

Converting Colors

YUV(150.3530, -2.1460,
-11.7106)

Have a look what the booklet for
YUV(150.3530, -2.1460, -11.7106)
contains.

YUV(150.3530, -2.1460, -11.7106)	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(150.3530, -2.1460,
-11.7106)**

Conversions

Conversions Part 1

Format	Color
Hex	899E92
RGB	137, 158, 146
RGB Percent	54%, 62%, 57%
CMY	0.4627, 0.3804, 0.4275
CMYK	0.13, 0.00, 0.08, 0.38
HSL	146°, 10%, 58%
HSV	146°, 13%, 62%
XYZ	27.7317, 31.8474, 31.8797
YIQ	150.3530, -8.6640, -8.1840

Conversions

Conversions Part 2

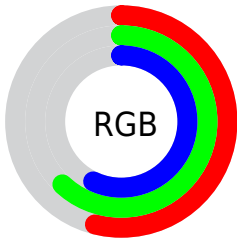
Format	Color
RYB	137, 152, 158
Decimal	9019026
CIELab	63.22, -9.82, 3.78
CIELCh	63, 10.525, 158.979
Yxy	31.8474, 0.3032, 0.3482
Android (android.graphics.Color)	4287209106 (0xFF899E92)
YUV	150.3530, -2.1460, -11.7106
Hunter-Lab	56.4335, -11.0429, 6.0101

Details

The YUV color **150.3530, -2.1460, -11.7106** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **144.6470, 2.1460, 11.7106**, and the grayscale version is **150.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **204.6410, -2.2880, -12.8402**, and **99.7660, -1.8566, -11.1958** is the 20% darker color. If you saturate the color by 10%, you get **144.5430, -3.7187, -20.6472**, and if you desaturate by 10%, it is **156.1630, -0.5734, -2.7740**.

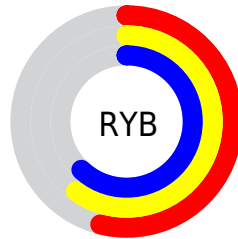
Distribution



Red (54%)

Green (62%)

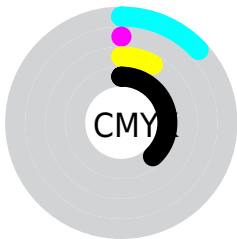
Blue (57%)



Red (54%)

Yellow (60%)

Blue (62%)

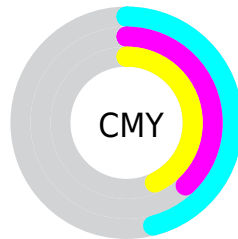


Cyan (13%)

Magenta (0%)

Yellow (8%)

Black (38%)



Cyan (46%)

Magenta (38%)

Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the YUV color 150.3530, -2.1460, -11.7106 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 150.3530, -2.1460, -11.7106 by changing the saturation by 10% instead.

■ 150.3530, -2.1460,
-11.7106

■ 150.3530, -2.1460,
-11.7106

255.0000, 0.0000,
0.0000

■ 124.6520, -2.2934,
-11.0958

■ 204.6410, -2.2880,
-12.8402

■ 99.7660, -1.8566,
-11.1958

■ 232.6410, -2.2880,
-12.8402

■ 75.1790, -1.5672,
-10.6810

■ 252.6080, 1.1793,
-4.9182

■ 52.4780, -1.7147,
-10.0662

■ 31.5920, -1.2779,
-10.1662

■ 10.2070, -4.0461,
-8.9515

■ 0.0000, 0.0000,

0.0000

■ 150.3530, -2.1460,
-11.7106

■ 150.3530, -2.1460,
-11.7106

■ 144.5430, -3.7187,
-20.6472

■ 156.1630, -0.5734,
-2.7740

■ 138.7330, -5.2914,
-29.5838

■ 161.9730, 0.9993,
6.1627

■ 133.2220, -7.0114,
-37.9057

■ 167.4840, 2.7194,
14.4845

■ 127.4120, -8.5841,
-46.8423

■ 173.2940, 4.2921,
23.4212

■ 121.6020,
-10.1568, -55.7790

■ 179.1040, 5.8647,
32.3578

■ 115.7920,
-11.7295, -64.7156

■ 184.9140, 7.4374,
41.2944

■ 109.9820,
-13.3021, -73.6522

■ 190.7240, 9.0101,
50.2311

■ 104.4710,
-15.0222, -81.9741

■ 193.8430, 11.9094,
53.6347

■ 100.4980,
-16.0215, -88.1367

■ 194.8690, 15.8406,
52.7349

Harmonies

Analogous

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



151.2570, -6.5357, -3.7334



150.3530, -2.1460, -11.7106



150.2860, 2.8170, -16.9138

Triad

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



150.3530, -2.1460, -11.7106



153.2580, 8.7468, -5.4883



154.4920, -6.1586, 15.3545

Complementary

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



150.3530, -2.1460, -11.7106



144.6470, 2.1460, 11.7106

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.



155.1160, -2.5222, 15.6843



150.3530, -2.1460, -11.7106



154.4440, 6.6831, 3.1186

Square

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



150.3530, -2.1460, -11.7106



151.6160, 9.0633, -13.6952



154.7610, 2.5828, 11.6106



153.4870, -8.6211, 11.8509

Rectangle

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



150.3530, -2.1460, -11.7106



149.7850, 6.0220, -18.2284



154.7610, 2.5828, 11.6106



154.4320, -5.1430, 16.2841

Sweetspot

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



150.3530, -2.1460, -11.7106



203.7390, -0.8573, -5.0331



152.9150, -7.8461, -3.4335



102.8640, -0.4260, -3.3887



232.0000, 0.0000, 0.0000



105.0000, 0.0000, 0.0000

Same Dimension

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



150.3530, -2.1460, -11.7106



194.9670, -3.4347, -18.3881



151.4930, 2.2220, -12.7104



76.1520, -0.5679, -4.5183



90.8950, -14.7382, -79.7149



9.6030, -1.2833, -8.4218

Inverse Universe

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



144.6470, 2.1460, 11.7106



185.9190, 2.9979, 18.4880



143.5070, -2.2220, 12.7104



73.9620, 1.0047, 4.4183



52.1050, 14.7382, 79.7149



5.5110, 1.7201, 8.3219

Previews

White Background



This preview shows how the YUV color 150.3530, -2.1460, -11.7106 looks on a white background.

Color Contrast Check

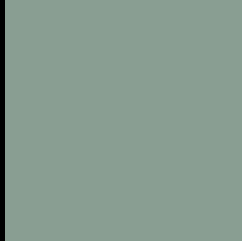
Large Text (above 18pt) WCAG AA × Fail

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 150.3530, -2.1460, -11.7106 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

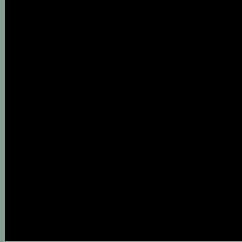
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 150.3530, -2.1460, -11.7106

Background



This preview shows how black text looks on a background with the YUV color 150.3530, -2.1460, -11.7106.



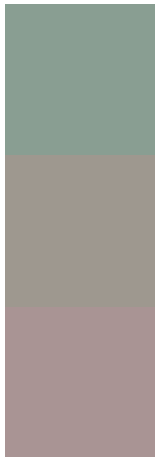
This preview shows how white text looks on a background with the YUV color 150.3530, -2.1460, -11.7106.

-11.7106.

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

150.3530, -2.1460, -11.7106

Protanopia

152.7680, -4.8156, 4.5885

Deuteranopia

154.2790, -3.0955, 12.9103



Tritanopia

152.1820, 7.3053, -9.8066

Trichromacy



Original Color

150.3530, -2.1460, -11.7106

Protanomaly

151.6640, -3.7784, -1.4593

Deuteranomaly

152.9250, -2.9210, 3.5738

Tritanomaly

151.5580, 3.6689, -10.1364

Monochromacy



Original Color

150.3530, -2.1460, -11.7106

Achromatopsia

150.0000, 0.0000, 0.0000

Achromatomaly

150.1520, -0.5679, -4.5183

CSS Examples

Text

The CSS property to change the color of the text to YUV 150.3530, -2.1460, -11.7106 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, 158, 146)` looks like.

```
.text, #text, p{  
    color:rgb(137, 158, 146)  
}
```

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, 158, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 158, 146) }
```

Border

The CSS property to change the border of an element to YUV 150.3530, -2.1460, -11.7106 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, 158, 146) }
```


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

```
.border{ border-color:rgb(137, 158, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(137, 158, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(137, 158, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(137, 158, 146);  
box-shadow:4px 4px 4px 4px rgb(137, 158,  
146) }
```

Background

The CSS property to change the background color of an element to YUV 150.3530, -2.1460, -11.7106 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 158, 146) }
```

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

```
.background{ background-color: rgb(137,  
158, 146) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor