

# Converting Colors

YUV(131.9200, -12.2856,  
-26.2398)

Have a look what the booklet for  
YUV(131.9200, -12.2856, -26.2398)  
contains.

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# Color

**YUV(131.9200, -12.2856,  
-26.2398)**

# Conversions

## Conversions Part 1

Format	Color
Hex	66986B
RGB	102, 152, 107
RGB Percent	40%, 60%, 42%
CMY	0.6000, 0.4039, 0.5804
CMYK	0.33, 0.00, 0.30, 0.40
HSL	126°, 20%, 50%
HSV	126°, 33%, 60%
XYZ	19.3616, 26.3428, 17.9741
YIQ	131.9200, -15.3550, -24.5950

# Conversions

## Conversions Part 2

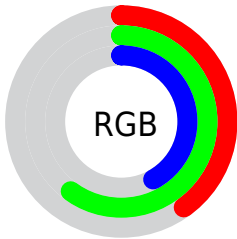
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	102, 147, 152
Decimal	6723691
CIE <sub>Lab</sub>	58.36, -26.33, 18.50
CIE <sub>LCh</sub>	58, 32.173, 144.909
Yxy	26.3428, 0.3041, 0.4137
Android (android.graphics.Color)	4284913771 (0xFF66986B)
YUV	131.9200, -12.2856, -26.2398
Hunter-Lab	51.3252, -22.4831, 15.1643

# Details

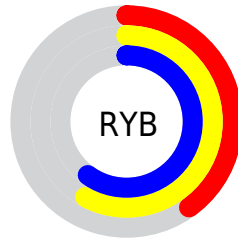
The YUV color  $131.9200, -12.2856, -26.2398$  is a dark color, and the websafe version is hex  $669966$ . A complement of this color would be  $122.0800, 12.2856, 26.2398$ , and the grayscale version is  $132.0000, 0.0000, 0.0000$ .

A 20% lighter version of the original color is  $185.9800, -13.3011, -27.1695$ , and  $81.5610, -11.1226, -25.9250$  is the 20% darker color. If you saturate the color by 10%, you get  $125.8390, -16.1896, -34.0618$ , and if you desaturate by 10%, it is  $138.0010, -8.3815, -18.4179$ .

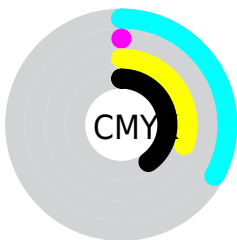
# Distribution



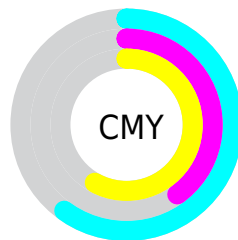
- Red (40%)
- Green (60%)
- Blue (42%)



- Red (40%)
- Yellow (58%)
- Blue (60%)



- Cyan (33%)
- Magenta (0%)
- Yellow (30%)
- Black (40%)



- Cyan (60%)
- Magenta (40%)
- Yellow (58%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 131.9200, -12.2856, -26.2398 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 131.9200, -12.2856, -26.2398 by changing the saturation by 10% instead.



■ 131.9200,  
-12.2856, -26.2398

■ 131.9200,  
-12.2856, -26.2398

■ 255.0000, 0.0000,  
0.0000

■ 106.4470,  
-11.5594, -25.8250

■ 185.9800,  
-13.3011, -27.1695

■ 81.5610, -11.1226,  
-25.9250

■ 213.5670,  
-13.5905, -27.6843

■ 56.9030, -9.8122,  
-26.2249

■ 236.7570,  
-11.7122, -23.4659

■ 32.9350, -8.3490,  
-28.8840

■ 248.4350, -3.1725,  
-9.1515

■ 19.3710, -9.5499,  
-16.9884

■ 0.0000, 0.0000,  
0.0000

■ 131.9200,  
-12.2856, -26.2398

■ 131.9200,  
-12.2856, -26.2398

■ 125.8390,  
-16.1896, -34.0618

■ 138.0010, -8.3815,  
-18.4179

■ 119.8720,  
-19.6569, -41.9837

■ 143.9680, -4.9142,  
-10.4959

■ 113.4920,  
-23.4136, -50.4205

■ 150.3480, -1.1576,  
-2.0592

■ 107.4110,  
-27.3176, -58.2424

■ 156.4290, 2.7465,  
5.7628

■ 101.4440,  
-30.7849, -66.1644

■ 162.3960, 6.2138,  
13.6847

■ 95.3630, -34.6890,  
-73.9864

■ 168.4770, 10.1178,  
21.5067

■ 90.9340, -37.4355,  
-79.7491

■ 174.5580, 14.0219,  
29.3286

■ 180.8240, 17.3418,

37.8654

■ 186.9050, 21.2458,  
45.6873

# Harmonies

## Analogous

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



136.0990, -23.7128, -0.9638



131.9200, -12.2856, -26.2398



125.6960, 4.0939, -53.2304

# Triad

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



131.9200, -12.2856, -26.2398



134.6680, 30.2367, -38.2968



142.1970, -11.9291, 46.3082

# Complementary

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



131.9200, -12.2856, -26.2398



122.0800, 12.2856, 26.2398

# 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.



143.6060, 1.1802, 41.5645



131.9200, -12.2856, -26.2398



141.9820, 24.1659, -4.3692

# Square

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



131.9200, -12.2856, -26.2398



122.9860, 31.0659, -71.0247



144.2260, 14.1856, 23.4808



140.6940, -22.5271, 38.8564



# Rectangle

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



131.9200, -12.2856, -26.2398



120.2020, 16.6624, -71.2142



144.2260, 14.1856, 23.4808



142.9350, -7.8560, 46.5380

# Sweetspot

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



131.9200, -12.2856, -26.2398



188.3810, -4.6248, -9.9811



144.8050, -21.1029, 1.9250



94.5710, -2.7465, -5.7628



227.0000, 0.0000, 0.0000



99.0000, 0.0000, 0.0000



# Same Dimension

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



131.9200, -12.2856, -26.2398



165.4100, -18.9361, -39.8246



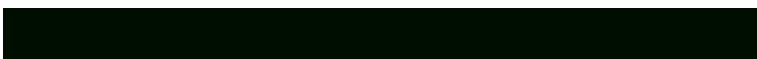
134.7700, -1.3656, -28.7393



73.8100, -1.8783, -4.2184



83.7760, -34.3996, -73.4716



7.7450, -3.3253, -6.7924



# Inverse Universe

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



122.0800, 12.2856, 26.2398



150.5900, 18.9361, 39.8246



119.2300, 1.3656, 28.7393



72.1900, 1.8783, 4.2184



56.2240, 34.3996, 73.4716



5.1410, 2.8885, 6.8923



# Previews

## White Background



This preview shows how the YUV color 131.9200, -12.2856, -26.2398 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 131.9200, -12.2856, -26.2398 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 × Fail

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

## **YUV 131.9200, -12.2856, -26.2398 Background**



This preview shows how black text looks on a background with the YUV color 131.9200, -12.2856, -26.2398.



This preview shows how white text looks on a background with the YUV color 131.9200, -12.2856, -26.2398.

-26.2398.

# 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

131.9200, -12.2856, -26.2398

### Protanopia

138.6580, -18.0724, 9.9469

### Deuteranopia

140.0490, -14.3212, 20.1280



## Tritanopia

137.0880, 9.8166, -22.0022

# Trichromacy



## Original Color

131.9200, -12.2856, -26.2398

## Protanomaly

136.1510, -15.8504, -2.7634

## Deuteranomaly

137.4660, -13.5407, 3.0993

## Tritanomaly

135.0140, 1.9651, -23.6913

# Monochromacy



## Original Color

131.9200, -12.2856, -26.2398

## Achromatopsia

132.0000, 0.0000, 0.0000

## Achromatomaly

131.7940, -4.3354, -9.4663

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 131.9200, -12.2856, -26.2398 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(102, 152, 107)` looks like.

```
.text, #text, p{  
    color:rgb(102, 152, 107)  
}
```

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(102, 152, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(102, 152, 107) }
```

## Border

The CSS property to change the border of an element to YUV 131.9200, -12.2856, -26.2398 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(102, 152, 107) }
```



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

```
.border{ border-color:rgb(102, 152, 107) }
```

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

Here you see how a box with a 4 pixel `rgb(102, 152, 107)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(102, 152, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(102, 152, 107);  
box-shadow:4px 4px 4px 4px rgb(102, 152,  
107) }
```

# Background

The CSS property to change the background color of an element to YUV 131.9200, -12.2856, -26.2398 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(102, 152, 107) }
```

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

```
.background{ background-color: rgb(102,  
152, 107) }
```

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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