

Converting Colors

YUV(141.8950, -51.2202,
1.8461)

Have a look what the booklet for
YUV(141.8950, -51.2202, 1.8461)
contains.

YUV(141.8950, -51.2202, 1.8461)	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(141.8950, -51.2202,
1.8461)**

Conversions

Conversions Part 1

Format	Color
Hex	90A126
RGB	144, 161, 38
RGB Percent	56%, 63%, 15%
CMY	0.4353, 0.3686, 0.8510
CMYK	0.11, 0.00, 0.76, 0.37
HSL	68°, 62%, 39%
HSV	68°, 76%, 63%
XYZ	24.5963, 31.5590, 6.6288
YIQ	141.8950, 29.3510, -41.8570

Conversions

Conversions Part 2

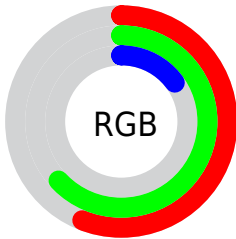
Format	Color
R_{YB}	38, 161, 55
Decimal	9478438
CIE _{Lab}	62.98, -21.79, 57.49
CIE _{LCh}	63, 61.480, 110.759
Yxy	31.5590, 0.3918, 0.5027
Android (android.graphics.Color)	4287668518 (0xFF90A126)
YUV	141.8950, -51.2202, 1.8461
Hunter-Lab	56.1774, -20.1572, 32.3280

Details

The YUV color **141.8950, -51.2202, 1.8461** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **57.1050, 51.2202, -1.8461**, and the grayscale version is **142.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **197.4930, -51.5150, 3.0756**, and **91.4800, -45.0996, -1.2980** is the 20% darker color. If you saturate the color by 10%, you get **139.4730, -57.9142, 2.2162**, and if you desaturate by 10%, it is **144.3170, -44.5263, 1.4760**.

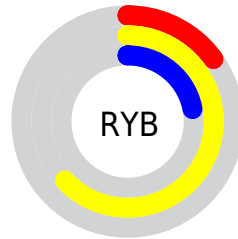
Distribution



Red (56%)

Green (63%)

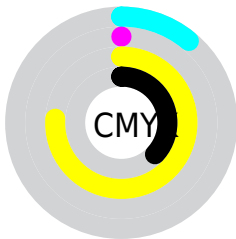
Blue (15%)



Red (15%)

Yellow (63%)

Blue (22%)

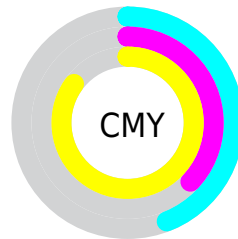


Cyan (11%)

Magenta (0%)

Yellow (76%)

Black (37%)



Cyan (44%)

Magenta (37%)

Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the YUV color 141.8950, -51.2202, 1.8461 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 141.8950, -51.2202, 1.8461 by changing the saturation by 10% instead.

■ 141.8950,
-51.2202, 1.8461

■ 141.8950,
-51.2202, 1.8461

■ 255.0000, 0.0000,
0.0000

■ 114.2280,
-56.3144, 2.4310

■ 197.4930,
-51.5150, 3.0756

■ 91.4800, -45.0996,
-1.2980

■ 225.6780,
-52.0993, 3.7904

■ 69.0310, -34.0323,
-4.4122

■ 242.6880,
-47.1742, 10.7976

■ 47.4570, -23.3963,
-9.1708

■ 245.8800,
-34.9438, 7.9982

■ 26.4700, -13.0497,
-14.4442

■ 249.0720,
-22.7135, 5.1989

■ 10.5660, -5.2090,
-9.2664

■ 252.3780,

■ 0.0000, 0.0000,

-10.0464, 2.2995

0.0000

■ 141.8950,
-51.2202, 1.8461

■ 141.8950,
-51.2202, 1.8461

■ 139.4730,
-57.9142, 2.2162

■ 144.3170,
-44.5263, 1.4760

■ 137.0510,
-64.6081, 2.5863

■ 146.7390,
-37.8323, 1.1059

■ 136.0680,
-67.0815, 2.5714

■ 149.4600,
-31.2858, 1.3506

■ 151.8820,
-24.5918, 0.9805

■ 154.3040,
-17.8979, 0.6104

■ 156.8400,
-10.7671, 0.1403

■ 159.5610, -4.2206,
0.3850

■ 161.9830, 2.4734,
0.0149

■ 164.4050, 9.1673,
-0.3552

Harmonies

Analogous

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



146.7090, -55.5655, 42.3512



141.8950, -51.2202, 1.8461



132.3950, -26.3237, -50.3354

Triad

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



141.8950, -51.2202, 1.8461



129.0420, 52.7303, -113.1698



152.1390, 9.7915, 79.6851

Complementary

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



141.8950, -51.2202, 1.8461



57.1050, 51.2202, -1.8461

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.



156.7330, 32.1766, 39.6992



141.8950, -51.2202, 1.8461



125.3380, 63.9234, -109.9214

Square

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



141.8950, -51.2202, 1.8461



126.1460, 31.4800, -110.6300



150.6630, 51.4381, -25.1375



148.8480, -15.7011, 89.5873

Rectangle

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



141.8950, -51.2202, 1.8461



116.3080, -1.1378, -102.0021



150.6630, 51.4381, -25.1375



154.1360, 17.6810, 69.1637

Sweetspot

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



141.8950, -51.2202, 1.8461



201.4350, -19.9345, 0.4955



84.1690, -22.7613, 67.3808



100.3840, -12.5143, 0.5402



232.0000, 0.0000, 0.0000



105.0000, 0.0000, 0.0000

Same Dimension

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



141.8950, -51.2202, 1.8461



179.3380, -80.0326, 3.2116



123.6560, -42.2284, -35.6553



80.3760, -3.6364, -0.3298



122.4900, -60.3876, 2.2013



15.0510, -7.4201, -0.0447

Inverse Universe

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



57.1050, 51.2202, -1.8461



46.6620, 80.0326, -3.2116



75.3440, 42.2284, 35.6553



74.6240, 3.6364, 0.3298



22.5100, 60.3876, -2.2013



2.6500, 7.5675, -0.5700

Previews

White Background



This preview shows how the YUV color 141.8950, -51.2202, 1.8461 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 141.8950, -51.2202, 1.8461 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 141.8950, -51.2202, 1.8461 Background



This preview shows how black text looks on a background with the YUV color 141.8950, -51.2202, 1.8461.



This preview shows how white text looks on a background with the YUV color 141.8950, -51.2202, 1.8461.

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

141.8950, -51.2202, 1.8461

Protanopia

144.4570, -53.4693, 23.2782

Deuteranopia

146.8810, -49.7343, 38.6924



Tritanopia

153.1620, 4.3571, 2.4889

Trichromacy



Original Color

141.8950, -51.2202, 1.8461

Protanomaly

143.3420, -52.4266, 15.4861

Deuteranomaly

144.9780, -50.2752, 25.4523

Tritanomaly

149.1840, -15.8667, 2.4696

Monochromacy



Original Color

141.8950, -51.2202, 1.8461

Achromatopsia

142.0000, 0.0000, 0.0000

Achromatomaly

142.0760, -18.7715, 0.8103

CSS Examples

Text

The CSS property to change the color of the text to YUV 141.8950, -51.2202, 1.8461 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(144, 161, 38)` looks like.

```
.text, #text, p{  
    color:rgb(144, 161, 38)  
}
```

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(144, 161, 38) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 161, 38) }
```

Border

The CSS property to change the border of an element to YUV 141.8950, -51.2202, 1.8461 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(144, 161, 38) }
```


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

```
.border{ border-color:rgb(144, 161, 38) }
```

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

Here you see how a box with a 4 pixel `rgb(144, 161, 38)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(144, 161, 38); -webkit-box-  
shadow:4px 4px 4px 4px rgb(144, 161, 38);  
box-shadow:4px 4px 4px 4px rgb(144, 161,  
38) }
```

Background

The CSS property to change the background color of an element to YUV 141.8950, -51.2202, 1.8461 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 161, 38) }
```

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

```
.background{ background-color: rgb(144,  
161, 38) }
```

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