

Converting Colors

YUV(154.0350, -30.0903,
-8.8007)

Have a look what the booklet for
YUV(154.0350, -30.0903, -8.8007)
contains.

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Color

**YUV(154.0350, -30.0903,
-8.8007)**

Conversions

Conversions Part 1

Format	Color
Hex	90AB5D
RGB	144, 171, 93
RGB Percent	56%, 67%, 36%
CMY	0.4353, 0.3294, 0.6353
CMYK	0.16, 0.00, 0.46, 0.33
HSL	81°, 32%, 52%
HSV	81°, 46%, 67%
XYZ	28.0403, 35.8454, 15.7969
YIQ	154.0350, 8.9460, -29.9820

Conversions

Conversions Part 2

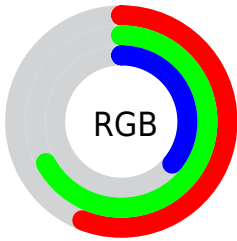
Format	Color
RYB	93, 171, 120
Decimal	9481053
CIELab	66.40, -22.33, 36.98
CIElCh	66, 43.198, 121.122
Yxy	35.8454, 0.3519, 0.4499
Android (android.graphics.Color)	4287671133 (0xFF90AB5D)
YUV	154.0350, -30.0903, -8.8007
Hunter-Lab	59.8710, -21.1748, 26.2661

Details

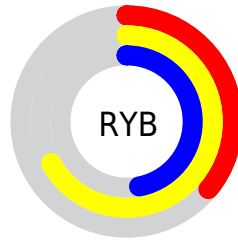
The YUV color **154.0350, -30.0903, -8.8007** is a dark color, and the websafe version is hex **99CC66**. A complement of this color would be **109.9650, 30.0903, 8.8007**, and the grayscale version is **154.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **208.6930, -31.4006, -8.5008**, and **102.3770, -28.7799, -9.1006** is the 20% darker color. If you saturate the color by 10%, you get **150.3030, -36.6314, -10.7897**, and if you desaturate by 10%, it is **157.7670, -23.5491, -6.8117**.

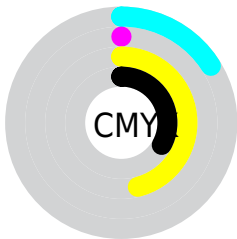
Distribution



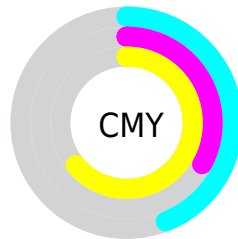
- Red (56%)
- Green (67%)
- Blue (36%)



- Red (36%)
- Yellow (67%)
- Blue (47%)



- Cyan (16%)
- Magenta (0%)
- Yellow (46%)
- Black (33%)



- Cyan (44%)
- Magenta (33%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the YUV color 154.0350, -30.0903, -8.8007 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 154.0350, -30.0903, -8.8007 by changing the saturation by 10% instead.

■ 154.0350,
-30.0903, -8.8007

■ 154.0350,
-30.0903, -8.8007

■ 255.0000, 0.0000,
0.0000

■ 127.5620,
-29.3641, -8.3859

■ 208.6930,
-31.4006, -8.5008

■ 102.3770,
-28.7799, -9.1006

■ 237.4650,
-32.2742, -8.3008

■ 77.3770, -28.7799,
-9.1006

■ 248.6160,
-24.4607, 5.5988

■ 53.9470, -26.5959,
-9.6005

■ 251.9220,
-11.7935, 2.6994

■ 33.2700, -16.4021,
-12.5148

■ 17.0230, -8.3923,
-14.9292

■ 0.0000, 0.0000,

0.0000

■ 154.0350,
-30.0903, -8.8007

■ 154.0350,
-30.0903, -8.8007

■ 150.3030,
-36.6314, -10.7897

■ 157.7670,
-23.5491, -6.8117

■ 146.5710,
-43.1725, -12.7788

■ 161.4990,
-17.0080, -4.8226

■ 142.8390,
-49.7136, -14.7678

■ 165.2310,
-10.4669, -2.8336

■ 139.1070,
-56.2548, -16.7568

■ 168.9630, -3.9258,
-0.8446

■ 135.3750,
-62.7959, -18.7459

■ 172.8090, 3.0522,
1.0445

■ 133.8650,
-65.9954, -19.1756

■ 176.5410, 9.5933,
3.0335

■ 179.9740, 16.2818,
4.4078

■ 183.7060, 22.8229,
6.3968

■ 187.4380, 29.3641,
8.3859

Harmonies

Analogous

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



158.2840, -37.6080, 22.5529



154.0350, -30.0903, -8.8007



146.9130, -11.7891, -45.5277

Triad

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



154.0350, -30.0903, -8.8007



128.8310, 49.3833, -112.9848



164.4450, -1.2054, 60.1227

Complementary

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



154.0350, -30.0903, -8.8007



109.9650, 30.0903, 8.8007

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.



166.3080, 16.6102, 39.1949



154.0350, -30.0903, -8.8007



154.3000, 41.7571, -46.7441

Square

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



154.0350, -30.0903, -8.8007



129.0470, 34.9798, -113.1742



164.5620, 31.2749, 2.1381



162.3470, -19.3981, 61.9627

Rectangle

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



154.0350, -30.0903, -8.8007



138.0690, 4.8960, -77.2365



164.5620, 31.2749, 2.1381



165.0190, 4.9206, 55.2343

Sweetspot

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



154.0350, -30.0903, -8.8007



215.1770, -11.9193, -3.6632



131.5840, -19.0219, 34.5678



108.0400, -7.4147, -1.7891



240.0000, 0.0000, 0.0000



112.0000, 0.0000, 0.0000

Same Dimension

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



154.0350, -30.0903, -8.8007



195.5340, -47.0983, -13.6233



142.6730, -24.4888, -32.1622



85.0770, -3.4890, -0.9445



117.3520, -57.8545, -16.9717



17.9860, -8.8671, -2.6187

Inverse Universe

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



109.9650, 30.0903, 8.8007



126.4660, 47.0983, 13.6233



121.3270, 24.4888, 32.1622



79.9230, 3.4890, 0.9445



32.6480, 57.8545, 16.9717



5.0140, 8.8671, 2.6187

Previews

White Background



This preview shows how the YUV color 154.0350, -30.0903, -8.8007 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 154.0350, -30.0903, -8.8007 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 154.0350, -30.0903, -8.8007

Background



This preview shows how black text looks on a background with the YUV color 154.0350, -30.0903, -8.8007.



This preview shows how white text looks on a background with the YUV color 154.0350, -30.0903, -8.8007.

-8.8007.

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

154.0350, -30.0903, -8.8007

Protanopia

157.6900, -33.3712, 16.9349

Deuteranopia

159.7610, -30.9412, 30.9046



Tritanopia

161.3890, 6.7102, -5.6032

Trichromacy



Original Color

154.0350, -30.0903, -8.8007

Protanomaly

156.5640, -32.3231, 7.3984

Deuteranomaly

157.4880, -30.3136, 16.2350

Tritanomaly

158.5340, -6.6723, -6.6073

Monochromacy



Original Color

154.0350, -30.0903, -8.8007

Achromatopsia

154.0000, 0.0000, 0.0000

Achromatomaly

153.8180, -10.7563, -3.3484

CSS Examples

Text

The CSS property to change the color of the text to YUV 154.0350, -30.0903, -8.8007 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, 171, 93)` looks like.

```
.text, #text, p{  
    color:rgb(144, 171, 93)  
}
```

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, 171, 93) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 171, 93) }
```

Border

The CSS property to change the border of an element to YUV 154.0350, -30.0903, -8.8007 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, 171, 93) }
```


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

```
.border{ border-color:rgb(144, 171, 93) }
```

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

Here you see how a box with a 4 pixel rgb(144, 171, 93) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(144, 171, 93); -webkit-box-  
shadow:4px 4px 4px 4px rgb(144, 171, 93);  
box-shadow:4px 4px 4px 4px rgb(144, 171,  
93) }
```

Background

The CSS property to change the background color of an element to YUV 154.0350, -30.0903, -8.8007 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 171, 93) }
```

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

```
.background{ background-color: rgb(144,  
171, 93) }
```

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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