

# Converting Colors

YUV(111.6570, -20.0439,  
-11.1002)

Have a look what the booklet for  
YUV(111.6570, -20.0439, -11.1002)  
contains.

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# Color

**YUV(111.6570, -20.0439,  
-11.1002)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	637E47
RGB	99, 126, 71
RGB Percent	39%, 49%, 28%
CMY	0.6118, 0.5059, 0.7216
CMYK	0.21, 0.00, 0.44, 0.51
HSL	89°, 28%, 39%
HSV	89°, 44%, 49%
XYZ	13.7438, 18.0293, 8.7169
YIQ	111.6570, 1.5630, -22.8290

# Conversions

## Conversions Part 2

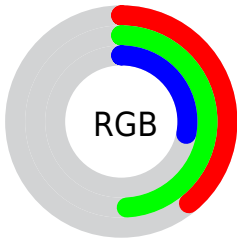
<b>Format</b>	<b>Color</b>
<b>RYB</b>	71, 126, 98
Decimal	6520391
CIELab	49.53, -20.03, 26.79
CIELCh	50, 33.446, 126.782
Yxy	18.0293, 0.3394, 0.4453
Android (android.graphics.Color)	4284710471 (0xFF637E47)
YUV	111.6570, -20.0439, -11.1002
Hunter-Lab	42.4609, -16.5296, 17.5509

# Details

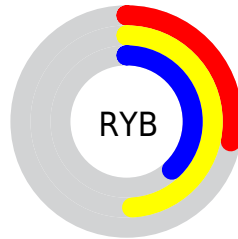
The YUV color **111.6570, -20.0439, -11.1002** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **85.3430, 20.0439, 11.1002**, and the grayscale version is **112.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **163.9020, -21.6437, -11.3151**, and **63.2980, -18.8809, -10.7853** is the 20% darker color. If you saturate the color by 10%, you get **108.3810, -24.8378, -13.4891**, and if you desaturate by 10%, it is **114.9330, -15.2500, -8.7112**.

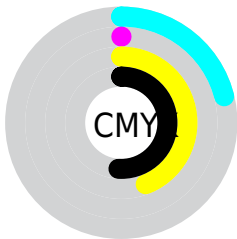
# Distribution



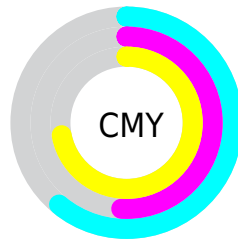
- Red (39%)
- Green (49%)
- Blue (28%)



- Red (28%)
- Yellow (49%)
- Blue (38%)



- Cyan (21%)
- Magenta (0%)
- Yellow (44%)
- Black (51%)



- Cyan (61%)
- Magenta (51%)
- Yellow (72%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 111.6570, -20.0439, -11.1002 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 111.6570, -20.0439, -11.1002 by changing the saturation by 10% instead.



■ 111.6570,  
-20.0439, -11.1002

■ 111.6570,  
-20.0439, -11.1002

■ 255.0000, 0.0000,  
0.0000

■ 86.8850, -19.1703,  
-11.3001

■ 163.9020,  
-21.6437, -11.3151

■ 63.2980, -18.8809,  
-10.7853

■ 190.7880,  
-22.0805, -11.2151

■ 40.1840, -19.3177,  
-10.6854

■ 219.2610,  
-22.8067, -11.6299

■ 19.6700, -9.6973,  
-16.3736

■ 242.5650,  
-20.4915, -7.5115

■ 0.0000, 0.0000,  
0.0000

■ 252.0360,  
-11.3567, 2.5994

■ 111.6570,  
-20.0439, -11.1002

■ 111.6570,  
-20.0439, -11.1002

■ 108.3810,  
-24.8378, -13.4891

■ 114.9330,  
-15.2500, -8.7112

■ 105.2190,  
-29.1950, -15.9781

■ 118.0950,  
-10.8928, -6.2223

■ 101.6440,  
-33.8415, -18.9818

■ 121.6700, -6.2463,  
-3.2186

■ 98.4820, -38.1986,  
-21.4707

■ 124.8320, -1.8892,  
-0.7297

■ 95.2060, -42.9926,  
-23.8597

■ 128.1080, 2.9048,  
1.6593

■ 93.0980, -45.8973,  
-25.5189

■ 131.3840, 7.6987,  
4.0482

■ 134.5460, 12.0558,  
6.5372

■ 137.8220, 16.8498,

8.9261

■ 141.2830, 21.0595,  
12.0298

# Harmonies

## Analogous

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



114.6770, -26.9558, 12.5613



111.6570, -20.0439, -11.1002



106.1510, -5.9904, -38.7204

# Triad

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



111.6570, -20.0439, -11.1002



96.2070, 35.8869, -77.3575



119.9610, -3.9248, 45.6382

# Complementary

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



111.6570, -20.0439, -11.1002



85.3430, 20.0439, 11.1002

# 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.



120.8420, 9.9379, 32.5876



111.6570, -20.0439, -11.1002



114.2180, 29.4725, -26.5012

# Square

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



111.6570, -20.0439, -11.1002



94.1110, 28.0463, -82.5353



120.5490, 20.9283, 7.4115



118.3340, -16.4337, 44.4341



# Rectangle

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



111.6570, -20.0439, -11.1002



98.2540, 7.7628, -63.3668



120.5490, 20.9283, 7.4115



120.2040, 0.8854, 42.7941

# Sweetspot

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



111.6570, -20.0439, -11.1002



157.6160, -7.6987, -4.0482



103.2940, -15.9209, 19.9132



78.4250, -4.6465, -3.0037



209.0000, 0.0000, 0.0000



82.0000, 0.0000, 0.0000



# Same Dimension

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



111.6570, -20.0439, -11.1002



141.0510, -31.0841, -16.7077



103.5840, -16.0639, -27.6992



62.3050, -2.6154, -1.1445



94.5710, -46.6235, -25.9338



0.0000, 0.0000, 0.0000



# Inverse Universe

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



85.3430, 20.0439, 11.1002



100.2480, 30.9367, 17.3225



93.4160, 16.0639, 27.6992



58.9940, 2.4680, 1.7593



33.4290, 46.6235, 25.9338



0.0000, 0.0000, 0.0000



# Previews

## White Background



This preview shows how the YUV color 111.6570, -20.0439, -11.1002 looks on a white 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 × Fail



# Black Background



This preview shows how the YUV color 111.6570, -20.0439, -11.1002 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

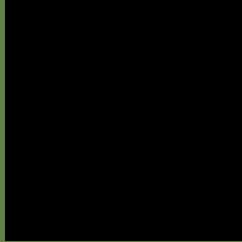
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

# YUV 111.6570, -20.0439, -11.1002 Background



This preview shows how black text looks on a background with the YUV color 111.6570, -20.0439, -11.1002.



This preview shows how white text looks on a background with the YUV color 111.6570, -20.0439, -11.1002.

-11.1002.

# 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

111.6570, -20.0439, -11.1002

### Protanopia

115.5890, -23.4614, 11.7614

### Deuteranopia

116.6380, -21.0205, 22.2425



**Tritanopia**

116.5520, 6.1369, -8.3771

# Trichromacy



## Original Color

111.6570, -20.0439, -11.1002

## Protanomaly

114.1750, -22.2713, 3.3545

## Deuteranomaly

114.6750, -20.5458, 9.9320

## Tritanomaly

115.0220, -3.4618, -9.6663

# Monochromacy



## Original Color

111.6570, -20.0439, -11.1002

## Achromatopsia

112.0000, 0.0000, 0.0000

## Achromatomaly

111.7300, -7.2619, -4.1482

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 111.6570, -20.0439, -11.1002 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(99, 126, 71)` looks like.

```
.text, #text, p{  
    color:rgb(99, 126, 71)  
}
```

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(99, 126, 71) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(99, 126, 71) }
```

## Border

The CSS property to change the border of an element to YUV 111.6570, -20.0439, -11.1002 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(99, 126, 71) }
```



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

```
.border{ border-color:rgb(99, 126, 71) }
```

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

Here you see how a box with a 4 pixel `rgb(99, 126, 71)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(99, 126, 71); -webkit-box-  
shadow:4px 4px 4px 4px rgb(99, 126, 71);  
box-shadow:4px 4px 4px 4px rgb(99, 126,  
71) }
```

# Background

The CSS property to change the background color of an element to YUV 111.6570, -20.0439, -11.1002 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(99, 126, 71) }
```

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

```
.background{ background-color: rgb(99, 126,  
71) }
```

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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