

# Converting Colors

YUV(127.4980, -62.8565,  
-46.0407)

Have a look what the booklet for  
YUV(127.4980, -62.8565, -46.0407)  
contains.

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# Color

**YUV(127.4980, -62.8565,  
-46.0407)**

# Conversions

## Conversions Part 1

Format	Color
Hex	4BB300
RGB	75, 179, 0
RGB Percent	29%, 70%, 0%
CMY	0.7059, 0.2980, 1.0000
CMYK	0.58, 0.00, 1.00, 0.30
HSL	95°, 100%, 35%
HSV	95°, 100%, 70%
XYZ	19.0217, 33.7361, 5.5092
YIQ	127.4980, -4.5250, -77.7170

# Conversions

## Conversions Part 2

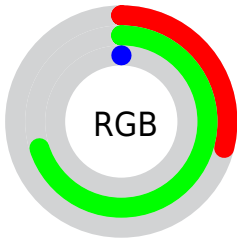
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 179, 104
Decimal	4961024
CIELab	64.75, -55.61, 65.26
CIELCh	65, 85.734, 130.435
Yxy	33.7361, 0.3265, 0.5790
Android (android.graphics.Color)	4283151104 (0xFF4BB300)
YUV	127.4980, -62.8565, -46.0407
Hunter-Lab	58.0827, -43.1871, 35.0343

# Details

The YUV color **127.4980, -62.8565, -46.0407** is a dark color, and the websafe version is hex **66CC33**. A complement of this color would be **51.5020, 62.8565, 46.0407**, and the grayscale version is **128.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **187.5610, -54.9996, -46.0960**, and **73.3750, -36.1739, -64.3499** is the 20% darker color. If you saturate the color by 10%, you get **127.4980, -62.8565, -46.0407**, and if you desaturate by 10%, it is **132.5400, -56.4682, -41.6926**.

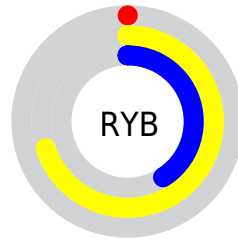
# Distribution



Red (29%)

Green (70%)

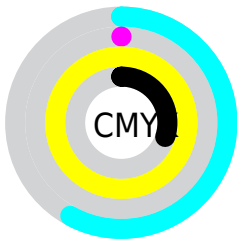
Blue (0%)



Red (0%)

Yellow (70%)

Blue (41%)

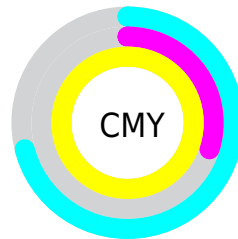


Cyan (58%)

Magenta (0%)

Yellow (100%)

Black (30%)



Cyan (71%)

Magenta (30%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 127.4980, -62.8565, -46.0407 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 127.4980, -62.8565, -46.0407 by changing the saturation by 10% instead.



■ 127.4980,  
-62.8565, -46.0407

■ 127.4980,  
-62.8565, -46.0407

■ 255.0000, 0.0000,  
0.0000

■ 101.1840,  
-49.8837, -53.6584

■ 187.5610,  
-54.9996, -46.0960

■ 73.3750, -36.1739,  
-64.3499

■ 210.9900,  
-52.2531, -40.3332

■ 58.1130, -28.6497,  
-50.9651

■ 223.0380,  
-44.8817, -24.5893

■ 43.4380, -21.4149,  
-38.0951

■ 235.3140,  
-36.6368, -9.0454

■ 29.9370, -14.7589,  
-26.2547

■ 247.4760,  
-28.8287, 6.5985

■ 14.6750, -7.2348,  
-12.8700

■ 250.7820,

■ 0.0000, 0.0000,

-16.1615, 3.6992

0.0000

254.2020, -3.0576,  
0.6998

127.4980,  
-62.8565, -46.0407

132.5400,  
-56.4682, -41.6926

137.8810,  
-50.2273, -36.7296

142.9230,  
-43.8390, -32.3815

148.2640,  
-37.5982, -27.4185

153.3060,  
-31.2099, -23.0704

■ 158.2340,  
-25.2584, -18.6222

■ 163.5750,  
-19.0175, -13.6593

■ 168.6170,  
-12.6292, -9.3111

■ 173.9580, -6.3883,  
-4.3482

# Harmonies

## Analogous

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



144.4290, -71.2035, 18.0408



127.4980, -62.8565, -46.0407



121.3970, -9.5627, -106.4652

# Triad

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



127.4980, -62.8565, -46.0407



134.1430, 59.5825, -117.6434



127.9150, 2.9999, 111.4535

# Complementary

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



127.4980, -62.8565, -46.0407



51.5020, 62.8565, 46.0407

# 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.



146.5580, 31.2769, 95.1036



127.4980, -62.8565, -46.0407



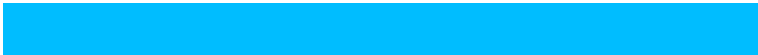
121.8160, 65.6597, -106.8326

# Square

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



127.4980, -62.8565, -46.0407



140.0130, 56.6886, -122.7914



158.3800, 47.6337, 28.6077



139.4370, -39.1624, 101.3488



# Rectangle

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



127.4980, -62.8565, -46.0407



129.3140, 13.1562, -113.4084



158.3800, 47.6337, 28.6077



130.1780, 14.2092, 109.4689

# Sweetspot

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



127.4980, -62.8565, -46.0407



212.0600, -24.6796, -17.5926



112.8080, -55.6143, 58.0504



105.0360, -14.8077, -10.5556



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.



127.4980, -62.8565, -46.0407



165.1870, -81.4372, -59.8000



106.4410, -46.5594, -93.3488



86.4790, -3.1941, -2.1741



108.9470, -53.7109, -39.4185



18.5510, -9.1456, -6.6222



# Inverse Universe

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



51.5020, 62.8565, 46.0407



66.8130, 81.4372, 59.8000



72.5590, 46.5594, 93.3488



82.8200, 3.0467, 2.7889



44.0530, 53.7109, 39.4185



7.4490, 9.1456, 6.6222



# Previews

## White Background



This preview shows how the YUV color 127.4980, -62.8565, -46.0407 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 127.4980, -62.8565, -46.0407 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

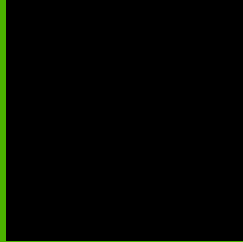
Any Text WCAG AA ✓ Pass

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 127.4980, -62.8565, -46.0407 Background



This preview shows how black text looks on a background with the YUV color 127.4980, -62.8565, -46.0407.



This preview shows how white text looks on a background with the YUV color 127.4980, -62.8565, -46.0407.



# 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

127.4980, -62.8565, -46.0407

### Protanopia

144.1960, -71.0886, 27.8921

### Deuteranopia

149.6980, -55.5601, 40.6069



## Tritanopia

148.7590, 15.4018, -40.1306

# Trichromacy



## Original Color

127.4980, -62.8565, -46.0407

## Protanomaly

137.8290, -67.9497, 1.0270

## Deuteranomaly

141.5170, -57.9359, 9.1936

## Tritanomaly

141.2940, -12.9629, -42.3538

# Monochromacy



## Original Color

127.4980, -62.8565, -46.0407

## Achromatopsia

127.0000, 0.0000, 0.0000

## Achromatomaly

127.2280, -22.7904, -16.8630

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 127.4980, -62.8565, -46.0407 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(75, 179, 0)` looks like.

```
.text, #text, p{  
    color:rgb(75, 179, 0)  
}
```

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(75, 179, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(75, 179, 0) }
```

## Border

The CSS property to change the border of an element to YUV 127.4980, -62.8565, -46.0407 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(75, 179, 0) }
```



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

```
.border{ border-color:rgb(75, 179, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(75, 179, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(75, 179, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(75, 179, 0);  
box-shadow:4px 4px 4px 4px rgb(75, 179, 0)  
}
```

# Background

The CSS property to change the background color of an element to YUV 127.4980, -62.8565, -46.0407 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(75, 179, 0) }
```

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

```
.background{ background-color: rgb(75, 179,  
0) }
```

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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