

Converting Colors

YUV(148.6410, -56.0250,
2.9458)

Have a look what the booklet for
YUV(148.6410, -56.0250, 2.9458)
contains.

YUV(148.6410, -56.0250, 2.9458)	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

**YUV(148.6410, -56.0250,
2.9458)**

Conversions

Conversions Part 1

Format	Color
Hex	98A923
RGB	152, 169, 35
RGB Percent	60%, 66%, 14%
CMY	0.4039, 0.3373, 0.8627
CMYK	0.10, 0.00, 0.79, 0.34
HSL	68°, 66%, 40%
HSV	68°, 79%, 66%
XYZ	27.4402, 35.1727, 6.9329
YIQ	148.6410, 32.8820, -45.2780

Conversions

Conversions Part 2

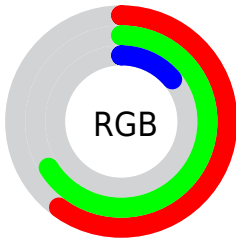
Format	Color
RYB	35, 169, 52
Decimal	10004771
CIELab	65.88, -22.48, 61.31
CIELCh	66, 65.306, 110.137
Yxy	35.1727, 0.3946, 0.5057
Android (android.graphics.Color)	4288194851 (0xFF98A923)
YUV	148.6410, -56.0250, 2.9458
Hunter-Lab	59.3066, -21.1973, 34.5837

Details

The YUV color **148.6410, -56.0250, 2.9458** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **55.3590, 56.0250, -2.9458**, and the grayscale version is **149.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **204.4670, -55.4462, 3.9754**, and **97.6820, -48.1572, -0.5981** is the 20% darker color. If you saturate the color by 10%, you get **146.1050, -63.1558, 3.4159**, and if you desaturate by 10%, it is **151.1770, -48.8943, 2.4758**.

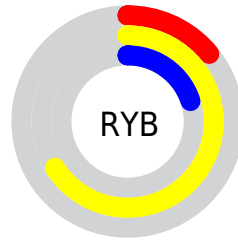
Distribution



Red (60%)

Green (66%)

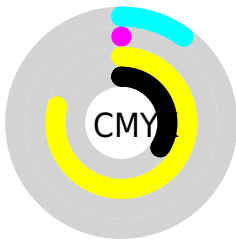
Blue (14%)



Red (14%)

Yellow (66%)

Blue (20%)

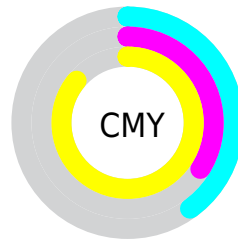


Cyan (10%)

Magenta (0%)

Yellow (79%)

Black (34%)



Cyan (40%)

Magenta (34%)

Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the YUV color 148.6410, -56.0250, 2.9458 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 148.6410, -56.0250, 2.9458 by changing the saturation by 10% instead.

■ 148.6410,
-56.0250, 2.9458

■ 148.6410,
-56.0250, 2.9458

■ 255.0000, 0.0000,
0.0000

■ 121.0170,
-59.6614, 2.6161

■ 204.4670,
-55.4462, 3.9754

■ 97.6820, -48.1572,
-0.5981

■ 233.5380,
-56.4672, 4.7902

■ 75.2330, -37.0899,
-3.7123

■ 242.6880,
-47.1742, 10.7976

■ 53.6590, -26.4539,
-8.4709

■ 245.8800,
-34.9438, 7.9982

■ 32.0850, -15.8179,
-13.2295

■ 249.0720,
-22.7135, 5.1989

■ 16.4360, -8.1029,
-14.4144

■ 252.3780,

■ 0.0000, 0.0000,

-10.0464, 2.2995

0.0000

■ 148.6410,
-56.0250, 2.9458

■ 148.6410,
-56.0250, 2.9458

■ 146.1050,
-63.1558, 3.4159

■ 151.1770,
-48.8943, 2.4758

■ 143.5690,
-70.2865, 3.8860

■ 153.7130,
-41.7635, 2.0057

■ 143.4550,
-70.7233, 3.9860

■ 156.2490,
-34.6328, 1.5356

■ 159.0840,
-27.6494, 1.6803

■ 161.5060,
-20.9555, 1.3102

■ 164.0420,
-13.8247, 0.8402

■ 166.5780, -6.6940,
0.3701

■ 169.1140, 0.4368,
-0.1000

■ 171.6500, 7.5675,
-0.5701

Harmonies

Analogous

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



153.1780, -60.2338, 46.3249



148.6410, -56.0250, 2.9458



138.6890, -28.9337, -53.2243

Triad

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



148.6410, -56.0250, 2.9458



136.3940, 55.5148, -119.6175



159.2150, 11.2330, 84.0034

Complementary

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



148.6410, -56.0250, 2.9458



55.3590, 56.0250, -2.9458

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.



164.8410, 35.0814, 41.3584



148.6410, -56.0250, 2.9458



130.0340, 61.6082, -114.0398

Square

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



148.6410, -56.0250, 2.9458



133.0420, 32.5173, -116.6778



155.6580, 48.9756, -28.6411



152.4890, -14.5381, 89.9021

Rectangle

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



148.6410, -56.0250, 2.9458



122.0470, -1.9952, -107.0352



155.6580, 48.9756, -28.6411



161.3260, 19.5593, 73.3821

Sweetspot

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



148.6410, -56.0250, 2.9458



211.2780, -21.8291, 1.5102



84.4580, -24.3828, 74.1433



105.1560, -13.3879, 0.7402



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.



148.6410, -56.0250, 2.9458



187.5140, -87.0214, 4.8112



128.9070, -46.2962, -37.6294



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.



55.3590, 56.0250, -2.9458



42.4860, 87.0214, -4.8112



75.0930, 46.2962, 37.6294



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 148.6410, -56.0250, 2.9458 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 148.6410, -56.0250, 2.9458 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 148.6410, -56.0250, 2.9458

Background



This preview shows how black text looks on a background with the YUV color 148.6410, -56.0250, 2.9458.



This preview shows how white text looks on a background with the YUV color 148.6410, -56.0250, 2.9458.

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

148.6410, -56.0250, 2.9458

Protanopia

151.5020, -58.4215, 24.9927

Deuteranopia

154.3390, -54.3971, 40.9217



Tritanopia

160.5750, 4.6465, 3.0037

Trichromacy



Original Color

148.6410, -56.0250, 2.9458

Protanomaly

150.3870, -57.3788, 17.2006

Deuteranomaly

152.1370, -54.7905, 27.0669

Tritanomaly

156.1410, -17.3245, 3.3843

Monochromacy



Original Color

148.6410, -56.0250, 2.9458

Achromatopsia

149.0000, 0.0000, 0.0000

Achromatomaly

148.7340, -20.0819, 1.1103

CSS Examples

Text

The CSS property to change the color of the text to YUV 148.6410, -56.0250, 2.9458 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, 169, 35)` looks like.

```
.text, #text, p{  
    color:rgb(152, 169, 35)  
}
```

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, 169, 35) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 169, 35) }
```

Border

The CSS property to change the border of an element to YUV 148.6410, -56.0250, 2.9458 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, 169, 35) }
```


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

```
.border{ border-color:rgb(152, 169, 35) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 169, 35)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 169, 35); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 169, 35);  
box-shadow:4px 4px 4px 4px rgb(152, 169,  
35) }
```

Background

The CSS property to change the background color of an element to YUV 148.6410, -56.0250, 2.9458 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 169, 35) }
```

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

```
.background{ background-color: rgb(152,  
169, 35) }
```

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