

Converting Colors

YUV(158.5530, -35.7686,
-7.5010)

Have a look what the booklet for
YUV(158.5530, -35.7686, -7.5010)
contains.

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Color

**YUV(158.5530, -35.7686,
-7.5010)**

Conversions

Conversions Part 1

Format	Color
Hex	96B156
RGB	150, 177, 86
RGB Percent	59%, 69%, 34%
CMY	0.4118, 0.3059, 0.6627
CMYK	0.15, 0.00, 0.51, 0.31
HSL	78°, 37%, 52%
HSV	78°, 51%, 69%
XYZ	29.9795, 38.6002, 14.6746
YIQ	158.5530, 13.1190, -34.0250

Conversions

Conversions Part 2

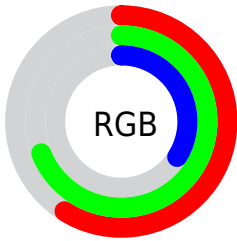
Format	Color
RYB	86, 177, 113
Decimal	9875798
CIELab	68.46, -23.70, 43.08
CIELCh	68, 49.169, 118.816
Yxy	38.6002, 0.3601, 0.4636
Android (android.graphics.Color)	4288065878 (0xFF96B156)
YUV	158.5530, -35.7686, -7.5010
Hunter-Lab	62.1291, -22.5931, 29.4863

Details

The YUV color **158.5530, -35.7686, -7.5010** is a dark color, and the websafe version is hex **99CC66**. A complement of this color would be **104.4470, 35.7686, 7.5010**, and the grayscale version is **159.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **214.0970, -37.5158, -7.1011**, and **105.8950, -34.4582, -7.8009** is the 20% darker color. If you saturate the color by 10%, you get **155.0060, -42.8940, -8.7753**, and if you desaturate by 10%, it is **162.1000, -28.6433, -6.2267**.

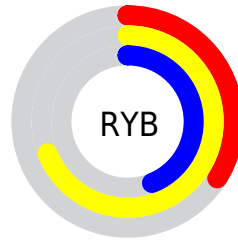
Distribution



Red (59%)

Green (69%)

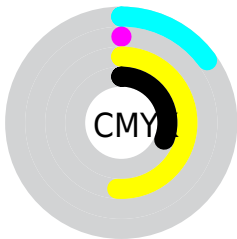
Blue (34%)



Red (34%)

Yellow (69%)

Blue (44%)

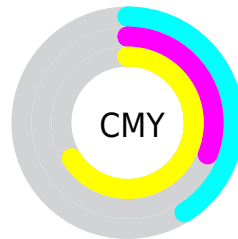


Cyan (15%)

Magenta (0%)

Yellow (51%)

Black (31%)



Cyan (41%)

Magenta (31%)

Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the YUV color 158.5530, -35.7686, -7.5010 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 158.5530, -35.7686, -7.5010 by changing the saturation by 10% instead.

■ 158.5530,
-35.7686, -7.5010

■ 158.5530,
-35.7686, -7.5010

■ 255.0000, 0.0000,
0.0000

■ 131.7810,
-34.8950, -7.7009

■ 214.0970,
-37.5158, -7.1011

■ 105.8950,
-34.4582, -7.8009

■ 238.7600,
-36.3637, -3.2975

■ 80.0260, -36.4948,
-7.9158

■ 247.9320,
-27.0815, 6.1986

■ 58.0780, -28.6325,
-9.7154

■ 251.1240,
-14.8511, 3.3993

■ 36.8030, -18.1439,
-13.8592

■ 254.4300, -2.1840,
0.4999

■ 18.7840, -9.2605,
-16.4736

■ 0.0000, 0.0000,

0.0000

■ 158.5530,
-35.7686, -7.5010

■ 158.5530,
-35.7686, -7.5010

■ 155.0060,
-42.8940, -8.7753

■ 162.1000,
-28.6433, -6.2267

■ 151.2740,
-49.4351, -10.7643

■ 165.8320,
-22.1022, -4.2377

■ 147.7270,
-56.5604, -12.0386

■ 169.3790,
-14.9768, -2.9634

■ 144.1800,
-63.6857, -13.3129

■ 172.9260, -7.8515,
-1.6891

■ 140.9750,
-69.5007, -14.8871

■ 176.4730, -0.7262,
-0.4148

■ 180.2050, 5.8149,
1.5742

■ 183.7520, 12.9403,
2.8485

■ 187.2990, 20.0656,
4.1228

■ 190.7320, 26.7541,
5.4970

Harmonies

Analogous

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



163.1230, -43.4446, 27.9561



158.5530, -35.7686, -7.5010



150.2670, -15.4146, -49.3462

Triad

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



158.5530, -35.7686, -7.5010



135.0090, 52.7466, -118.4029



169.6570, 0.6621, 67.8298

Complementary

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



158.5530, -35.7686, -7.5010



104.4470, 35.7686, 7.5010

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.



171.7690, 20.8199, 42.2986



158.5530, -35.7686, -7.5010



154.5520, 49.5209, -63.6281

Square

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



158.5530, -35.7686, -7.5010



134.6550, 36.1591, -118.0924



169.4350, 37.2535, -2.1355



167.5870, -20.0094, 71.3992

Rectangle

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



158.5530, -35.7686, -7.5010



136.1870, 5.8238, -94.8800



169.4350, 37.2535, -2.1355



170.1600, 7.8091, 62.1267

Sweetspot

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



158.5530, -35.7686, -7.5010



222.7210, -13.6665, -3.2633



128.4710, -20.9382, 42.5599



110.8120, -8.2883, -1.5891



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.



158.5530, -35.7686, -7.5010



200.8410, -56.1236, -12.1386



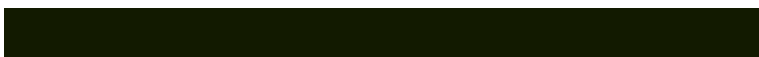
145.3970, -29.2827, -34.5512



87.3760, -3.6364, -0.3298



122.1030, -60.1968, -12.3683



20.6440, -10.1775, -2.3188

Inverse Universe

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



104.4470, 35.7686, 7.5010



115.8600, 56.2710, 11.5238



117.6030, 29.2827, 34.5512



81.9230, 3.4890, 0.9445



30.8970, 60.1968, 12.3683



5.3560, 10.1775, 2.3188

Previews

White Background



This preview shows how the YUV color 158.5530, -35.7686, -7.5010 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 158.5530, -35.7686, -7.5010 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 158.5530, -35.7686, -7.5010 Background



This preview shows how black text looks on a background with the YUV color 158.5530, -35.7686, -7.5010.



This preview shows how white text looks on a background with the YUV color 158.5530, -35.7686, -7.5010.

-7.5010.

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

158.5530, -35.7686, -7.5010

Protanopia

162.5070, -39.1970, 18.8494

Deuteranopia

164.7030, -36.3356, 34.4635



Tritanopia

166.9870, 6.4154, -4.3736

Trichromacy



Original Color

158.5530, -35.7686, -7.5010

Protanomaly

161.3810, -38.1488, 9.3129

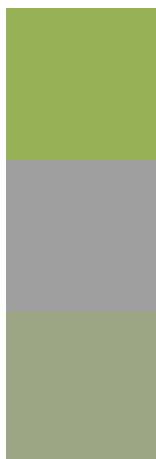
Deuteranomaly

162.6040, -36.2868, 18.7643

Tritanomaly

164.2630, -9.0037, -5.4927

Monochromacy



Original Color

158.5530, -35.7686, -7.5010

Achromatopsia

159.0000, 0.0000, 0.0000

Achromatomaly

159.1340, -13.3771, -2.7485

CSS Examples

Text

The CSS property to change the color of the text to YUV 158.5530, -35.7686, -7.5010 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(150, 177, 86)` looks like.

```
.text, #text, p{  
    color:rgb(150, 177, 86)  
}
```

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(150, 177, 86) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 177, 86) }
```

Border

The CSS property to change the border of an element to YUV 158.5530, -35.7686, -7.5010 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(150, 177, 86) }
```


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

```
.border{ border-color:rgb(150, 177, 86) }
```

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

Here you see how a box with a 4 pixel rgb(150, 177, 86) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 177, 86); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 177, 86);  
box-shadow:4px 4px 4px 4px rgb(150, 177,  
86) }
```

Background

The CSS property to change the background color of an element to YUV 158.5530, -35.7686, -7.5010 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 177, 86) }
```

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

```
.background{ background-color: rgb(150,  
177, 86) }
```

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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