

Converting Colors

YUV(178.9530, -12.3018,
-21.0068)

Have a look what the booklet for
YUV(178.9530, -12.3018, -21.0068)
contains.

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Color

**YUV(178.9530, -12.3018,
-21.0068)**

Conversions

Conversions Part 1

Format	Color
Hex	9BC49A
RGB	155, 196, 154
RGB Percent	61%, 77%, 60%
CMY	0.3922, 0.2314, 0.3961
CMYK	0.21, 0.00, 0.21, 0.23
HSL	119°, 26%, 69%
HSV	119°, 21%, 77%
XYZ	39.0902, 48.7815, 37.9273
YIQ	178.9530, -10.9540, -21.7540

Conversions

Conversions Part 2

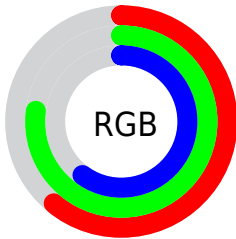
Format	Color
RYB	154, 196, 195
Decimal	10208410
CIELab	75.32, -21.77, 16.72
CIELCh	75, 27.447, 142.475
Yxy	48.7815, 0.3107, 0.3878
Android (android.graphics.Color)	4288398490 (0xFF9BC49A)
YUV	178.9530, -12.3018, -21.0068
Hunter-Lab	69.8438, -22.3235, 16.6943

Details

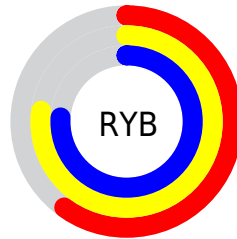
The YUV color **178.9530, -12.3018, -21.0068** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **171.0470, 12.3018, 21.0068**, and the grayscale version is **179.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **235.0130, -13.3174, -21.9364**, and **125.8930, -11.2862, -20.0772** is the 20% darker color. If you saturate the color by 10%, you get **170.9920, -18.2371, -30.6880**, and if you desaturate by 10%, it is **186.9140, -6.3666, -11.3256**.

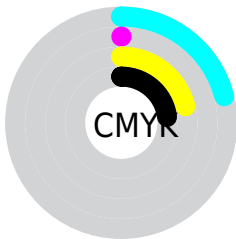
Distribution



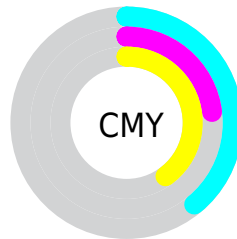
- Red (61%)
- Green (77%)
- Blue (60%)



- Red (60%)
- Yellow (77%)
- Blue (76%)



- Cyan (21%)
- Magenta (0%)
- Yellow (21%)
- Black (23%)



- Cyan (39%)
- Magenta (23%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the YUV color 178.9530, -12.3018, -21.0068 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 178.9530, -12.3018, -21.0068 by changing the saturation by 10% instead.

■ 178.9530,
-12.3018, -21.0068

■ 178.9530,
-12.3018, -21.0068

255.0000, 0.0000,
0.0000

■ 152.3660,
-12.0124, -20.4920

■ 235.0130,
-13.3174, -21.9364

■ 125.8930,
-11.2862, -20.0772

■ 248.1640, -5.5039,
-8.0368

■ 100.4200,
-10.5601, -19.6623

■ 76.4200, -10.5601,
-19.6623

■ 53.0610, -9.3971,
-19.3475

■ 29.8760, -8.8129,
-20.0623

■ 15.8490, -7.8136,

-13.8996

■ 0.0000, 0.0000,
0.0000

■ 178.9530,
-12.3018, -21.0068

■ 178.9530,
-12.3018, -21.0068

■ 170.9920,
-18.2371, -30.6880

■ 186.9140, -6.3666,
-11.3256

■ 163.1450,
-23.7355, -40.4692

■ 194.7610, -0.8682,
-1.5444

■ 155.1840,
-29.6707, -50.1504

■ 202.7220, 5.0671,
8.1368

■ 147.0380,
-35.0217, -60.5463

■ 210.8680, 10.4181,
18.5328

■ 139.0770,
-40.9570, -70.2275

■ 218.8290, 16.3533,
28.2140

■ 131.1160,
-46.8922, -79.9087

■ 220.3670, 17.0741,
30.3731

■ 123.2690,
-52.3906, -89.6899

■ 116.5470,
-57.4577, -97.8267

Harmonies

Analogous

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



182.2780, -21.8291, 1.5102



178.9530, -12.3018, -21.0068



175.3770, 1.2931, -41.5496

Triad

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



178.9530, -12.3018, -21.0068



181.6750, 26.2892, -32.1640



188.5170, -10.6079, 42.5196

Complementary

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



178.9530, -12.3018, -21.0068



171.0470, 12.3018, 21.0068

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.



189.6870, 1.6333, 36.2315



178.9530, -12.3018, -21.0068



186.8140, 22.2767, -5.0989

Square

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



178.9530, -12.3018, -21.0068



175.6850, 24.3123, -51.4667



189.6770, 13.4702, 19.5773



186.6660, -20.0483, 37.1269

Rectangle

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



178.9530, -12.3018, -21.0068



174.0150, 10.3456, -51.7562



189.6770, 13.4702, 19.5773



188.9560, -6.3873, 42.1346

Sweetspot

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



178.9530, -12.3018, -21.0068



248.8050, -4.3409, -7.7220



190.6250, -18.0561, 4.7139



124.2830, -2.6045, -4.6332



0.0000, 0.0000, 0.0000



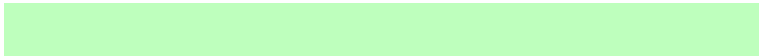
128.0000, 0.0000, 0.0000

Same Dimension

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



178.9530, -12.3018, -21.0068



228.0410, -19.2472, -33.3620



180.9340, -3.4185, -23.6211



92.8700, -2.8939, -5.1480



95.7030, -47.1816, -80.4235



19.6700, -9.6973, -16.3736

Inverse Universe

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



171.0470, 12.3018, 21.0068



215.6600, 19.3946, 32.7472



169.0660, 3.4185, 23.6211



91.1300, 2.8939, 5.1480



65.2970, 47.1816, 80.4235



13.3300, 9.6973, 16.3736

Previews

White Background



This preview shows how the YUV color 178.9530, -12.3018, -21.0068 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 178.9530, -12.3018, -21.0068 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

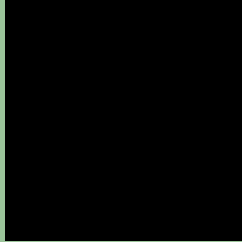
Any Text WCAG AA ✓ Pass

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 178.9530, -12.3018, -21.0068 Background



This preview shows how black text looks on a background with the YUV color 178.9530, -12.3018, -21.0068.



This preview shows how white text looks on a background with the YUV color 178.9530, -12.3018, -21.0068.

-21.0068.

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

178.9530, -12.3018, -21.0068

Protanopia

184.1850, -17.3462, 10.3618

Deuteranopia

185.8860, -13.7478, 22.9020



Tritanopia

183.2350, 10.2371, -16.8691

Trichromacy



Original Color

178.9530, -12.3018, -21.0068

Protanomaly

182.2760, -15.4191, -1.1191

Deuteranomaly

183.6020, -13.1148, 6.4880

Tritanomaly

182.0470, 1.9488, -18.4582

Monochromacy



Original Color

178.9530, -12.3018, -21.0068

Achromatopsia

179.0000, 0.0000, 0.0000

Achromatomaly

178.8050, -4.3409, -7.7220

CSS Examples

Text

The CSS property to change the color of the text to YUV 178.9530, -12.3018, -21.0068 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(155, 196, 154)` looks like.

```
.text, #text, p{  
    color:rgb(155, 196, 154)  
}
```

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(155, 196, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 196, 154) }
```

Border

The CSS property to change the border of an element to YUV 178.9530, -12.3018, -21.0068 is called "border".

The border property can be set on classes, ids or directly on the HTML element.

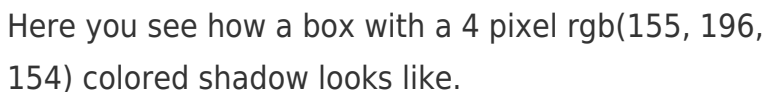
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(155, 196, 154) }
```


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

```
.border{ border-color:rgb(155, 196, 154) }
```

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



Here you see how a box with a 4 pixel `rgb(155, 196, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(155, 196, 154); -webkit-box-shadow:4px 4px 4px 4px rgb(155, 196, 154); box-shadow:4px 4px 4px 4px rgb(155, 196, 154) }
```

Background

The CSS property to change the background color of an element to YUV 178.9530, -12.3018, -21.0068 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 196, 154) }
```

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

```
.background{ background-color: rgb(155,  
196, 154) }
```

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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