

Converting Colors

YUV(186.2910, -38.5975,
-33.5812)

Have a look what the booklet for
YUV(186.2910, -38.5975, -33.5812)
contains.

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Color

**YUV(186.2910, -38.5975,
-33.5812)**

Conversions

Conversions Part 1

Format	Color
Hex	94DD6C
RGB	148, 221, 108
RGB Percent	58%, 87%, 42%
CMY	0.4196, 0.1333, 0.5765
CMYK	0.33, 0.00, 0.51, 0.13
HSL	99°, 62%, 65%
HSV	99°, 51%, 87%
XYZ	40.7760, 59.0915, 23.4440
YIQ	186.2910, -7.2350, -50.6190

Conversions

Conversions Part 2

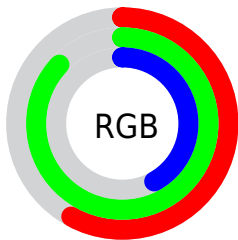
Format	Color
RYB	108, 221, 181
Decimal	9756012
CIELab	81.34, -42.48, 47.96
CIELCh	81, 64.063, 131.531
Yxy	59.0915, 0.3307, 0.4792
Android (android.graphics.Color)	4287946092 (0xFF94DD6C)
YUV	186.2910, -38.5975, -33.5812
Hunter-Lab	76.8710, -39.8395, 35.7275

Details

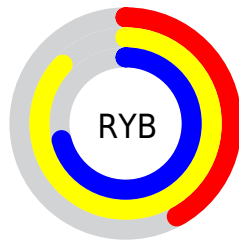
The YUV color **186.2910, -38.5975, -33.5812** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **142.7090, 38.5975, 33.5812**, and the grayscale version is **187.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **229.4480, -33.2519, -21.4409**, and **131.0460, -36.9977, -33.3663** is the 20% darker color. If you saturate the color by 10%, you get **179.5970, -46.1433, -39.9886**, and if you desaturate by 10%, it is **192.9850, -31.0516, -27.1738**.

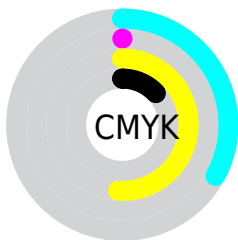
Distribution



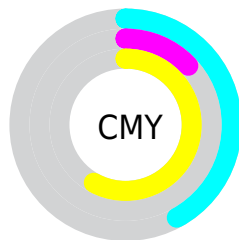
- Red (58%)
- Green (87%)
- Blue (42%)



- Red (42%)
- Yellow (87%)
- Blue (71%)



- Cyan (33%)
- Magenta (0%)
- Yellow (51%)
- Black (13%)



- Cyan (42%)
- Magenta (13%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the YUV color 186.2910, -38.5975, -33.5812 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 186.2910, -38.5975, -33.5812 by changing the saturation by 10% instead.

■ 186.2910,
-38.5975, -33.5812

■ 186.2910,
-38.5975, -33.5812

255.0000, 0.0000,
0.0000

■ 158.5190,
-37.7239, -33.7812

■ 229.4480,
-33.2519, -21.4409

■ 131.0460,
-36.9977, -33.3663

■ 241.3110,
-25.2963, -6.4117

■ 104.3340,
-37.1397, -34.4959

■ 250.7820,
-16.1615, 3.6992

■ 76.7960, -37.8604,
-36.6551

■ 254.0880, -3.4944,
0.7998

■ 51.6560, -25.4664,
-45.3023

■ 36.9810, -18.2316,
-32.4323

■ 24.6540, -12.1544,

-21.6216

■ 5.2830, -2.6045,
-4.6332

■ 0.0000, 0.0000,
0.0000

■ 186.2910,
-38.5975, -33.5812

■ 186.2910,
-38.5975, -33.5812

■ 179.5970,
-46.1433, -39.9886

■ 192.9850,
-31.0516, -27.1738

■ 172.6040,
-53.5418, -47.0107

■ 199.9780,
-23.6532, -20.1517

■ 165.9100,
-61.0876, -53.4181

■ 206.6720,
-16.1073, -13.7443

■ 159.2160,
-68.6335, -59.8254

■ 213.3660, -8.5614,
-7.3370

■ 153.0490,
-75.4532, -65.8180

■ 220.1740, -0.5788,
-1.0296

■ 227.1670, 6.8197,
5.9925

■ 232.9490, 10.8711,
13.1997

■ 235.0420, 9.8393,
17.5032

Harmonies

Analogous

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



193.6860, -57.5262, 17.8154



186.2910, -38.5975, -33.5812



161.5620, 0.2159, -116.2569

Triad

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



186.2910, -38.5975, -33.5812



157.6230, 48.0069, -138.2354



184.3420, -1.6476, 61.9671

Complementary

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



186.2910, -38.5975, -33.5812



142.7090, 38.5975, 33.5812

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.



194.8180, 23.2607, 52.7796



186.2910, -38.5975, -33.5812



188.0200, 33.0211, -44.7445

Square

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



186.2910, -38.5975, -33.5812



163.4930, 45.1130, -143.3834



203.5330, 25.3732, 28.4736



186.1760, -30.1598, 60.3586

Rectangle

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



186.2910, -38.5975, -33.5812



159.3260, 21.5313, -139.7289



203.5330, 25.3732, 28.4736



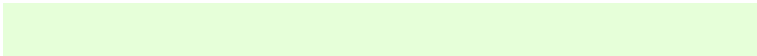
186.6220, 7.0884, 59.9675

Sweetspot

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



186.2910, -38.5975, -33.5812



243.1930, -12.9131, -11.5703



184.0510, -37.4931, 32.4043



120.8930, -7.8352, -6.9222



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

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



186.2910, -38.5975, -33.5812



207.3160, -53.3998, -45.8811



176.0410, -26.1492, -59.6720



106.6530, -3.7729, -3.2037



119.7900, -59.0565, -51.5588



31.7860, -15.6705, -13.8443

Inverse Universe

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



142.7090, 38.5975, 33.5812



146.9830, 53.2524, 46.4959



152.9590, 26.1492, 59.6720



102.3470, 3.7729, 3.2037



53.2100, 59.0565, 51.5588



14.2140, 15.6705, 13.8443

Previews

White Background



This preview shows how the YUV color 186.2910, -38.5975, -33.5812 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 186.2910, -38.5975, -33.5812 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

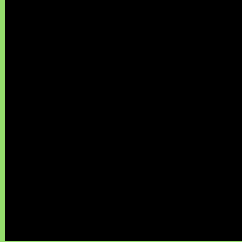
Any Text WCAG AA ✓ Pass

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 186.2910, -38.5975, -33.5812 Background



This preview shows how black text looks on a background with the YUV color 186.2910, -38.5975, -33.5812.



This preview shows how white text looks on a background with the YUV color 186.2910, -38.5975, -33.5812.

-33.5812.

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

186.2910, -38.5975, -33.5812

Protanopia

195.8790, -46.7753, 22.9081

Deuteranopia

199.0690, -41.4460, 40.2815



Tritanopia

197.6790, 13.4693, -26.9055

Trichromacy



Original Color

186.2910, -38.5975, -33.5812

Protanomaly

192.2570, -43.5107, 2.4056

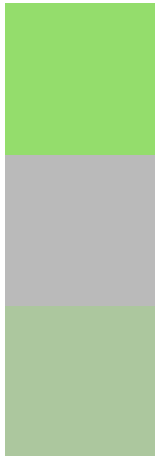
Deuteranomaly

194.7190, -40.7805, 13.4014

Tritanomaly

193.6190, -5.7282, -29.4839

Monochromacy



Original Color

186.2910, -38.5975, -33.5812

Achromatopsia

186.0000, 0.0000, 0.0000

Achromatomaly

186.2530, -13.9287, -12.4999

CSS Examples

Text

The CSS property to change the color of the text to YUV 186.2910, -38.5975, -33.5812 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, 221, 108)` looks like.

```
.text, #text, p{  
    color:rgb(148, 221, 108)  
}
```

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, 221, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 221, 108) }
```

Border

The CSS property to change the border of an element to YUV 186.2910, -38.5975, -33.5812 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, 221, 108) }
```


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

```
.border{ border-color:rgb(148, 221, 108) }
```

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

Here you see how a box with a 4 pixel `rgb(148, 221, 108)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 221, 108); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 221, 108);  
box-shadow:4px 4px 4px 4px rgb(148, 221,  
108) }
```

Background

The CSS property to change the background color of an element to YUV 186.2910, -38.5975, -33.5812 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 221, 108) }
```

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

```
.background{ background-color: rgb(148,  
221, 108) }
```

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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