

Converting Colors

YUV(181.1570, -38.5314,
-8.0307)

Have a look what the booklet for
YUV(181.1570, -38.5314, -8.0307)
contains.

YUV(181.1570, -38.5314, -8.0307)	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(181.1570, -38.5314,
-8.0307)**

Conversions

Conversions Part 1

Format	Color
Hex	ACC967
RGB	172, 201, 103
RGB Percent	67%, 79%, 40%
CMY	0.3255, 0.2118, 0.5961
CMYK	0.14, 0.00, 0.49, 0.21
HSL	78°, 48%, 60%
HSV	78°, 49%, 79%
XYZ	40.3481, 51.5232, 20.6504
YIQ	181.1570, 14.1740, -36.6260

Conversions

Conversions Part 2

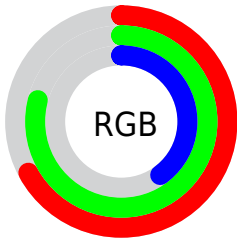
Format	Color
RYB	103, 201, 132
Decimal	11323751
CIELab	76.99, -25.06, 45.43
CIELCh	77, 51.882, 118.885
Yxy	51.5232, 0.3586, 0.4579
Android (android.graphics.Color)	4289513831 (0xFFACC967)
YUV	181.1570, -38.5314, -8.0307
Hunter-Lab	71.7797, -25.2778, 33.1886

Details

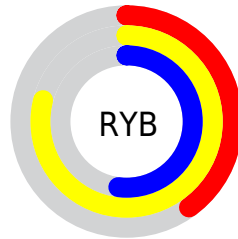
The YUV color **181.1570, -38.5314, -8.0307** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **122.8430, 38.5314, 8.0307**, and the grayscale version is **182.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **235.9400, -39.4104, -6.0864**, and **127.4990, -37.2210, -8.3306** is the 20% darker color. If you saturate the color by 10%, you get **177.0830, -46.3829, -9.7198**, and if you desaturate by 10%, it is **185.2310, -30.6799, -6.3416**.

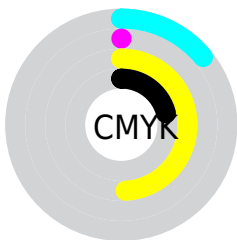
Distribution



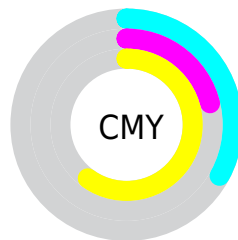
- Red (67%)
- Green (79%)
- Blue (40%)



- Red (40%)
- Yellow (79%)
- Blue (52%)



- Cyan (14%)
- Magenta (0%)
- Yellow (49%)
- Black (21%)



- Cyan (33%)
- Magenta (21%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the YUV color 181.1570, -38.5314, -8.0307 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 181.1570, -38.5314, -8.0307 by changing the saturation by 10% instead.

■ 181.1570,
-38.5314, -8.0307

■ 181.1570,
-38.5314, -8.0307

255.0000, 0.0000,
0.0000

■ 153.9720,
-37.9472, -8.7454

■ 235.9400,
-39.4104, -6.0864

■ 127.4990,
-37.2210, -8.3306

■ 246.9060,
-31.0127, 7.0984

■ 101.0860,
-37.5104, -8.8454

■ 250.0980,
-18.7823, 4.2991

■ 76.0860, -37.5104,
-8.8454

■ 253.4040, -6.1152,
1.3997

■ 54.8220, -27.0272,
-11.2449

■ 33.5360, -16.5332,
-17.1331

■ 17.6100, -8.6817,

-15.4440

■ 0.0000, 0.0000,
0.0000

■ 181.1570,
-38.5314, -8.0307

■ 181.1570,
-38.5314, -8.0307

■ 177.0830,
-46.3829, -9.7198

■ 185.2310,
-30.6799, -6.3416

■ 173.0090,
-54.2344, -11.4089

■ 189.3050,
-22.8284, -4.6525

■ 168.9350,
-62.0860, -13.0980

■ 193.3790,
-14.9768, -2.9634

■ 164.8610,
-69.9375, -14.7871

■ 197.4530, -7.1253,
-1.2743

■ 160.7870,
-77.7890, -16.4762

■ 201.6410, 1.1630,
0.3148

■ 160.4450,
-79.0994, -16.1763

■ 205.7150, 9.0145,
2.0039

■ 209.7890, 16.8660,
3.6930

■ 212.8370, 20.7864,
6.2820

■ 214.6310, 19.9019,
9.9706

Harmonies

Analogous

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



186.3360, -46.5076, 30.4003



181.1570, -38.5314, -8.0307



172.6040, -16.5668, -53.1497

Triad

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



181.1570, -38.5314, -8.0307



151.1660, 51.1902, -132.5726



186.4110, 3.7414, 60.1526

Complementary

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



181.1570, -38.5314, -8.0307



122.8430, 38.5314, 8.0307

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.



195.4320, 21.9720, 46.1021



181.1570, -38.5314, -8.0307



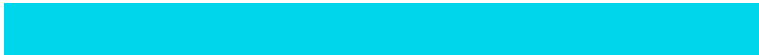
174.9190, 39.4799, -63.0730

Square

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



181.1570, -38.5314, -8.0307



152.4080, 40.7179, -133.6618



190.6650, 31.7172, 0.2938



183.8740, -18.6719, 62.3775

Rectangle

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



181.1570, -38.5314, -8.0307



160.2470, 4.8082, -95.8096



190.6650, 31.7172, 0.2938



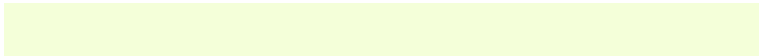
189.4090, 10.1514, 57.5233

Sweetspot

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



181.1570, -38.5314, -8.0307



247.3790, -14.9768, -2.9634



148.7380, -22.5488, 45.8338



123.2850, -9.0145, -2.0039



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.



181.1570, -38.5314, -8.0307



224.4450, -58.8864, -12.6683



166.8050, -31.4559, -37.5400



97.3760, -3.6364, -0.3298



130.0660, -64.1225, -13.2129



28.6070, -14.1033, -3.1633

Inverse Universe

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



122.8430, 38.5314, 8.0307



135.2560, 59.0338, 12.0535



137.1950, 31.4559, 37.5400



91.6240, 3.6364, 0.3298



32.9340, 64.1225, 13.2129



7.3930, 14.1033, 3.1633

Previews

White Background



This preview shows how the YUV color 181.1570, -38.5314, -8.0307 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 181.1570, -38.5314, -8.0307 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

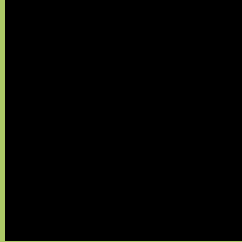
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 181.1570, -38.5314, -8.0307

Background



This preview shows how black text looks on a background with the YUV color 181.1570, -38.5314, -8.0307.



This preview shows how white text looks on a background with the YUV color 181.1570, -38.5314, -8.0307.

-8.0307.

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

181.1570, -38.5314, -8.0307

Protanopia

185.3070, -42.5494, 20.7788

Deuteranopia

187.6280, -39.2566, 38.0372



Tritanopia

190.2150, 7.2890, -4.5736

Trichromacy



Original Color

181.1570, -38.5314, -8.0307

Protanomaly

183.8820, -41.3538, 10.6275

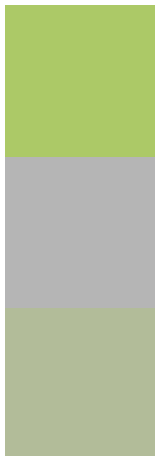
Deuteranomaly

185.2300, -39.0604, 21.7233

Tritanomaly

186.8500, -9.2931, -6.0075

Monochromacy



Original Color

181.1570, -38.5314, -8.0307

Achromatopsia

181.0000, 0.0000, 0.0000

Achromatomaly

181.0200, -13.8139, -2.6485

CSS Examples

Text

The CSS property to change the color of the text to YUV 181.1570, -38.5314, -8.0307 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(172, 201, 103)` looks like.

```
.text, #text, p{  
    color:rgb(172, 201, 103)  
}
```

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(172, 201, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 201, 103) }
```

Border

The CSS property to change the border of an element to YUV 181.1570, -38.5314, -8.0307 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(172, 201, 103) }
```


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

```
.border{ border-color:rgb(172, 201, 103) }
```

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

Here you see how a box with a 4 pixel rgb(172, 201, 103) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 201, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 201, 103);  
box-shadow:4px 4px 4px 4px rgb(172, 201,  
103) }
```

Background

The CSS property to change the background color of an element to YUV 181.1570, -38.5314, -8.0307 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 201, 103) }
```

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

```
.background{ background-color: rgb(172,  
201, 103) }
```

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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