

# Converting Colors

YUV(121.8890, -15.2283,  
-15.6887)

Have a look what the booklet for  
YUV(121.8890, -15.2283, -15.6887)  
contains.

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# Color

**YUV(121.8890, -15.2283,  
-15.6887)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	68895B
RGB	104, 137, 91
RGB Percent	41%, 54%, 36%
CMY	0.5922, 0.4627, 0.6431
CMYK	0.24, 0.00, 0.34, 0.46
HSL	103°, 20%, 45%
HSV	103°, 34%, 54%
XYZ	16.5429, 21.5897, 13.1929
YIQ	121.8890, -4.9020, -21.3020

# Conversions

## Conversions Part 2

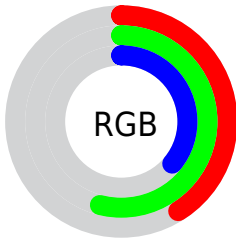
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	91, 137, 124
Decimal	6850907
CIE <sub>Lab</sub>	53.59, -20.79, 21.01
CIE <sub>LCh</sub>	54, 29.558, 134.689
Yxy	21.5897, 0.3223, 0.4206
Android (android.graphics.Color)	4285040987 (0xFF68895B)
YUV	121.8890, -15.2283, -15.6887
Hunter-Lab	46.4647, -17.7616, 15.6909

# Details

The YUV color **121.8890, -15.2283, -15.6887** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **106.1110, 15.2283, 15.6887**, and the grayscale version is **122.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **174.9490, -16.2439, -16.6183**, and **72.5300, -14.0653, -15.3738** is the 20% darker color. If you saturate the color by 10%, you get **117.3030, -19.8694, -20.4367**, and if you desaturate by 10%, it is **126.4750, -10.5872, -10.9406**.

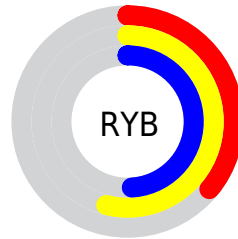
# Distribution



Red (41%)

Green (54%)

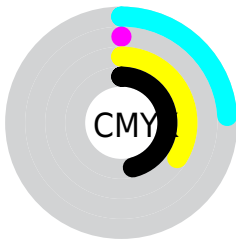
Blue (36%)



Red (36%)

Yellow (54%)

Blue (49%)

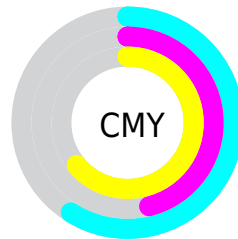


Cyan (24%)

Magenta (0%)

Yellow (34%)

Black (46%)



Cyan (59%)

Magenta (46%)

Yellow (64%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 121.8890, -15.2283, -15.6887 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 121.8890, -15.2283, -15.6887 by changing the saturation by 10% instead.



■ 121.8890,  
-15.2283, -15.6887

■ 121.8890,  
-15.2283, -15.6887

■ 255.0000, 0.0000,  
0.0000

■ 96.4160, -14.5021,  
-15.2738

■ 174.9490,  
-16.2439, -16.6183

■ 72.5300, -14.0653,  
-15.3738

■ 201.8350,  
-16.6807, -16.5183

■ 49.1710, -12.9023,  
-15.0590

■ 230.3080,  
-17.4068, -16.9331

■ 27.6550, -13.6339,  
-13.7294

■ 246.8670,  
-11.7664, -6.0224

■ 12.3270, -6.0772,  
-10.8108

■ 254.6580, -1.3104,  
0.2999

■ 0.0000, 0.0000,  
0.0000

■ 121.8890,  
-15.2283, -15.6887

■ 121.8890,  
-15.2283, -15.6887

■ 117.3030,  
-19.8694, -20.4367

■ 126.4750,  
-10.5872, -10.9406

■ 112.8310,  
-24.0737, -25.2848

■ 130.9470, -6.3829,  
-6.0925

■ 108.5440,  
-28.8622, -29.4181

■ 135.2340, -1.5944,  
-1.9592

■ 103.9580,  
-33.5033, -34.1662

■ 139.8200, 3.0467,  
2.7889

■ 99.3720, -38.1444,  
-38.9142

■ 144.4060, 7.6878,  
7.5369

■ 94.9000, -42.3487,  
-43.7623

■ 148.8780, 11.8921,  
12.3850

■ 92.0800, -45.3954,  
-46.5512

■ 153.4640, 16.5332,  
17.1331

■ 158.0500, 21.1743,

21.8811

■ 162.2230, 25.5261,  
26.1144

# Harmonies

## Analogous

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



124.9690, -23.1557, 7.0432



121.8890, -15.2283, -15.6887



117.2910, -1.6225, -39.7202

# Triad

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



121.8890, -15.2283, -15.6887



119.4670, 28.3638, -44.2596



130.4290, -7.1135, 41.7198

# Complementary

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



121.8890, -15.2283, -15.6887



106.1110, 15.2283, 15.6887

# 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.



131.5880, 5.1331, 33.6873



121.8890, -15.2283, -15.6887



127.6280, 24.3404, -13.7058

# Square

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



121.8890, -15.2283, -15.6887



110.0310, 26.1137, -69.3102



131.3280, 16.1073, 13.7443



129.2470, -17.8698, 38.3714



# Rectangle

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



121.8890, -15.2283, -15.6887



113.2380, 8.7567, -55.4597



131.3280, 16.1073, 13.7443



130.5690, -2.7455, 40.7200

# Sweetspot

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



121.8890, -15.2283, -15.6887



173.0610, -5.9461, -6.1925



124.1250, -16.3306, 11.2914



85.7670, -3.3361, -3.3037



217.0000, 0.0000, 0.0000



89.0000, 0.0000, 0.0000



# Same Dimension

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



121.8890, -15.2283, -15.6887



155.2440, -23.7843, -24.7700



119.1420, -8.9440, -24.6805



66.7070, -2.3206, -2.3740



89.1340, -43.9431, -45.7215



3.2340, -1.5944, -1.9592



# Inverse Universe

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



106.1110, 15.2283, 15.6887



130.4570, 23.9317, 24.1552



108.8580, 8.9440, 24.6805



64.2930, 2.3206, 2.3740



43.5670, 44.0905, 45.1067



1.7660, 1.5944, 1.9592



# Previews

## White Background



This preview shows how the YUV color 121.8890, -15.2283, -15.6887 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 121.8890, -15.2283, -15.6887 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 121.8890, -15.2283, -15.6887 Background



This preview shows how black text looks on a background with the YUV color 121.8890, -15.2283, -15.6887.



This preview shows how white text looks on a background with the YUV color 121.8890, -15.2283, -15.6887.

-15.6887.

# 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

121.8890, -15.2283, -15.6887

### Protanopia

126.3160, -19.3828, 10.2469

### Deuteranopia

127.4790, -16.5051, 20.6279



## Tritanopia

126.4590, 7.1687, -12.6805

# Trichromacy



## Original Color

121.8890, -15.2283, -15.6887

## Protanomaly

124.6030, -18.0453, 1.2252

## Deuteranomaly

125.2170, -15.8830, 7.7027

## Tritanomaly

124.6840, -0.8302, -13.7549

# Monochromacy



## Original Color

121.8890, -15.2283, -15.6887

## Achromatopsia

122.0000, 0.0000, 0.0000

## Achromatomaly

121.5880, -5.2199, -5.7777

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 121.8890, -15.2283, -15.6887 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(104, 137, 91)` looks like.

```
.text, #text, p{  
    color:rgb(104, 137, 91)  
}
```

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(104, 137, 91) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(104, 137, 91) }
```

## Border

The CSS property to change the border of an element to YUV 121.8890, -15.2283, -15.6887 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(104, 137, 91) }
```



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

```
.border{ border-color:rgb(104, 137, 91) }
```

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

Here you see how a box with a 4 pixel rgb(104, 137, 91) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(104, 137, 91); -webkit-box-  
shadow:4px 4px 4px 4px rgb(104, 137, 91);  
box-shadow:4px 4px 4px 4px rgb(104, 137,  
91) }
```

# Background

The CSS property to change the background color of an element to YUV 121.8890, -15.2283, -15.6887 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(104, 137, 91) }
```

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

```
.background{ background-color: rgb(104,  
137, 91) }
```

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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