

Converting Colors

YUV(151.8570, -16.6915,
-13.0296)

Have a look what the booklet for
YUV(151.8570, -16.6915, -13.0296)
contains.

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Color

**YUV(151.8570, -16.6915,
-13.0296)**

Conversions

Conversions Part 1

Format	Color
Hex	89A676
RGB	137, 166, 118
RGB Percent	54%, 65%, 46%
CMY	0.4627, 0.3490, 0.5373
CMYK	0.17, 0.00, 0.29, 0.35
HSL	96°, 21%, 56%
HSV	96°, 29%, 65%
XYZ	27.2228, 33.8988, 22.2479
YIQ	151.8570, -1.8760, -21.0760

Conversions

Conversions Part 2

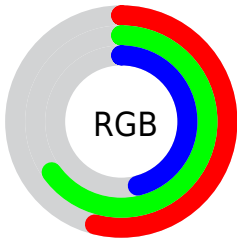
Format	Color
RYB	118, 166, 147
Decimal	9021046
CIELab	64.88, -19.04, 21.65
CIELCh	65, 28.837, 131.332
Yxy	33.8988, 0.3265, 0.4066
Android (android.graphics.Color)	4287211126 (0xFF89A676)
YUV	151.8570, -16.6915, -13.0296
Hunter-Lab	58.2227, -18.4297, 18.1002

Details

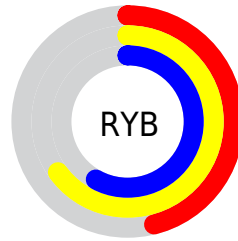
The YUV color **151.8570, -16.6915, -13.0296** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **132.1430, 16.6915, 13.0296**, and the grayscale version is **152.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **206.2160, -17.8545, -13.3444**, and **100.4980, -15.5285, -12.7147** is the 20% darker color. If you saturate the color by 10%, you get **146.9290, -22.6430, -17.4777**, and if you desaturate by 10%, it is **156.7850, -10.7400, -8.5814**.

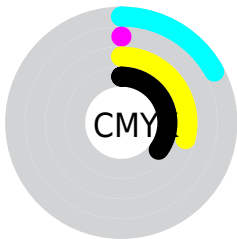
Distribution



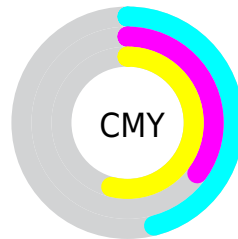
- Red (54%)
- Green (65%)
- Blue (46%)



- Red (46%)
- Yellow (65%)
- Blue (58%)



- Cyan (17%)
- Magenta (0%)
- Yellow (29%)
- Black (35%)



- Cyan (46%)
- Magenta (35%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the YUV color 151.8570, -16.6915, -13.0296 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 151.8570, -16.6915, -13.0296 by changing the saturation by 10% instead.

■ 151.8570,
-16.6915, -13.0296

■ 151.8570,
-16.6915, -13.0296

255.0000, 0.0000,
0.0000

■ 125.9710,
-16.2547, -13.1296

■ 206.2160,
-17.8545, -13.3444

■ 100.4980,
-15.5285, -12.7147

■ 234.8030,
-18.1439, -13.8592

■ 76.0250, -14.8023,
-12.2999

■ 249.6010,
-11.6353, -1.4041

■ 53.2530, -13.9287,
-12.4999

■ 30.6230, -15.0971,
-11.0704

■ 14.6750, -7.2348,
-12.8700

■ 0.0000, 0.0000,

0.0000

■ 151.8570,
-16.6915, -13.0296

■ 151.8570,
-16.6915, -13.0296

■ 146.9290,
-22.6430, -17.4777

■ 156.7850,
-10.7400, -8.5814

■ 142.1150,
-28.1577, -22.0259

■ 161.5990, -5.2253,
-4.0333

■ 137.1870,
-34.1092, -26.4740

■ 166.5270, 0.7262,
0.4148

■ 132.3730,
-39.6239, -31.0221

■ 171.3410, 6.2409,
4.9629

■ 127.4450,
-45.5754, -35.4703

■ 176.2690, 12.1924,
9.4111

■ 122.5170,
-51.5269, -39.9184

■ 181.1970, 18.1439,
13.8592

■ 117.7030,
-57.0416, -44.4665

■ 186.0110, 23.6586,
18.4074

■ 117.1760,
-57.7678, -44.8814

■ 190.9390, 29.6101,
22.8555

■ 194.3850, 29.8832,
28.6034

Harmonies

Analogous

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



155.1650, -23.7453, 9.5023



151.8570, -16.6915, -13.0296



147.7430, -3.8173, -35.7316

Triad

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



151.8570, -16.6915, -13.0296



150.2390, 27.4902, -44.0596



160.3690, -6.0979, 42.6494

Complementary

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



151.8570, -16.6915, -13.0296



132.1430, 16.6915, 13.0296

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.



161.3320, 6.7383, 32.1578



151.8570, -16.6915, -13.0296



157.1330, 25.0774, -16.7796

Square

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



151.8570, -16.6915, -13.0296



143.9890, 23.1764, -60.5034



160.3600, 17.5705, 11.0853



158.8990, -16.7122, 40.4306

Rectangle

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



151.8570, -16.6915, -13.0296



145.2880, 6.2670, -50.2416



160.3600, 17.5705, 11.0853



160.7970, -1.8719, 40.5200

Sweetspot

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



151.8570, -16.6915, -13.0296



211.1320, -6.9671, -5.3778



149.3750, -15.4679, 14.5801



106.2400, -4.0623, -3.7185



237.0000, 0.0000, 0.0000



110.0000, 0.0000, 0.0000

Same Dimension

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



151.8570, -16.6915, -13.0296



194.5820, -26.4159, -20.6814



146.7460, -11.7068, -25.2102



81.5930, -2.7573, -2.2741



104.5170, -51.5269, -39.9184



14.1320, -6.9671, -5.3778

Inverse Universe

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



132.1430, 16.6915, 13.0296



163.4180, 26.4159, 20.6814



137.2540, 11.7068, 25.2102



78.4070, 2.7573, 2.2741



43.4830, 51.5269, 39.9184



5.8680, 6.9671, 5.3778

Previews

White Background



This preview shows how the YUV color 151.8570, -16.6915, -13.0296 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 151.8570, -16.6915, -13.0296 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

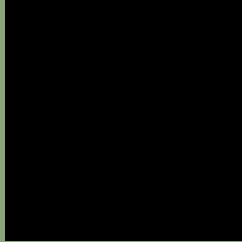
Any Text WCAG AA ✓ Pass

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 151.8570, -16.6915, -13.0296 Background



This preview shows how black text looks on a background with the YUV color 151.8570, -16.6915, -13.0296.



This preview shows how white text looks on a background with the YUV color 151.8570, -16.6915, -13.0296.

-13.0296.

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

151.8570, -16.6915, -13.0296

Protanopia

155.6860, -20.5512, 11.6764

Deuteranopia

157.4470, -17.9684, 23.2870



Tritanopia

156.2960, 7.7421, -9.9066

Trichromacy



Original Color

151.8570, -16.6915, -13.0296

Protanomaly

153.9730, -19.2137, 2.6547

Deuteranomaly

155.1850, -17.3462, 10.3618

Tritanomaly

154.8800, -1.4198, -11.2958

Monochromacy



Original Color

151.8570, -16.6915, -13.0296

Achromatopsia

152.0000, 0.0000, 0.0000

Achromatomaly

152.0720, -5.9515, -4.4481

CSS Examples

Text

The CSS property to change the color of the text to YUV 151.8570, -16.6915, -13.0296 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(137, 166, 118)` looks like.

```
.text, #text, p{  
    color:rgb(137, 166, 118)  
}
```

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(137, 166, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 166, 118) }
```

Border

The CSS property to change the border of an element to YUV 151.8570, -16.6915, -13.0296 is called "border".

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

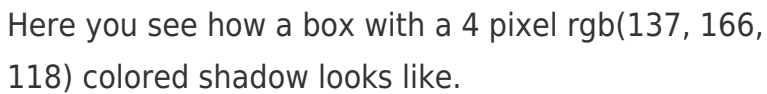
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(137, 166, 118) }
```


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

```
.border{ border-color:rgb(137, 166, 118) }
```

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



Here you see how a box with a 4 pixel `rgb(137, 166, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(137, 166, 118); -webkit-box-shadow:4px 4px 4px 4px rgb(137, 166, 118); box-shadow:4px 4px 4px 4px rgb(137, 166, 118) }
```

Background

The CSS property to change the background color of an element to YUV 151.8570, -16.6915, -13.0296 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 166, 118) }
```

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

```
.background{ background-color: rgb(137,  
166, 118) }
```

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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