

# Converting Colors

YUV(100.5690, -46.6225,  
20.5490)

Have a look what the booklet for  
YUV(100.5690, -46.6225, 20.5490)  
contains.

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# Color

**YUV(100.5690, -46.6225,  
20.5490)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	7C6B06
RGB	124, 107, 6
RGB Percent	49%, 42%, 2%
CMY	0.5137, 0.5804, 0.9765
CMYK	0.00, 0.14, 0.95, 0.51
HSL	51°, 91%, 25%
HSV	51°, 95%, 49%
XYZ	13.6027, 14.8136, 2.3147
YIQ	100.5690, 42.5530, -27.8070

# Conversions

## Conversions Part 2

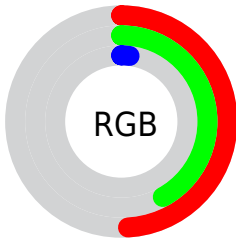
Format	Color
<a href="#">RYB</a>	<a href="#">26, 124, 6</a>
Decimal	<a href="#">8153862</a>
CIELab	<a href="#">45.38, -3.02, 50.42</a>
CIELCh	<a href="#">45, 50.511, 93.431</a>
Yxy	<a href="#">14.8136, 0.4426, 0.4820</a>
Android (android.graphics.Color)	<a href="#">4286343942</a> ( <a href="#">0xFF7C6B06</a> )
YUV	<a href="#">100.5690, -46.6225, 20.5490</a>
Hunter-Lab	<a href="#">38.4885, -4.2687, 23.3763</a>

# Details

The YUV color **100.5690, -46.6225, 20.5490** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **29.4310, 46.6225, -20.5490**, and the grayscale version is **101.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **153.8620, -44.3020, 22.9230**, and **56.4490, -27.8294, 12.7612** is the 20% darker color. If you saturate the color by 10%, you get **99.2980, -48.9539, 21.6637**, and if you desaturate by 10%, it is **103.1110, -41.9597, 18.3197**.

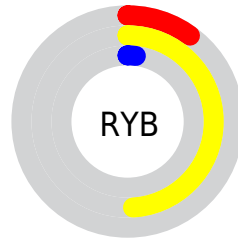
# Distribution



Red (49%)

Green (42%)

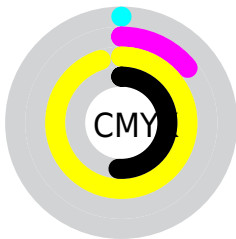
Blue (2%)



Red (10%)

Yellow (49%)

Blue (2%)

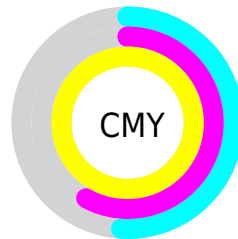


Cyan (0%)

Magenta (14%)

Yellow (95%)

Black (51%)



Cyan (51%)

Magenta (58%)

Yellow (98%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 100.5690, -46.6225, 20.5490 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 100.5690, -46.6225, 20.5490 by changing the saturation by 10% instead.



100.5690,  
-46.6225, 20.5490

100.5690,  
-46.6225, 20.5490

255.0000, 0.0000,  
0.0000

77.7240, -38.3179,  
16.9051

153.8620,  
-44.3020, 22.9230

56.4490, -27.8294,  
12.7612

181.3460,  
-45.0336, 24.2526

36.3480, -17.9196,  
7.5878

208.8300,  
-45.7652, 25.5821

17.1330, -8.4466,  
2.5144


234.0140,  
-44.8699, 18.4047


0.0000, 0.0000,  
0.0000


245.3100,  
-37.1278, 8.4981


248.5020,


-24.8975, 5.6987


 251.8080,  
-12.2303, 2.7994


 100.5690,  
-46.6225, 20.5490


 100.5690,  
-46.6225, 20.5490


 99.2980, -48.9539,  
21.6637

 103.1110,  
-41.9597, 18.3197

 105.7670,  
-36.8601, 15.9903

 107.7220,  
-31.9079, 14.2758

 110.3780,  
-26.8084, 11.9465

 112.9200,  
-22.1456, 9.7172

■ 115.4620,  
-17.4828, 7.4878

■ 118.1180,  
-12.3832, 5.1585

■ 120.0730, -7.4310,  
3.4440

■ 122.7290, -2.3314,  
1.1147

# Harmonies

## Analogous

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



103.8510, -37.3945, 47.4887



100.5690, -46.6225, 20.5490



96.7910, -33.4210, -13.8487

# Triad

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



100.5690, -46.6225, 20.5490



91.4040, 30.3668, -80.1613



109.1070, 18.1882, 46.3872

# Complementary

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



100.5690, -46.6225, 20.5490



29.4310, 46.6225, -20.5490

# 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.



109.5560, 33.7429, 3.8974



100.5690, -46.6225, 20.5490



92.4760, 44.6283, -81.1015

# Square

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



100.5690, -46.6225, 20.5490



87.2030, 11.7319, -76.4770



87.0450, 51.7428, -76.3385



105.0160, -0.5009, 67.5150



# Rectangle

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



100.5690, -46.6225, 20.5490



89.7190, -17.6095, -45.3576



87.0450, 51.7428, -76.3385



110.1100, 23.6098, 34.1065

# Sweetspot

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



100.5690, -46.6225, 20.5490



151.5330, -18.5038, 8.3026



43.3340, -9.5317, 70.7441



75.7590, -11.2202, 5.4734



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.



100.5690, -46.6225, 20.5490



129.1450, -63.6685, 27.9368



98.2890, -45.4985, -13.4085



59.7290, -2.3314, 1.1147



100.1840, -49.3907, 21.7636



202.1400, -99.6550, 43.7272



# Inverse Universe

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



29.4310, 46.6225, -20.5490



31.8550, 63.6685, -27.9368



31.7110, 45.4985, 13.4085



56.2710, 2.3314, -1.1147



24.8160, 49.3907, -21.7636



49.8600, 99.6550, -43.7272



# Previews

## White Background



This preview shows how the YUV color 100.5690, -46.6225, 20.5490 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 100.5690, -46.6225, 20.5490 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

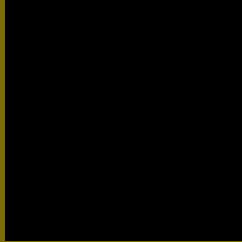
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

# YUV 100.5690, -46.6225, 20.5490

## Background



This preview shows how black text looks on a background with the YUV color 100.5690, -46.6225, 20.5490.



This preview shows how white text looks on a background with the YUV color 100.5690, -46.6225, 20.5490.



# 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

100.5690, -46.6225, 20.5490

### Protanopia

100.3730, -46.0329, 18.0899

### Deuteranopia

102.1340, -43.4501, 29.7005



## Tritanopia

109.1810, -1.0752, 18.2583

# Trichromacy



## Original Color

100.5690, -46.6225, 20.5490

## Protanomaly

100.6720, -46.1803, 18.7047

## Deuteranomaly

101.7700, -44.7496, 26.5117

## Tritanomaly

106.1260, -17.8101, 19.1835

# Monochromacy



## Original Color

100.5690, -46.6225, 20.5490

## Achromatopsia

101.0000, 0.0000, 0.0000

## Achromatomaly

100.5760, -17.0460, 7.3878

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 100.5690, -46.6225, 20.5490 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(124, 107, 6)` looks like.

```
.text, #text, p{  
    color:rgb(124, 107, 6)  
}
```

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(124, 107, 6) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 107, 6) }
```

## Border

The CSS property to change the border of an element to YUV 100.5690, -46.6225, 20.5490 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(124, 107, 6) }
```



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

```
.border{ border-color:rgb(124, 107, 6) }
```

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

Here you see how a box with a 4 pixel rgb(124, 107, 6) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 107, 6); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 107, 6);  
box-shadow:4px 4px 4px 4px rgb(124, 107,  
6) }
```

# Background

The CSS property to change the background color of an element to YUV 100.5690, -46.6225, 20.5490 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 107, 6) }
```

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

```
.background{ background-color: rgb(124,  
107, 6) }
```

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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