

Converting Colors

YUV(158.5510, -25.9076,
3.0248)

Have a look what the booklet for
YUV(158.5510, -25.9076, 3.0248)
contains.

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Color

**YUV(158.5510, -25.9076,
3.0248)**

Conversions

Conversions Part 1

Format	Color
Hex	A2A76A
RGB	162, 167, 106
RGB Percent	64%, 65%, 42%
CMY	0.3647, 0.3451, 0.5843
CMYK	0.03, 0.00, 0.37, 0.35
HSL	65°, 26%, 54%
HSV	65°, 37%, 65%
XYZ	31.3205, 36.3594, 19.0030
YIQ	158.5510, 16.6010, -20.0310

Conversions

Conversions Part 2

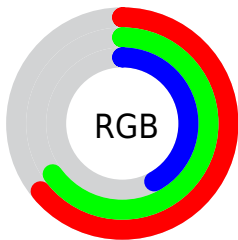
Format	Color
RYB	106, 167, 111
Decimal	10659690
CIELab	66.79, -11.51, 30.98
CIELCh	67, 33.050, 110.387
Yxy	36.3594, 0.3613, 0.4195
Android (android.graphics.Color)	4288849770 (0xFFA2A76A)
YUV	158.5510, -25.9076, 3.0248
Hunter-Lab	60.2988, -12.8060, 23.5241

Details

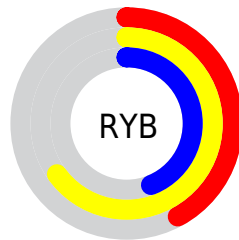
The YUV color **158.5510, -25.9076, 3.0248** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **114.4490, 25.9076, -3.0248**, and the grayscale version is **159.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **213.5080, -27.3654, 3.9395**, and **106.5940, -24.4498, 2.1101** is the 20% darker color. If you saturate the color by 10%, you get **156.3140, -33.1858, 4.1096**, and if you desaturate by 10%, it is **160.7880, -18.6295, 1.9399**.

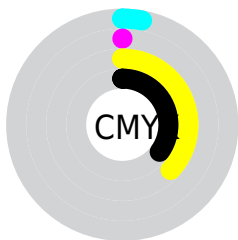
Distribution



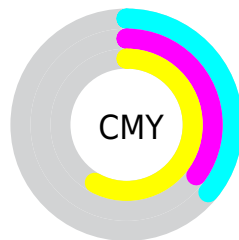
- Red (64%)
- Green (65%)
- Blue (42%)



- Red (42%)
- Yellow (65%)
- Blue (44%)



- Cyan (3%)
- Magenta (0%)
- Yellow (37%)
- Black (35%)



- Cyan (36%)
- Magenta (35%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the YUV color 158.5510, -25.9076, 3.0248 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 158.5510, -25.9076, 3.0248 by changing the saturation by 10% instead.

■ 158.5510,
-25.9076, 3.0248

■ 158.5510,
-25.9076, 3.0248

■ 255.0000, 0.0000,
0.0000

■ 132.3660,
-25.3234, 2.3100

■ 213.5080,
-27.3654, 3.9395

■ 106.5940,
-24.4498, 2.1101

■ 241.9810,
-28.0916, 3.5247

■ 82.4090, -23.8656,
1.3953

■ 250.2120,
-18.3455, 4.1991

■ 58.5230, -23.4288,
1.2953

■ 253.5180, -5.6784,
1.2997

■ 37.7770, -18.6241,
0.1956

■ 17.0670, -8.4140,
-7.9518

■ 0.0000, 0.0000,

0.0000

■ 158.5510,
-25.9076, 3.0248

■ 158.5510,
-25.9076, 3.0248

■ 156.3140,
-33.1858, 4.1096

■ 160.7880,
-18.6295, 1.9399

■ 153.8920,
-39.8798, 4.4797

■ 163.2100,
-11.9355, 1.5698

■ 151.6550,
-47.1579, 5.5646

■ 165.4470, -4.6574,
0.4850

■ 149.4180,
-54.4361, 6.6494

■ 167.6840, 2.6208,
-0.5999

■ 146.8820,
-61.5668, 7.1195

■ 170.1060, 9.3147,
-0.9700

■ 144.7590,
-68.4082, 8.1044

■ 172.3430, 16.5929,
-2.0548

■ 143.7760,
-70.8816, 8.0894

■ 174.8790, 23.7237,
-2.5249

■ 177.1160, 31.0018,
-3.6097

■ 179.1250, 37.4064,
-4.4946

Harmonies

Analogous

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



161.1240, -28.1621, 26.2013



158.5510, -25.9076, 3.0248



154.5460, -15.0592, -23.2808

Triad

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



158.5510, -25.9076, 3.0248



145.4590, 30.3397, -71.4395



166.4750, 3.2168, 41.6794

Complementary

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



158.5510, -25.9076, 3.0248



114.4490, 25.9076, -3.0248

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.



166.8990, 16.8118, 21.1366



158.5510, -25.9076, 3.0248



155.5040, 32.2895, -43.4150

Square

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



158.5510, -25.9076, 3.0248



143.1740, 19.1412, -72.9436



163.3450, 26.9449, -9.0726



165.1480, -10.9190, 48.9822

Rectangle

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



158.5510, -25.9076, 3.0248



151.1830, -4.5272, -41.3795



163.3450, 26.9449, -9.0726



166.4080, 8.1799, 36.4762

Sweetspot

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



158.5510, -25.9076, 3.0248



213.6660, -10.1883, 1.1699



126.5870, -10.1494, 35.4422



107.6920, -6.2572, 0.2701



237.0000, 0.0000, 0.0000



110.0000, 0.0000, 0.0000

Same Dimension

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



158.5510, -25.9076, 3.0248



203.6640, -40.7534, 4.6797



149.5810, -21.4854, -15.4185



82.7890, -3.3470, 0.1850



127.5400, -62.8772, 7.4194



17.4210, -8.5886, 1.3848

Inverse Universe

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



114.4490, 25.9076, -3.0248



134.3360, 40.7534, -4.6797



123.4190, 21.4854, 15.4185



76.9120, 3.4944, -0.7998



20.4600, 62.8772, -7.4194



2.8780, 8.4411, -0.7700

Previews

White Background



This preview shows how the YUV color 158.5510, -25.9076, 3.0248 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 158.5510, -25.9076, 3.0248 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

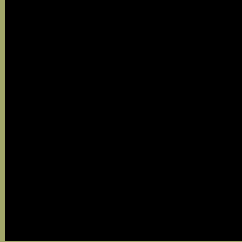
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 158.5510, -25.9076, 3.0248

Background



This preview shows how black text looks on a background with the YUV color 158.5510, -25.9076, 3.0248.



This preview shows how white text looks on a background with the YUV color 158.5510, -25.9076, 3.0248.

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

158.5510, -25.9076, 3.0248

Protanopia

159.8730, -27.5454, 15.0204

Deuteranopia

161.7160, -25.9890, 29.1901



Tritanopia

163.7710, 4.0569, 5.4628

Trichromacy



Original Color

158.5510, -25.9076, 3.0248

Protanomaly

159.6660, -26.9503, 10.8169

Deuteranomaly

160.3620, -25.8145, 19.8535

Tritanomaly

161.8990, -6.8522, 4.4736

Monochromacy



Original Color

158.5510, -25.9076, 3.0248

Achromatopsia

159.0000, 0.0000, 0.0000

Achromatomaly

158.8940, -9.3147, 0.9700

CSS Examples

Text

The CSS property to change the color of the text to YUV 158.5510, -25.9076, 3.0248 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(162, 167, 106)` looks like.

```
.text, #text, p{  
    color:rgb(162, 167, 106)  
}
```

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(162, 167, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 167, 106) }
```

Border

The CSS property to change the border of an element to YUV 158.5510, -25.9076, 3.0248 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(162, 167, 106) }
```


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

```
.border{ border-color:rgb(162, 167, 106) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 167, 106)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 167, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 167, 106);  
box-shadow:4px 4px 4px 4px rgb(162, 167,  
106) }
```

Background

The CSS property to change the background color of an element to YUV 158.5510, -25.9076, 3.0248 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 167, 106) }
```

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

```
.background{ background-color: rgb(162,  
167, 106) }
```

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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