

# Converting Colors

YUV(132.1890, 60.5458,  
-6.3048)

Have a look what the booklet for  
YUV(132.1890, 60.5458, -6.3048)  
contains.

<b>YUV(132.1890, 60.5458, -6.3048)</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> .....	31

# Color

**YUV(132.1890, 60.5458,  
-6.3048)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7D70FF
RGB	125, 112, 255
RGB Percent	49%, 44%, 100%
CMY	0.5098, 0.5608, 0.0000
CMYK	0.51, 0.56, 0.00, 0.00
HSL	245°, 100%, 72%
HSV	245°, 56%, 100%
XYZ	32.3016, 23.1683, 97.3772
YIQ	132.1890, -38.1550, 47.2290

# Conversions

## Conversions Part 2

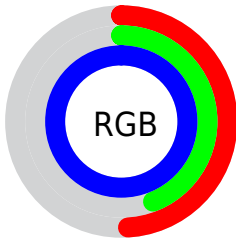
Format	Color
R <sub>Y</sub> B	125, 112, 255
Decimal	8220927
CIE Lab	55.25, 41.83, -69.85
CIE LCh	55, 81.423, 300.916
Yxy	23.1683, 0.2113, 0.1516
Android (android.graphics.Color)	4286411007 (0xFF7D70FF)
YUV	132.1890, 60.5458, -6.3048
Hunter-Lab	48.1335, 35.5550, -86.2541

# Details

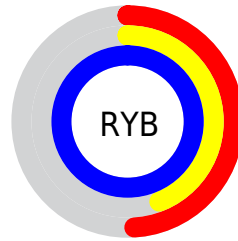
The YUV color **132.1890, 60.5458, -6.3048** is a light color, and the websafe version is hex **6666FF**. A complement of this color would be **234.8110, -60.5458, 6.3048**, and the grayscale version is **132.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **180.6530, 36.6531, 3.8123**, and **77.9660, 58.6838, -15.7562** is the 20% darker color. If you saturate the color by 10%, you get **110.6370, 71.1710, -7.5746**, and if you desaturate by 10%, it is **154.3280, 49.6313, -5.5497**.

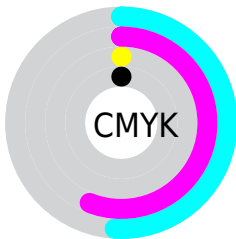
# Distribution



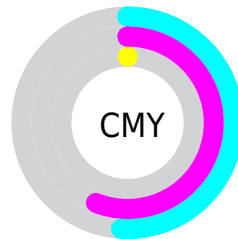
- Red (49%)
- Green (44%)
- Blue (100%)



- Red (49%)
- Yellow (44%)
- Blue (100%)



- Cyan (51%)
- Magenta (56%)
- Yellow (0%)
- Black (0%)



- Cyan (51%)
- Magenta (56%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 132.1890, 60.5458, -6.3048 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 132.1890, 60.5458, -6.3048 by changing the saturation by 10% instead.



■ 132.1890, 60.5458,  
-6.3048

■ 132.1890, 60.5458,  
-6.3048

255.0000, 0.0000,  
0.0000

■ 104.9390, 59.6831,  
-9.5935

■ 180.6530, 36.6531,  
3.8123

■ 77.9660, 58.6838,  
-15.7562

■ 205.4720, 24.4173,  
8.3561

■ 45.1270, 61.0694,  
-34.3144

■ 231.1770, 11.7447,  
12.9998

■ 27.9280, 56.2375,  
-24.4929

■ 250.8910, 2.0257,  
3.6036

■ 13.8110, 50.3792,  
-12.1122

■ 10.2600, 39.3118,  
-8.9980

■ 11.6330, 26.8029,

-10.2021

■ 6.5490, 17.4773,  
-5.7435

■ 2.9810, 8.8834,  
-2.6143

■ 132.1890, 60.5458,  
-6.3048

■ 132.1890, 60.5458,  
-6.3048

■ 110.6370, 71.1710,  
-7.5746

■ 154.3280, 49.6313,  
-5.5497

■ 88.4980, 82.0855,  
-8.3297

■ 175.8800, 39.0062,  
-4.2798

■ 66.0600, 93.1474,  
-9.6996

■ 198.3180, 27.9442,  
-2.9099

■ 44.5080, 103.7726,  
-10.9695

■ 219.8700, 17.3191,  
-1.6400

■ 35.9470, 107.9931,  
-11.3545

■ 242.0090, 6.4046,  
-0.8849

255.0000, 0.0000,  
0.0000

# Harmonies

## Analogous

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



111.8370, 70.5794, -98.0810



132.1890, 60.5458, -6.3048



128.1150, 36.4253, 77.0751

# Triad

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



132.1890, 60.5458, -6.3048



122.0880, -60.1894, 78.8528



110.2560, 11.2128, -96.6945

# Complementary

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



132.1890, 60.5458, -6.3048



234.8110, -60.5458, 6.3048

# 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.



99.2440, -20.8263, -87.0370



132.1890, 60.5458, -6.3048



123.5520, -60.9111, 30.2109

# Square

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



132.1890, 60.5458, -6.3048



115.1950, -25.2391, 115.5930



112.5900, -55.5069, -23.3194



118.3500, 42.2255, -103.7929



# Rectangle

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



132.1890, 60.5458, -6.3048



113.7470, 21.3237, 114.2319



112.5900, -55.5069, -23.3194



106.8190, 0.5822, -93.6803

# Sweetspot

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



132.1890, 60.5458, -6.3048



218.0980, 18.1927, -1.8399



205.1990, 24.5519, -81.7355



105.5620, 11.0619, -1.3699



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000



# Same Dimension

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



132.1890, 60.5458, -6.3048



108.2780, 72.3339, -7.2598



153.1190, 50.2273, 36.7296



116.7810, 5.5310, -0.6849



26.8570, 80.9225, -8.6446



9.0900, 27.0706, -2.7099



# Inverse Universe

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



169.5770, 35.7045, 74.9160



152.7990, 42.4971, 89.6303



213.8810, -50.2273, -36.7296



120.1410, 2.8885, 6.8923



76.9450, 47.8481, 100.0262

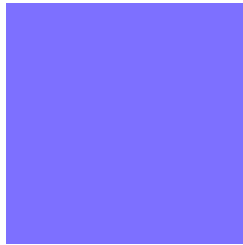


25.7480, 15.9002, 33.5470



# Previews

## White Background



This preview shows how the YUV color 132.1890, 60.5458, -6.3048 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

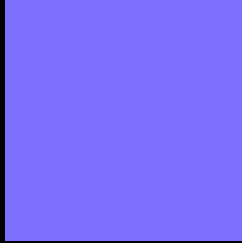
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 132.1890, 60.5458, -6.3048 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 132.1890, 60.5458, -6.3048 Background



This preview shows how black text looks on a background with the YUV color 132.1890, 60.5458, -6.3048.



This preview shows how white text looks on a background with the YUV color 132.1890, 60.5458, -6.3048.

-6.3048.

# 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

132.1890, 60.5458, -6.3048

### Protanopia

120.9500, 66.0867, -56.9611

### Deuteranopia

106.1490, 64.0165, -93.0927



## Tritanopia

126.3150, 12.1697, -30.0943

# Trichromacy



## Original Color

132.1890, 60.5458, -6.3048

## Protanomaly

124.9030, 64.1378, -38.5029

## Deuteranomaly

115.7060, 62.7559, -62.0092

## Tritanomaly

128.3650, 29.8931, -21.3681

# Monochromacy



## Original Color

132.1890, 60.5458, -6.3048

## Achromatopsia

132.0000, 0.0000, 0.0000

## Achromatomaly

132.1240, 22.1239, -2.7397

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 132.1890, 60.5458, -6.3048 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(125, 112, 255)` looks like.

```
.text, #text, p{  
    color:rgb(125, 112, 255)  
}
```

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(125, 112, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 112, 255) }
```

## Border

The CSS property to change the border of an element to YUV 132.1890, 60.5458, -6.3048 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(125, 112, 255) }
```



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

```
.border{ border-color:rgb(125, 112, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(125, 112, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 112, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 112, 255);  
box-shadow:4px 4px 4px 4px rgb(125, 112,  
255) }
```

# Background

The CSS property to change the background color of an element to YUV 132.1890, 60.5458, -6.3048 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 112, 255) }
```

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

```
.background{ background-color: rgb(125,  
112, 255) }
```

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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