

# Converting Colors

YUV(114.9600, -56.6753,  
-21.8899)

Have a look what the booklet for  
YUV(114.9600, -56.6753, -21.8899)  
contains.

<b>YUV(114.9600, -56.6753, -21.8899)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	24
<b><i>Color Blindness Simulation</i></b> .....	28
<b><i>CSS Examples</i></b> .....	30

# Color

**YUV(114.9600, -56.6753,  
-21.8899)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5A9600
RGB	90, 150, 0
RGB Percent	35%, 59%, 0%
CMY	0.6471, 0.4118, 1.0000
CMYK	0.40, 0.00, 1.00, 0.41
HSL	84°, 100%, 29%
HSV	84°, 100%, 59%
XYZ	15.1228, 23.9864, 3.8328
YIQ	114.9600, 12.3900, -59.3700

# Conversions

## Conversions Part 2

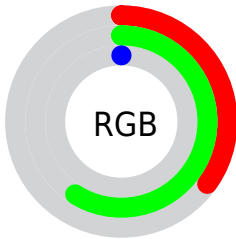
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 150, 60
Decimal	5936640
CIELab	56.07, -39.73, 58.72
CIELCh	56, 70.896, 124.081
Yxy	23.9864, 0.3522, 0.5586
Android (android.graphics.Color)	4284126720 (0xFF5A9600)
YUV	114.9600, -56.6753, -21.8899
Hunter-Lab	48.9759, -30.5904, 29.6432

# Details

The YUV color **114.9600, -56.6753, -21.8899** is a dark color, and the websafe version is hex **669900**. A complement of this color would be **35.0400, 56.6753, 21.8899**, and the grayscale version is **116.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **171.9690, -50.2707, -22.7748**, and **67.3930, -33.2247, -30.1627** is the 20% darker color. If you saturate the color by 10%, you get **114.9600, -56.6753, -21.8899**, and if you desaturate by 10%, it is **118.4640, -51.0078, -19.7009**.

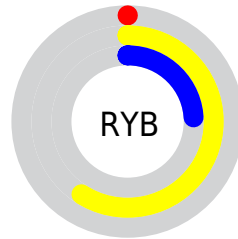
# Distribution



Red (35%)

Green (59%)

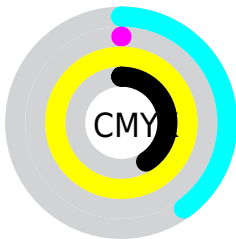
Blue (0%)



Red (0%)

Yellow (59%)

Blue (24%)

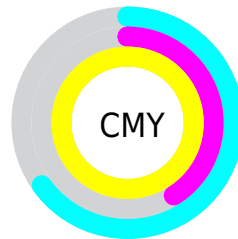


Cyan (40%)

Magenta (0%)

Yellow (100%)

Black (41%)



Cyan (65%)

Magenta (41%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 114.9600, -56.6753, -21.8899 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 114.9600, -56.6753, -21.8899 by changing the saturation by 10% instead.



■ 114.9600,  
-56.6753, -21.8899

■ 114.9600,  
-56.6753, -21.8899

255.0000, 0.0000,  
0.0000

■ 91.3260, -45.0237,  
-25.7189

■ 171.9690,  
-50.2707, -22.7748

■ 67.3930, -33.2247,  
-30.1627

■ 199.8550,  
-50.7075, -22.6748

■ 43.4380, -21.4149,  
-38.0951

■ 224.5180,  
-49.5554, -18.8713

■ 29.9370, -14.7589,  
-26.2547

■ 236.3810,  
-41.5998, -3.8421

■ 17.0230, -8.3923,  
-14.9292


■ 246.4500,  
-32.7599, 7.4983


■ 0.0000, 0.0000,  
0.0000


■ 249.6420,


-20.5295, 4.6990


 253.0620, -7.4256,  
1.6996


 114.9600,  
-56.6753, -21.8899

 118.4640,  
-51.0078, -19.7009

 121.9680,  
-45.3402, -17.5119

 125.4720,  
-39.6727, -15.3229

 128.9760,  
-34.0052, -13.1340

 132.4800,  
-28.3376, -10.9450

■ 135.9840,  
-22.6701, -8.7560

■ 139.4880,  
-17.0026, -6.5670

■ 142.9920,  
-11.3351, -4.3780

■ 146.4960, -5.6675,  
-2.1890

# Harmonies

## Analogous

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



125.2910, -61.7685, 25.1778



114.9600, -56.6753, -21.8899



101.5240, -12.0903, -89.0365

# Triad

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



114.9600, -56.6753, -21.8899



118.9150, 62.1599, -104.2885



124.3330, 2.3008, 102.3170

# Complementary

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



114.9600, -56.6753, -21.8899



35.0400, 56.6753, 21.8899

# 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.



133.6660, 27.2797, 70.4529



114.9600, -56.6753, -21.8899



110.6630, 71.1581, -97.0515

# Square

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



114.9600, -56.6753, -21.8899



117.5350, 41.6412, -103.0782



136.6930, 49.4514, 5.5312



125.6780, -27.9423, 95.8754



# Rectangle

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



114.9600, -56.6753, -21.8899



108.1870, 5.8238, -94.8800



136.6930, 49.4514, 5.5312



126.2920, 11.1950, 96.2139

# Sweetspot

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



114.9600, -56.6753, -21.8899



180.5110, -21.9439, -8.3411



80.0700, -39.4745, 61.3286



88.8240, -13.2242, -5.1076



224.0000, 0.0000, 0.0000



97.0000, 0.0000, 0.0000



# Same Dimension

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



114.9600, -56.6753, -21.8899



148.5620, -73.2411, -28.5569



92.5350, -45.6198, -67.9982



72.3050, -2.6154, -1.1445



105.8230, -52.1707, -20.0158



7.6640, -3.7784, -1.4593



# Inverse Universe

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



35.0400, 56.6753, 21.8899



45.4380, 73.2411, 28.5569



57.4650, 45.6198, 67.9982



68.6950, 2.6154, 1.1445



32.1770, 52.1707, 20.0158



2.3360, 3.7784, 1.4593



# Previews

## White Background



This preview shows how the YUV color 114.9600, -56.6753, -21.8899 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 114.9600, -56.6753, -21.8899 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

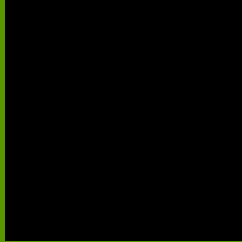
Any Text WCAG AA ✓ Pass

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 114.9600, -56.6753, -21.8899 Background



This preview shows how black text looks on a background with the YUV color 114.9600, -56.6753, -21.8899.



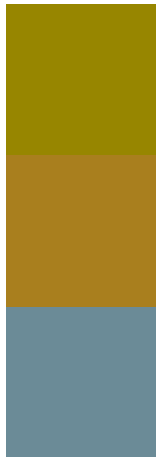
This preview shows how white text looks on a background with the YUV color 114.9600, -56.6753, -21.8899.

-21.8899.

# 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



### Protanopia

123.8070, -61.0369, 23.8483

### Deuteranopia

128.5000, -48.5605, 35.5185

### Tritanopia

130.8000, 9.9586, -20.8726

# Trichromacy



## Protanomaly

120.7510, -59.5302, 7.2344

## Deuteranomaly

123.2710, -51.4056, 14.6713

## Tritanomaly

125.0840, -14.3384, -21.1217

# Monochromacy



## Achromatopsia

115.0000, 0.0000, 0.0000

## Achromatomaly

115.1520, -20.7809, -8.0263

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 114.9600, -56.6753, -21.8899 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(90, 150, 0)` looks like.

```
.text, #text, p{  
    color:rgb(90, 150, 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(90, 150, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(90, 150, 0) }
```

## Border

The CSS property to change the border of an element to YUV 114.9600, -56.6753, -21.8899 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(90, 150, 0) }
```

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

```
.border{ border-color:rgb(90, 150, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(90, 150, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(90, 150, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(90, 150, 0);  
box-shadow:4px 4px 4px 4px rgb(90, 150, 0)  
}
```



# Background

The CSS property to change the background color of an element to YUV 114.9600, -56.6753, -21.8899 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(90, 150, 0) }
```

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

```
.background{ background-color: rgb(90, 150,  
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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