

Converting Colors

YUV(149.2910, -48.4575,
2.3758)

Have a look what the booklet for
YUV(149.2910, -48.4575, 2.3758)
contains.

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Color

**YUV(149.2910, -48.4575,
2.3758)**

Conversions

Conversions Part 1

Format	Color
Hex	98A733
RGB	152, 167, 51
RGB Percent	60%, 65%, 20%
CMY	0.4039, 0.3451, 0.8000
CMYK	0.09, 0.00, 0.69, 0.35
HSL	68°, 53%, 43%
HSV	68°, 69%, 65%
XYZ	27.3652, 34.5518, 8.3588
YIQ	149.2910, 28.2960, -39.2560

Conversions

Conversions Part 2

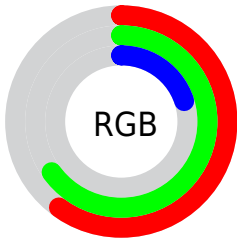
Format	Color
RYB	51, 167, 66
Decimal	10004275
CIELab	65.40, -20.70, 55.34
CIELCh	65, 59.084, 110.504
Yxy	34.5518, 0.3894, 0.4917
Android (android.graphics.Color)	4288194355 (0xFF98A733)
YUV	149.2910, -48.4575, 2.3758
Hunter-Lab	58.7808, -19.7665, 32.7153

Details

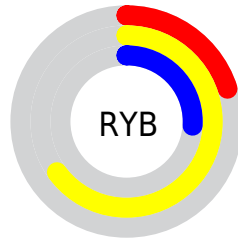
The YUV color **149.2910, -48.4575, 2.3758** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **68.7090, 48.4575, -2.3758**, and the grayscale version is **150.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **204.6610, -49.6259, 3.8053**, and **96.8070, -47.7259, 1.0463** is the 20% darker color. If you saturate the color by 10%, you get **146.7550, -55.5882, 2.8459**, and if you desaturate by 10%, it is **151.8270, -41.3267, 1.9057**.

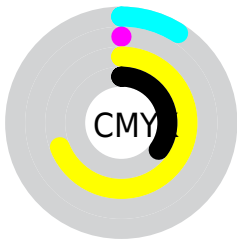
Distribution



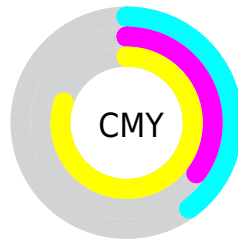
- Red (60%)
- Green (65%)
- Blue (20%)



- Red (20%)
- Yellow (65%)
- Blue (26%)



- Cyan (9%)
- Magenta (0%)
- Yellow (69%)
- Black (35%)



- Cyan (40%)
- Magenta (35%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the YUV color 149.2910, -48.4575, 2.3758 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 YUV color 149.2910, -48.4575, 2.3758 by changing the saturation by 10% instead.

■ 149.2910,
-48.4575, 2.3758

■ 149.2910,
-48.4575, 2.3758

■ 255.0000, 0.0000,
0.0000

■ 122.1230,
-50.3466, 1.6461

■ 204.6610,
-49.6259, 3.8053

■ 96.8070, -47.7259,
1.0463

■ 233.4330,
-50.4995, 4.0053

■ 74.9450, -36.9479,
-2.5828

■ 244.0560,
-41.9326, 9.5979

■ 53.0830, -26.1699,
-6.2118

■ 247.2480,
-29.7023, 6.7985

■ 32.0960, -15.8233,
-11.4852

■ 250.4400,
-17.4719, 3.9991

■ 15.2620, -7.5242,
-13.3848

■ 253.7460, -4.8048,

■ 0.0000, 0.0000,

1.0998

0.0000

■ 149.2910,
-48.4575, 2.3758

■ 149.2910,
-48.4575, 2.3758

■ 146.7550,
-55.5882, 2.8459

■ 151.8270,
-41.3267, 1.9057

■ 144.3330,
-62.2822, 3.2160

■ 154.2490,
-34.6328, 1.5356

■ 141.7970,
-69.4129, 3.6860

■ 156.7850,
-27.5020, 1.0656

■ 141.3840,
-69.7023, 3.1712

■ 159.6200,
-20.5187, 1.2103

■ 162.1560,
-13.3879, 0.7402

■ 164.5780, -6.6940,
0.3701

■ 167.1140, 0.4368,
-0.1000

■ 169.6500, 7.5675,
-0.5701

■ 172.0720, 14.2615,
-0.9401

Harmonies

Analogous

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



153.5070, -52.5080, 41.6514



149.2910, -48.4575, 2.3758



140.5310, -25.8978, -46.9467

Triad

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



149.2910, -48.4575, 2.3758



133.0200, 52.7411, -116.6585



159.8890, 8.9287, 76.3963

Complementary

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



149.2910, -48.4575, 2.3758



68.7090, 48.4575, -2.3758

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.



163.4940, 31.3085, 38.1548



149.2910, -48.4575, 2.3758



128.8600, 62.1870, -113.0102

Square

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



149.2910, -48.4575, 2.3758



130.1240, 31.4909, -114.1187



157.1640, 48.2331, -23.8228



156.8260, -15.6902, 86.0986

Rectangle

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



149.2910, -48.4575, 2.3758



120.6280, 0.1834, -105.7908



157.1640, 48.2331, -23.8228



161.1850, 16.6708, 66.4898

Sweetspot

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



149.2910, -48.4575, 2.3758



209.9620, -19.2083, 0.9103



93.9020, -21.1507, 64.1069



105.6120, -11.6407, 0.3403



237.0000, 0.0000, 0.0000



110.0000, 0.0000, 0.0000

Same Dimension

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



149.2910, -48.4575, 2.3758



189.3040, -75.0859, 3.2414



132.2480, -40.0553, -32.6665



82.7890, -3.3470, 0.1850



125.4470, -61.8454, 3.1160



17.1220, -8.4411, 0.7700

Inverse Universe

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



68.7090, 48.4575, -2.3758



64.3970, 75.2333, -3.8562



85.7520, 40.0553, 32.6665



77.2110, 3.3470, -0.1850



22.5530, 61.8454, -3.1160



3.1770, 8.2937, -0.1552

Previews

White Background



This preview shows how the YUV color 149.2910, -48.4575, 2.3758 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 YUV color 149.2910, -48.4575, 2.3758 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](#).

YUV 149.2910, -48.4575, 2.3758

Background



This preview shows how black text looks on a background with the YUV color 149.2910, -48.4575, 2.3758.



This preview shows how white text looks on a background with the YUV color 149.2910, -48.4575, 2.3758.

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

149.2910, -48.4575, 2.3758

Protanopia

152.1410, -50.8485, 22.6783

Deuteranopia

154.3370, -47.9871, 38.2925



Tritanopia

159.4610, 4.2097, 3.1037

Trichromacy



Original Color

149.2910, -48.4575, 2.3758

Protanomaly

151.3250, -49.9532, 15.5010

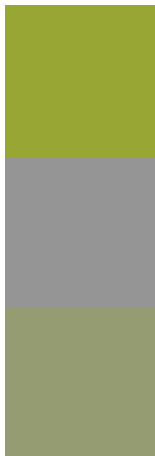
Deuteranomaly

152.5480, -48.0912, 24.9524

Tritanomaly

155.7110, -15.1405, 2.8845

Monochromacy



Original Color

149.2910, -48.4575, 2.3758

Achromatopsia

149.0000, 0.0000, 0.0000

Achromatomaly

149.3040, -17.8979, 0.6104

CSS Examples

Text

The CSS property to change the color of the text to YUV 149.2910, -48.4575, 2.3758 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(152, 167, 51)` looks like.

```
.text, #text, p{  
    color:rgb(152, 167, 51)  
}
```

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(152, 167, 51) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 167, 51) }
```

Border

The CSS property to change the border of an element to YUV 149.2910, -48.4575, 2.3758 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(152, 167, 51) }
```


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

```
.border{ border-color:rgb(152, 167, 51) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 167, 51)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 167, 51); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 167, 51);  
box-shadow:4px 4px 4px 4px rgb(152, 167,  
51) }
```

Background

The CSS property to change the background color of an element to YUV 149.2910, -48.4575, 2.3758 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 167, 51) }
```

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

```
.background{ background-color: rgb(152,  
167, 51) }
```

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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