

# Converting Colors

YUV(121.4790, 0.2569, 10.9809)

Have a look what the booklet for  
YUV(121.4790, 0.2569, 10.9809)  
contains.

<b>YUV(121.4790, 0.2569, 10.9809)</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(121.4790, 0.2569,  
10.9809)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	86737A
RGB	134, 115, 122
RGB Percent	53%, 45%, 48%
CMY	0.4745, 0.5490, 0.5216
CMYK	0.00, 0.14, 0.09, 0.47
HSL	338°, 8%, 49%
HSV	338°, 14%, 53%
XYZ	19.4751, 18.7349, 21.0021
YIQ	121.4790, 9.0770, 6.2050

# Conversions

## Conversions Part 2

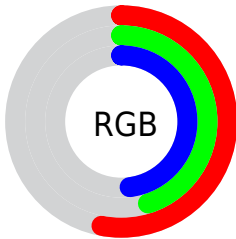
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	134, 115, 122
Decimal	8811386
CIE Lab	50.38, 8.67, -1.12
CIE LCh	50, 8.740, 352.660
Yxy	18.7349, 0.3289, 0.3164
Android (android.graphics.Color)	4287001466 (0xFF86737A)
YUV	121.4790, 0.2569, 10.9809
Hunter-Lab	43.2839, 4.5673, 1.5301

# Details

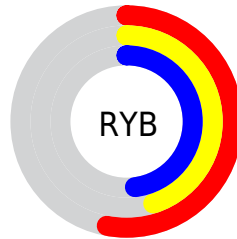
The YUV color  $121.4790, 0.2569, 10.9809$  is a dark color, and the websafe version is hex  $666666$ . A complement of this color would be  $127.5210, -0.2569, -10.9809$ , and the grayscale version is  $121.0000, 0.0000, 0.0000$ .

A 20% lighter version of the original color is  $173.7780, 0.1094, 11.5957$ , and  $72.7670, 0.1149, 9.8513$  is the 20% darker color. If you saturate the color by 10%, you get  $112.9360, 0.5246, 18.4731$ , and if you desaturate by 10%, it is  $130.0220, -0.0108, 3.4887$ .

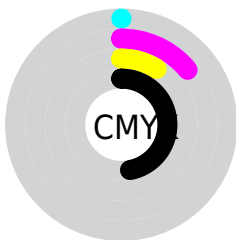
# Distribution



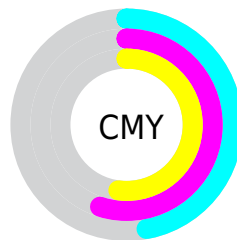
- Red (53%)
- Green (45%)
- Blue (48%)



- Red (53%)
- Yellow (45%)
- Blue (48%)



- Cyan (0%)
- Magenta (14%)
- Yellow (9%)
- Black (47%)



- Cyan (47%)
- Magenta (55%)
- Yellow (52%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 121.4790, 0.2569, 10.9809 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 121.4790, 0.2569, 10.9809 by changing the saturation by 10% instead.





 121.4790, 0.2569,  
10.9809


 121.4790, 0.2569,  
10.9809


255.0000, 0.0000,  
0.0000

 96.4790, 0.2569,  
10.9809


 173.7780, 0.1094,  
11.5957


 72.7670, 0.1149,  
9.8513


 201.1910, 0.3988,  
12.1105

 50.4680, 0.2623,  
9.2366

 229.4900, 0.2514,  
12.7253

 29.1690, 0.4097,  
8.6218

 252.6520, 1.1576,  
2.0592

 6.4360, -1.2009,  
11.8956

 0.0000, 0.0000,  
0.0000

121.4790, 0.2569,  
10.9809

121.4790, 0.2569,  
10.9809

112.9360, 0.5246,  
18.4731

130.0220, -0.0108,  
3.4887

103.6920, 0.6448,  
26.5801

139.2660, -0.1311,  
-4.6183

95.1490, 0.9125,  
34.0723

147.8090, -0.3988,  
-12.1105

85.9050, 1.0328,  
42.1793

157.0530, -0.5191,  
-20.2175

77.3620, 1.3005,  
49.6715

165.5960, -0.7868,  
-27.7097

68.7050, 1.1314,  
57.2637

174.2530, -0.6177,  
-35.3019

59.5750, 1.6885,  
65.2707


183.3830, -1.1748,  
-43.3089


50.9180, 1.5194,

192.0400, -1.0057,

72.8629

-50.9011

 45.6520, 1.6506,  
77.4812

 201.1700, -1.5628,  
-58.9081

# Harmonies

## Analogous

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



121.0700, 3.9095, 6.0776



121.4790, 0.2569, 10.9809



121.1650, -3.5323, 13.0103

# Triad

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



121.4790, 0.2569, 10.9809



118.9910, -6.4046, 0.8849



117.9320, 6.4425, -13.0954

# Complementary

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



121.4790, 0.2569, 10.9809



127.5210, -0.2569, -10.9809

# 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.



117.2370, 3.8272, -14.2398



121.4790, 0.2569, 10.9809



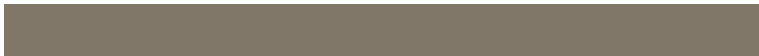
118.0440, -3.4727, -6.1776

# Square

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



121.4790, 0.2569, 10.9809



120.0950, -7.4418, 6.9327



117.3360, 0.3274, -11.6957



119.1930, 7.2999, -8.0623



# Rectangle

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



121.4790, 0.2569, 10.9809



120.9970, -5.4215, 12.2806



117.3360, 0.3274, -11.6957



118.1060, 5.8637, -14.1250

# Sweetspot

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



121.4790, 0.2569, 10.9809



168.4350, 0.2785, 4.0035



120.7540, 6.5303, 5.4777



83.7230, 0.1366, 2.8739



214.0000, 0.0000, 0.0000



87.0000, 0.0000, 0.0000



# Same Dimension

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



121.4790, 0.2569, 10.9809



153.9250, 0.5300, 16.7288



121.8550, -3.3795, 10.6512



62.0220, -0.0108, 3.4887



44.3420, 1.8034, 75.1221



1.0110, -0.0054, 1.7444



# Inverse Universe

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



121.4790, 0.2569, 10.9809



153.9250, 0.5300, 16.7288



127.1450, 3.3795, -10.6512



62.0220, -0.0108, 3.4887



44.3420, 1.8034, 75.1221



1.0110, -0.0054, 1.7444



# Previews

## White Background



This preview shows how the YUV color 121.4790, 0.2569, 10.9809 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

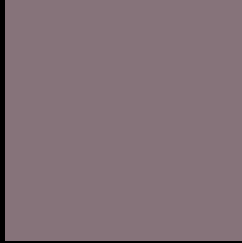
Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail



# Black Background



This preview shows how the YUV color 121.4790, 0.2569, 10.9809 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

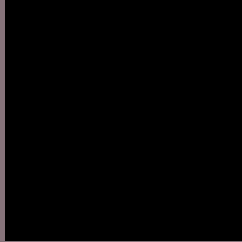
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

# YUV 121.4790, 0.2569, 10.9809

## Background



This preview shows how black text looks on a background with the YUV color 121.4790, 0.2569, 10.9809.



This preview shows how white text looks on a background with the YUV color 121.4790, 0.2569,

10.9809.

# 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

121.4790, 0.2569, 10.9809

### Protanopia

120.2820, 2.3260, 0.6297

### Deuteranopia

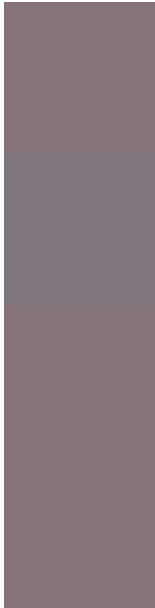
121.1690, 0.4097, 8.6218



## Tritanopia

121.7070, 1.1304, 10.7810

# Trichromacy



## Original Color

121.4790, 0.2569, 10.9809

## Protanomaly

121.0760, 1.4415, 4.3183

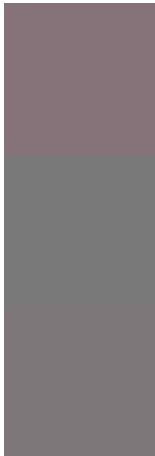
## Deuteranomaly

121.4680, 0.2623, 9.2366

## Tritanomaly

121.5930, 0.6937, 10.8809

# Monochromacy



## Original Color

121.4790, 0.2569, 10.9809

## Achromatopsia

121.0000, 0.0000, 0.0000

## Achromatomaly

121.3210, -0.1583, 4.1035

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 121.4790, 0.2569, 10.9809 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(134, 115, 122)` looks like.

```
.text, #text, p{  
    color:rgb(134, 115, 122)  
}
```

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(134, 115, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 115, 122) }
```

## Border

The CSS property to change the border of an element to YUV 121.4790, 0.2569, 10.9809 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(134, 115, 122) }
```



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

```
.border{ border-color:rgb(134, 115, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(134, 115, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 115, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 115, 122);  
box-shadow:4px 4px 4px 4px rgb(134, 115,  
122) }
```

# Background

The CSS property to change the background color of an element to YUV 121.4790, 0.2569, 10.9809 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 115, 122) }
```

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

```
.background{ background-color: rgb(134,  
115, 122) }
```

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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