7.5338 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(148, 201, 0)` looks like.

```
.text, #text, p{  
    color:rgb(148, 201, 0)  
}
```

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(148, 201, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 201, 0) }
```

Border

The CSS property to change the border of an element to XYZ 33.0994, 48.0692, 7.5338 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(148, 201, 0) }
```


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

```
.border{ border-color:rgb(148, 201, 0) }
```

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

Here you see how a box with a 4 pixel rgb(148, 201, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 201, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 201, 0);  
box-shadow:4px 4px 4px 4px rgb(148, 201,  
0) }
```

Background

The CSS property to change the background color of an element to XYZ 33.0994, 48.0692, 7.5338 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 201, 0) }
```

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

```
.background{ background-color: rgb(148,  
201, 0) }
```

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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