

Converting Colors

YUV(165.8560, -11.7610,
-7.7667)

Have a look what the booklet for
YUV(165.8560, -11.7610, -7.7667)
contains.

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Color

**YUV(165.8560, -11.7610,
-7.7667)**

Conversions

Conversions Part 1

Format	Color
Hex	9DAF8E
RGB	157, 175, 142
RGB Percent	62%, 69%, 56%
CMY	0.3843, 0.3137, 0.4431
CMYK	0.10, 0.00, 0.19, 0.31
HSL	93°, 17%, 62%
HSV	93°, 19%, 69%
XYZ	34.1171, 39.7810, 31.4715
YIQ	165.8560, -0.1350, -14.0790

Conversions

Conversions Part 2

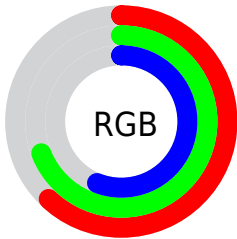
Format	Color
RYB	142, 175, 160
Decimal	10334094
CIELab	69.31, -12.39, 14.86
CIElCh	69, 19.342, 129.821
Yxy	39.7810, 0.3238, 0.3775
Android (android.graphics.Color)	4288524174 (0xFF9DAF8E)
YUV	165.8560, -11.7610, -7.7667
Hunter-Lab	63.0722, -13.8220, 14.5662

Details

The YUV color **165.8560, -11.7610, -7.7667** is a light color, and the websafe version is hex **999966**. A complement of this color would be **151.1440, 11.7610, 7.7667**, and the grayscale version is **166.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **221.3290, -12.4872, -8.1815**, and **114.0840, -10.8874, -7.9667** is the 20% darker color. If you saturate the color by 10%, you get **160.9280, -17.7125, -12.2149**, and if you desaturate by 10%, it is **170.8980, -5.3727, -3.4185**.

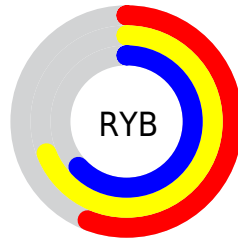
Distribution



Red (62%)

Green (69%)

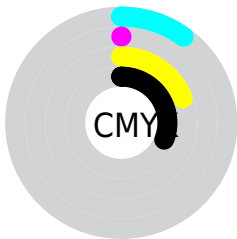
Blue (56%)



Red (56%)

Yellow (69%)

Blue (63%)

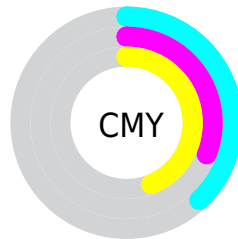


Cyan (10%)

Magenta (0%)

Yellow (19%)

Black (31%)



Cyan (38%)

Magenta (31%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the YUV color 165.8560, -11.7610, -7.7667 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 165.8560, -11.7610, -7.7667 by changing the saturation by 10% instead.

■ 165.8560,
-11.7610, -7.7667

■ 165.8560,
-11.7610, -7.7667

■ 255.0000, 0.0000,
0.0000

■ 139.2690,
-11.4716, -7.2519

■ 221.3290,
-12.4872, -8.1815

■ 114.0840,
-10.8874, -7.9667

■ 246.9810,
-11.3296, -6.1223

■ 89.4970, -10.5980,
-7.4519

■ 254.6580, -1.3104,
0.2999

■ 66.0240, -9.8718,
-7.0370

■ 43.5510, -9.1456,
-6.6222

■ 22.6930, -11.1876,
-4.9928

■ 0.0000, 0.0000,

0.0000

■ 165.8560,
-11.7610, -7.7667

■ 165.8560,
-11.7610, -7.7667

■ 160.9280,
-17.7125, -12.2149

■ 170.8980, -5.3727,
-3.4185

■ 156.1850,
-24.2482, -15.9482

■ 175.5270, 0.7262,
0.4148

■ 151.2570,
-30.1997, -20.3964

■ 180.5690, 7.1145,
4.7630

■ 146.5140,
-36.7354, -24.1298

■ 185.1980, 13.2134,
8.5964

■ 141.4720,
-43.1237, -28.4779

■ 190.2400, 19.6017,
12.9445

■ 136.8430,
-49.2226, -32.3113

■ 194.8690, 25.7006,
16.7779

■ 131.9150,
-55.1741, -36.7595

■ 198.7710, 27.7209,
22.1258

■ 127.1720,
-61.7098, -40.4928

■ 201.4620, 26.3942,
27.6588

■ 126.6450,
-62.4360, -40.9077

■ 204.4520, 24.9202,
33.8066

Harmonies

Analogous

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



168.1030, -16.3198, 7.8027



165.8560, -11.7610, -7.7667



163.6460, -3.2765, -22.4915

Triad

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



165.8560, -11.7610, -7.7667



165.5310, 17.9792, -26.7757



172.1500, -4.0179, 28.8095

Complementary

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



165.8560, -11.7610, -7.7667



151.1440, 11.7610, 7.7667

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.



172.3970, 4.7343, 21.5768



165.8560, -11.7610, -7.7667



169.2880, 16.6200, -10.7766

Square

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



165.8560, -11.7610, -7.7667



162.7380, 13.9332, -35.7272



171.5460, 12.0558, 6.5372



171.2010, -11.4381, 28.7647

Rectangle

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



165.8560, -11.7610, -7.7667



162.4970, 2.7130, -30.2539



171.5460, 12.0558, 6.5372



172.5350, -1.2498, 27.5948

Sweetspot

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



165.8560, -11.7610, -7.7667



223.3110, -5.0833, -2.9037



162.4330, -10.0735, 11.0213



112.5930, -2.7573, -2.2741



242.0000, 0.0000, 0.0000



115.0000, 0.0000, 0.0000

Same Dimension

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



165.8560, -11.7610, -7.7667



212.4010, -18.4387, -12.6297



161.4850, -9.1131, -17.0883



84.4790, -3.1941, -2.1741



108.3820, -53.4323, -35.4150



16.4910, -8.1301, -5.6926

Inverse Universe

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



151.1440, 11.7610, 7.7667



189.3000, 18.5861, 12.0149



155.5150, 9.1131, 17.0883



80.5210, 3.1941, 2.1741



41.6180, 53.4323, 35.4150



6.5090, 8.1301, 5.6926

Previews

White Background



This preview shows how the YUV color 165.8560, -11.7610, -7.7667 looks on a white background.

Color Contrast Check

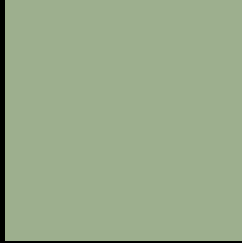
Large Text (above 18pt) WCAG AA × Fail

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 165.8560, -11.7610, -7.7667 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

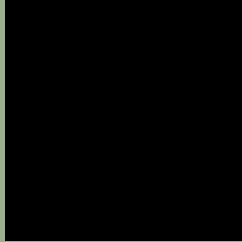
Any Text WCAG AA ✓ Pass

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 165.8560, -11.7610, -7.7667 Background



This preview shows how black text looks on a background with the YUV color 165.8560, -11.7610, -7.7667.



This preview shows how white text looks on a background with the YUV color 165.8560, -11.7610, -7.7667.

-7.7667.

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

165.8560, -11.7610, -7.7667

Protanopia

168.5700, -14.5780, 9.1471

Deuteranopia

170.2170, -12.4320, 20.8577



Tritanopia

168.8020, 6.9996, -5.0884

Trichromacy



Original Color

165.8560, -11.7610, -7.7667

Protanomaly

167.4660, -13.5407, 3.0993

Deuteranomaly

168.5640, -12.1101, 10.9064

Tritanomaly

167.6680, 0.1637, -5.8478

Monochromacy



Original Color

165.8560, -11.7610, -7.7667

Achromatopsia

166.0000, 0.0000, 0.0000

Achromatomaly

165.8380, -4.3571, -2.4889

CSS Examples

Text

The CSS property to change the color of the text to YUV 165.8560, -11.7610, -7.7667 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(157, 175, 142)` looks like.

```
.text, #text, p{  
    color:rgb(157, 175, 142)  
}
```

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(157, 175, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 175, 142) }
```

Border

The CSS property to change the border of an element to YUV 165.8560, -11.7610, -7.7667 is called "border". The border property can be set on classes, ids or directly on the HTML element.

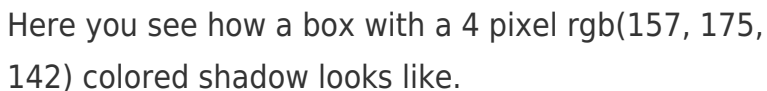
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(157, 175, 142) }
```


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

```
.border{ border-color:rgb(157, 175, 142) }
```

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



Here you see how a box with a 4 pixel `rgb(157, 175, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(157, 175, 142); -webkit-box-shadow:4px 4px 4px 4px rgb(157, 175, 142); box-shadow:4px 4px 4px 4px rgb(157, 175, 142) }
```

Background

The CSS property to change the background color of an element to YUV 165.8560, -11.7610, -7.7667 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 175, 142) }
```

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

```
.background{ background-color: rgb(157,  
175, 142) }
```

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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