

# Converting Colors

YUV(122.4390, 0.7696,  
-13.5400)

Have a look what the booklet for  
YUV(122.4390, 0.7696, -13.5400)  
contains.

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# Color

**YUV(122.4390, 0.7696,  
-13.5400)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6B827C
RGB	107, 130, 124
RGB Percent	42%, 51%, 49%
CMY	0.5804, 0.4902, 0.5137
CMYK	0.18, 0.00, 0.05, 0.49
HSL	164°, 10%, 46%
HSV	164°, 18%, 51%
XYZ	17.6841, 20.5463, 22.1026
YIQ	122.4390, -11.7820, -6.7420

# Conversions

## Conversions Part 2

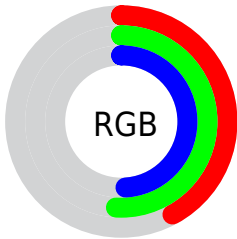
<b>Format</b>	<b>Color</b>
<b>RYB</b>	107, 120, 130
Decimal	7045756
CIELab	52.45, -9.60, 0.47
CIElCh	52, 9.610, 177.169
Yxy	20.5463, 0.2931, 0.3405
Android (android.graphics.Color)	4285235836 (0xFF6B827C)
YUV	122.4390, 0.7696, -13.5400
Hunter-Lab	45.3280, -9.6846, 2.8190

# Details

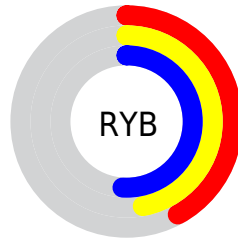
The YUV color  $122.4390, 0.7696, -13.5400$  is a dark color, and the websafe version is hex  $669999$ . A complement of this color would be  $114.5610, -0.7696, 13.5400$ , and the grayscale version is  $122.0000, 0.0000, 0.0000$ .

A 20% lighter version of the original color is  $175.0260, 0.4802, -14.0548$ , and  $73.7380, 0.6222, -12.9252$  is the 20% darker color. If you saturate the color by 10%, you get  $118.2100, 1.3755, -21.2322$ , and if you desaturate by 10%, it is  $126.6680, 0.1637, -5.8478$ .

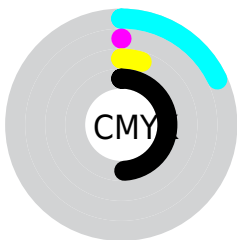
# Distribution



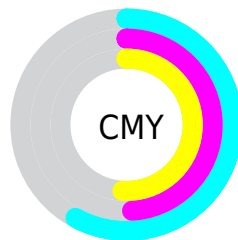
- Red (42%)
- Green (51%)
- Blue (49%)



- Red (42%)
- Yellow (47%)
- Blue (51%)



- Cyan (18%)
- Magenta (0%)
- Yellow (5%)
- Black (49%)



- Cyan (58%)
- Magenta (49%)
- Yellow (51%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 122.4390, 0.7696, -13.5400 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 122.4390, 0.7696, -13.5400 by changing the saturation by 10% instead.



■ 122.4390, 0.7696,  
-13.5400

■ 122.4390, 0.7696,  
-13.5400

■ 255.0000, 0.0000,  
0.0000

■ 97.7380, 0.6222,  
-12.9252

■ 175.0260, 0.4802,  
-14.0548

■ 73.7380, 0.6222,  
-12.9252

■ 202.7270, 0.6276,  
-14.6696

■ 51.1510, 0.9116,  
-12.4104

■ 230.4280, 0.7750,  
-15.2844

■ 29.5640, 1.2009,  
-11.8956

■ 251.1130, 1.9163,  
-7.9921

■ 9.6030, -1.2833,  
-8.4218

■ 0.0000, 0.0000,  
0.0000

■ 122.4390, 0.7696,  
-13.5400

■ 122.4390, 0.7696,  
-13.5400

■ 118.2100, 1.3755,  
-21.2322

■ 126.6680, 0.1637,  
-5.8478

■ 113.8670, 1.5446,  
-28.8244

■ 131.0110, -0.0054,  
1.7444

■ 109.6380, 2.1505,  
-36.5165

■ 135.2400, -0.6113,  
9.4365

■ 105.2950, 2.3196,  
-44.1087

■ 139.5830, -0.7804,  
17.0287

■ 101.0660, 2.9255,  
-51.8009

■ 143.8120, -1.3863,  
24.7209

■ 96.8370, 3.5314,  
-59.4930

■ 148.0410, -1.9922,  
32.4130

■ 92.4940, 3.7005,  
-67.0852

■ 152.3840, -2.1613,  
40.0052

■ 88.2650, 4.3064,

■ 156.6130, -2.7672,

-74.7774

47.6974

■ 87.2540, 4.3118,  
-76.5218

■ 160.9560, -2.9363,  
55.2896

# Harmonies

## Analogous

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



123.0330, -3.4673, -7.9219



122.4390, 0.7696, -13.5400



122.4540, 4.7062, -16.1842

# Triad

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



122.4390, 0.7696, -13.5400



125.8350, 6.9833, 0.1447



126.2420, -7.0213, 12.0658

# Complementary

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



122.4390, 0.7696, -13.5400



114.5610, -0.7696, 13.5400

# 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.



126.6490, -4.2640, 14.3398



122.4390, 0.7696, -13.5400



126.6680, 3.6147, 7.3072

# Square

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



122.4390, 0.7696, -13.5400



124.4210, 8.1734, -8.2622



126.9630, -0.4748, 12.3104



124.9810, -7.8786, 7.0327



# Rectangle

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



122.4390, 0.7696, -13.5400



123.0350, 6.8847, -14.9397



126.9630, -0.4748, 12.3104



126.0680, -6.4425, 13.0954

# Sweetspot

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



122.4390, 0.7696, -13.5400



165.3800, 0.3057, -4.7183



122.2950, -7.5404, -8.1517



82.3910, 0.3002, -2.9739



212.0000, 0.0000, 0.0000



84.0000, 0.0000, 0.0000



# Same Dimension

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



122.4390, 0.7696, -13.5400



156.5090, 1.2281, -20.6174



120.1880, 4.8373, -11.5659



61.6790, 0.1583, -4.1035



85.8520, 4.0170, -75.2922



0.0000, 0.0000, 0.0000



# Inverse Universe

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



114.5610, -0.7696, 13.5400



144.4910, -1.2281, 20.6174



116.8120, -4.8373, 11.5659



59.3210, -0.1583, 4.1035



42.0340, -4.4538, 75.3922



0.0000, 0.0000, 0.0000



# Previews

## White Background



This preview shows how the YUV color 122.4390, 0.7696, -13.5400 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 122.4390, 0.7696, -13.5400 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

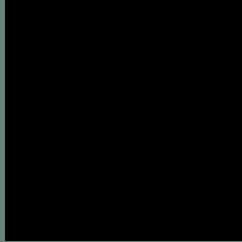
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

# YUV 122.4390, 0.7696, -13.5400

## Background



This preview shows how black text looks on a background with the YUV color 122.4390, 0.7696, -13.5400.



This preview shows how white text looks on a background with the YUV color 122.4390, 0.7696,

-13.5400.

# 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

122.4390, 0.7696, -13.5400

### Protanopia

124.8540, -1.9000, 2.7590

### Deuteranopia

126.0550, -0.0271, 8.7218



## Tritanopia

123.7580, 7.0213, -12.0658

# Trichromacy



## Original Color

122.4390, 0.7696, -13.5400

## Protanomaly

123.7500, -0.8627, -3.2887

## Deuteranomaly

124.4130, 0.2894, 0.5148

## Tritanomaly

123.4760, 4.6953, -12.6955

# Monochromacy



## Original Color

122.4390, 0.7696, -13.5400

## Achromatopsia

122.0000, 0.0000, 0.0000

## Achromatomaly

122.3800, 0.3057, -4.7183

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 122.4390, 0.7696, -13.5400 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(107, 130, 124)` looks like.

```
.text, #text, p{  
    color:rgb(107, 130, 124)  
}
```

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(107, 130, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 130, 124) }
```

## Border

The CSS property to change the border of an element to YUV 122.4390, 0.7696, -13.5400 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(107, 130, 124) }
```



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

```
.border{ border-color:rgb(107, 130, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(107, 130, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(107, 130, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(107, 130, 124);  
box-shadow:4px 4px 4px 4px rgb(107, 130,  
124) }
```

# Background

The CSS property to change the background color of an element to YUV 122.4390, 0.7696, -13.5400 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 130, 124) }
```

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

```
.background{ background-color: rgb(107,  
130, 124) }
```

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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