

# Converting Colors

YUV(121.7110, 5.0725, 6.3925)

Have a look what the booklet for  
YUV(121.7110, 5.0725, 6.3925)  
contains.

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# Color

**YUV(121.7110, 5.0725,  
6.3925)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	817484
RGB	129, 116, 132
RGB Percent	51%, 45%, 52%
CMY	0.4941, 0.5451, 0.4824
CMYK	0.02, 0.12, 0.00, 0.48
HSL	289°, 6%, 49%
HSV	289°, 12%, 52%
XYZ	19.4635, 18.8239, 24.4373
YIQ	121.7110, 2.6120, 7.7320

# Conversions

## Conversions Part 2

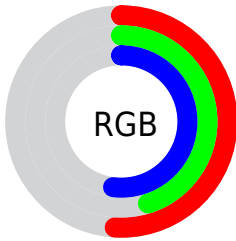
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	129, 116, 132
Decimal	8483972
CIE <sub>Lab</sub>	50.48, 8.16, -6.92
CIE <sub>LCh</sub>	50, 10.698, 319.690
Yxy	18.8239, 0.3103, 0.3001
Android (android.graphics.Color)	4286674052 (0xFF817484)
YUV	121.7110, 5.0725, 6.3925
Hunter-Lab	43.3865, 4.1502, -3.0244

# Details

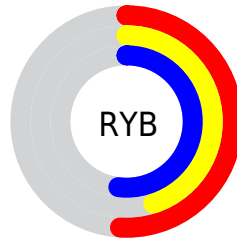
The YUV color  $121.7110, 5.0725, 6.3925$  is a dark color, and the websafe version is hex  $666666$ . A complement of this color would be  $126.2890, -5.0725, -6.3925$ , and the grayscale version is  $122.0000, 0.0000, 0.0000$ .

A 20% lighter version of the original color is  $174.1240, 5.3619, 6.9073$ , and  $73.2980, 4.7831, 5.8777$  is the 20% darker color. If you saturate the color by 10%, you get  $113.4820, 9.1294, 11.8553$ , and if you desaturate by 10%, it is  $129.9400, 1.0156, 0.9296$ .

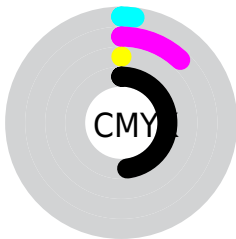
# Distribution



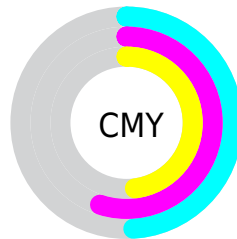
- Red (51%)
- Green (45%)
- Blue (52%)



- Red (51%)
- Yellow (45%)
- Blue (52%)



- Cyan (2%)
- Magenta (12%)
- Yellow (0%)
- Black (48%)



- Cyan (49%)
- Magenta (55%)
- Yellow (48%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 121.7110, 5.0725, 6.3925 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 121.7110, 5.0725, 6.3925 by changing the saturation by 10% instead.



■ 121.7110, 5.0725,  
6.3925

■ 121.7110, 5.0725,  
6.3925

■ 255.0000, 0.0000,  
0.0000

■ 96.7110, 5.0725,  
6.3925

■ 174.1240, 5.3619,  
6.9073

■ 73.2980, 4.7831,  
5.8777

■ 201.5370, 5.6513,  
7.4221

■ 50.8850, 4.4937,  
5.3629

■ 229.5370, 5.6513,  
7.4221

■ 29.4720, 4.2043,  
4.8481

■ 253.2390, 0.8682,  
1.5444

■ 6.1240, 5.3619,  
6.9073

■ 0.0000, 0.0000,  
0.0000

121.7110, 5.0725,  
6.3925

121.7110, 5.0725,  
6.3925

113.4820, 9.1294,  
11.8553

129.9400, 1.0156,  
0.9296

104.9540, 13.3337,  
16.7033

138.4680, -3.1887,  
-3.9184

96.1380, 17.6800,  
22.6810

147.2840, -7.5350,  
-9.8961

87.6100, 21.8843,  
27.5290

155.8120,  
-11.7393, -14.7441

79.3810, 25.9412,  
32.9919

164.0410,  
-15.7962, -20.2070

70.8530, 30.1455,  
37.8399

172.5690,  
-20.0005, -25.0550

62.6240, 34.2024,  
43.3028

180.7980,  
-24.0574, -30.5178

53.5090, 38.6961,

189.9130,

48.6656

-28.5511, -35.8807

■ 47.0410, 41.8848,  
52.5840

■ 198.1420,  
-32.6080, -41.3435

# Harmonies

## Analogous

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



120.7530, 8.0098, -2.4144



121.7110, 5.0725, 6.3925



122.0170, 0.9776, 13.1401

# Triad

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



121.7110, 5.0725, 6.3925



120.0630, -8.9051, 9.5917



116.7420, 4.5642, -17.3137

# Complementary

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



121.7110, 5.0725, 6.3925



126.2890, -5.0725, -6.3925

# 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.



117.2110, -0.1040, -13.3400



121.7110, 5.0725, 6.3925



118.9480, -7.8624, 1.7996

# Square

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



121.7110, 5.0725, 6.3925



121.2530, -7.0267, 13.8101



118.2890, -5.0725, -6.3925



117.6650, 8.0532, -16.3692



# Rectangle

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



121.7110, 5.0725, 6.3925



121.8170, -2.3748, 15.0695



118.2890, -5.0725, -6.3925



117.2860, 2.8170, -16.9138

# Sweetspot

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



121.7110, 5.0725, 6.3925



166.5920, 2.1731, 2.9888



119.5850, 6.1206, -3.1440



83.7660, 1.5944, 1.9592



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.



121.7110, 5.0725, 6.3925



154.2430, 8.2612, 10.3109



122.0380, 2.4463, 8.7367



62.1790, 1.8838, 2.4740



46.5140, 41.1586, 52.1692



0.9400, 1.0156, 0.9296



# Inverse Universe

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



121.1260, -1.0481, 9.5365



153.3440, -1.6486, 15.4843



125.9620, -2.4463, -8.7367



61.9080, -0.4476, 3.5887



41.6060, -8.6798, 77.5215



0.8970, -0.4422, 1.8443



# Previews

## White Background



This preview shows how the YUV color 121.7110, 5.0725, 6.3925 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 121.7110, 5.0725, 6.3925 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

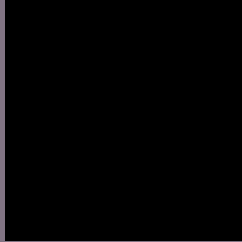
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

# YUV 121.7110, 5.0725, 6.3925

## Background



This preview shows how black text looks on a background with the YUV color 121.7110, 5.0725, 6.3925.



This preview shows how white text looks on a background with the YUV color 121.7110, 5.0725,



# 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

121.7110, 5.0725, 6.3925

### Protanopia

120.4110, 6.6994, -2.1144

### Deuteranopia

121.7000, 5.0779, 4.6481



## Tritanopia

121.3150, 2.3097, 5.8627

# Trichromacy



## Original Color

121.7110, 5.0725, 6.3925

## Protanomaly

120.9060, 5.9623, 0.9594

## Deuteranomaly

121.9990, 4.9305, 5.2629

## Tritanomaly

121.5430, 3.1833, 5.6628

# Monochromacy



## Original Color

121.7110, 5.0725, 6.3925

## Achromatopsia

122.0000, 0.0000, 0.0000

## Achromatomaly

122.1790, 1.8838, 2.4740

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 121.7110, 5.0725, 6.3925 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(129, 116, 132)` looks like.

```
.text, #text, p{  
    color:rgb(129, 116, 132)  
}
```

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(129, 116, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(129, 116, 132) }
```

## Border

The CSS property to change the border of an element to YUV 121.7110, 5.0725, 6.3925 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(129, 116, 132) }
```



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

```
.border{ border-color:rgb(129, 116, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(129, 116, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(129, 116, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(129, 116, 132);  
box-shadow:4px 4px 4px 4px rgb(129, 116,  
132) }
```

# Background

The CSS property to change the background color of an element to YUV 121.7110, 5.0725, 6.3925 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(129, 116, 132) }
```

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

```
.background{ background-color: rgb(129,  
116, 132) }
```

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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