

Converting Colors

YUV(154.3530, -25.8100,
-28.3736)

Have a look what the booklet for
YUV(154.3530, -25.8100, -28.3736)
contains.

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Color

**YUV(154.3530, -25.8100,
-28.3736)**

Conversions

Conversions Part 1

Format	Color
Hex	7AB566
RGB	122, 181, 102
RGB Percent	48%, 71%, 40%
CMY	0.5216, 0.2902, 0.6000
CMYK	0.33, 0.00, 0.44, 0.29
HSL	105°, 35%, 55%
HSV	105°, 44%, 71%
XYZ	26.9482, 38.1446, 18.5127
YIQ	154.3530, -9.8050, -37.0770

Conversions

Conversions Part 2

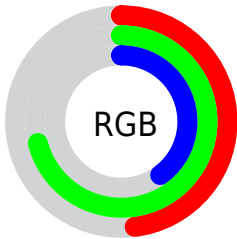
Format	Color
RYB	102, 181, 161
Decimal	8041830
CIELab	68.13, -34.14, 34.25
CIELCh	68, 48.360, 134.912
Yxy	38.1446, 0.3223, 0.4562
Android (android.graphics.Color)	4286231910 (0xFF7AB566)
YUV	154.3530, -25.8100, -28.3736
Hunter-Lab	61.7613, -30.1978, 25.4610

Details

The YUV color **154.3530, -25.8100, -28.3736** is a dark color, and the websafe version is hex **99CC66**. A complement of this color would be **128.6470, 25.8100, 28.3736**, and the grayscale version is **155.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **209.5980, -27.4098, -28.5884**, and **102.1080, -24.2102, -28.1587** is the 20% darker color. If you saturate the color by 10%, you get **148.1150, -31.6087, -35.1809**, and if you desaturate by 10%, it is **160.5910, -20.0114, -21.5663**.

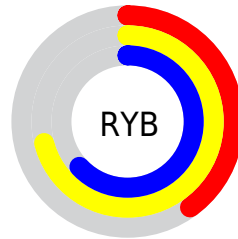
Distribution



Red (48%)

Green (71%)

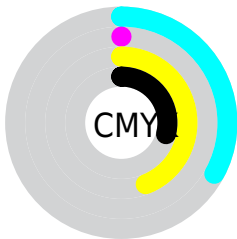
Blue (40%)



Red (40%)

Yellow (71%)

Blue (63%)

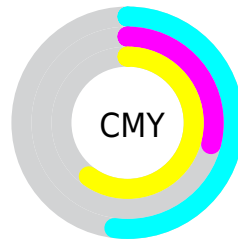


Cyan (33%)

Magenta (0%)

Yellow (44%)

Black (29%)



Cyan (52%)

Magenta (29%)

Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the YUV color 154.3530, -25.8100, -28.3736 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 154.3530, -25.8100, -28.3736 by changing the saturation by 10% instead.

■ 154.3530,
-25.8100, -28.3736

■ 154.3530,
-25.8100, -28.3736

■ 255.0000, 0.0000,
0.0000

■ 127.8800,
-25.0838, -27.9588

■ 209.5980,
-27.4098, -28.5884

■ 102.1080,
-24.2102, -28.1587

■ 231.6140,
-24.9527, -23.3405

■ 76.0370, -23.1892,
-28.9734

■ 243.4770,
-16.9972, -8.3113

■ 50.0150, -23.1784,
-32.4622

■ 253.0620, -7.4256,
1.6996

■ 31.6980, -15.6271,
-27.7991

■ 20.5450, -10.1287,
-18.0180

■ 0.0000, 0.0000,

0.0000

■ 154.3530,
-25.8100, -28.3736

■ 154.3530,
-25.8100, -28.3736

■ 148.1150,
-31.6087, -35.1809

■ 160.5910,
-20.0114, -21.5663

■ 142.1760,
-37.5548, -41.3734

■ 166.5300,
-14.0653, -15.3738

■ 135.9380,
-43.3534, -48.1806

■ 172.7680, -8.2666,
-8.5665

■ 129.9990,
-49.2995, -54.3731

■ 178.7070, -2.3206,
-2.3740

■ 123.6470,
-55.5350, -61.0804

■ 185.0590, 3.9149,
4.3333

■ 120.0010,
-59.1605, -64.8989

■ 190.9980, 9.8610,
10.5258

■ 197.2360, 15.6597,
17.3330

■ 203.1750, 21.6057,
23.5255

■ 208.2730, 23.0364,
31.3326

Harmonies

Analogous

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



159.8110, -40.3328, 9.8128



154.3530, -25.8100, -28.3736



141.2060, 0.3914, -79.1107

Triad

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



154.3530, -25.8100, -28.3736



132.3990, 57.9773, -116.1139



167.4050, -10.5527, 71.5588

Complementary

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



154.3530, -25.8100, -28.3736



128.6470, 25.8100, 28.3736

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.



169.7080, 10.0040, 58.1381



154.3530, -25.8100, -28.3736



163.9480, 42.4236, -27.1414

Square

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



154.3530, -25.8100, -28.3736



134.4730, 45.6158, -117.9328



170.5970, 28.2997, 23.1554



165.7250, -29.4444, 64.2622

Rectangle

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



154.3530, -25.8100, -28.3736



129.9640, 20.7237, -113.9784



170.5970, 28.2997, 23.1554



167.9300, -3.4165, 69.3444

Sweetspot

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



154.3530, -25.8100, -28.3736



224.5890, -10.1504, -11.0406



159.6670, -28.4298, 18.7090



110.7620, -5.7987, -6.8073



245.0000, 0.0000, 0.0000



117.0000, 0.0000, 0.0000

Same Dimension

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



154.3530, -25.8100, -28.3736



193.5840, -39.7279, -44.3622



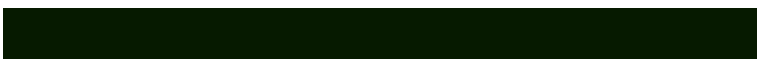
150.4250, -14.9995, -42.4687



86.1800, -3.0467, -2.7889



101.4720, -50.0257, -54.7879



17.0560, -8.4086, -9.6961

Inverse Universe

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



128.6470, 25.8100, 28.3736



154.1170, 39.8753, 43.7474



132.5750, 14.9995, 42.4687



83.1190, 2.8993, 3.4036



51.5280, 50.0257, 54.7879



8.6450, 8.5560, 9.0813

Previews

White Background



This preview shows how the YUV color 154.3530, -25.8100, -28.3736 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 154.3530, -25.8100, -28.3736 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

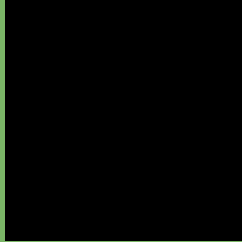
Any Text WCAG AA ✓ Pass

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 154.3530, -25.8100, -28.3736 Background



This preview shows how black text looks on a background with the YUV color 154.3530, -25.8100, -28.3736.



This preview shows how white text looks on a background with the YUV color 154.3530, -25.8100, -28.3736.

-28.3736.

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

154.3530, -25.8100, -28.3736

Protanopia

161.9180, -32.4976, 16.7349

Deuteranopia

164.4450, -28.3204, 30.3047



Tritanopia

162.1310, 11.2744, -22.9169

Trichromacy



Original Color

154.3530, -25.8100, -28.3736

Protanomaly

159.3890, -30.2648, 0.5358

Deuteranomaly

160.5410, -27.3817, 9.1725

Tritanomaly

159.5640, -2.2501, -25.0506

Monochromacy



Original Color

154.3530, -25.8100, -28.3736

Achromatopsia

154.0000, 0.0000, 0.0000

Achromatomaly

154.1160, -9.4242, -10.6257

CSS Examples

Text

The CSS property to change the color of the text to YUV 154.3530, -25.8100, -28.3736 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(122, 181, 102)` looks like.

```
.text, #text, p{  
    color:rgb(122, 181, 102)  
}
```

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(122, 181, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 181, 102) }
```

Border

The CSS property to change the border of an element to YUV 154.3530, -25.8100, -28.3736 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(122, 181, 102) }
```


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

```
.border{ border-color:rgb(122, 181, 102) }
```

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

Here you see how a box with a 4 pixel `rgb(122, 181, 102)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 181, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 181, 102);  
box-shadow:4px 4px 4px 4px rgb(122, 181,  
102) }
```

Background

The CSS property to change the background color of an element to YUV 154.3530, -25.8100, -28.3736 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 181, 102) }
```

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

```
.background{ background-color: rgb(122,  
181, 102) }
```

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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