

# Converting Colors

YUV(125.5970, 4.6357, 6.4924)

Have a look what the booklet for  
YUV(125.5970, 4.6357, 6.4924)  
contains.

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# Color

**YUV(125.5970, 4.6357,  
6.4924)**

# Conversions

Conversions Part 1	
Format	Color
Hex	857887
RGB	133, 120, 135
RGB Percent	52%, 47%, 53%
CMY	0.4784, 0.5294, 0.4706
CMYK	0.01, 0.11, 0.00, 0.47
HSL	292°, 6%, 50%
HSV	292°, 11%, 53%
XYZ	20.7625, 20.1688, 25.7203
YIQ	125.5970, 2.9330, 7.4210

# Conversions

## Conversions Part 2

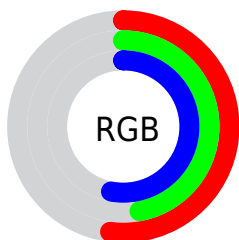
Format	Color
<a href="#">RYB</a>	<a href="#">133, 120, 135</a>
Decimal	<a href="#">8747143</a>
CIELab	<a href="#">52.03, 7.91, -6.34</a>
CIELCh	<a href="#">52, 10.137, 321.252</a>
Yxy	<a href="#">20.1688, 0.3115, 0.3026</a>
Android (android.graphics.Color)	<a href="#">4286937223</a> (0xFF857887)
YUV	<a href="#">125.5970, 4.6357, 6.4924</a>
Hunter-Lab	<a href="#">44.9096, 3.9318, -2.5194</a>

# Details

The YUV color `125.5970, 4.6357, 6.4924` is a dark color, and the websafe version is hex `666666`. A complement of this color would be `129.4030, -4.6357, -6.4924`, and the grayscale version is `126.0000, 0.0000, 0.0000`.

A 20% lighter version of the original color is `178.0100, 4.9251, 7.0072`, and `76.7710, 4.0569, 5.4628` is the 20% darker color. If you saturate the color by 10%, you get `117.3680, 8.6926, 11.9553`, and if you desaturate by 10%, it is `134.4130, 0.2894, 0.5148`.

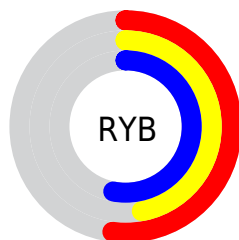
# Distribution



Red (52%)

Green (47%)

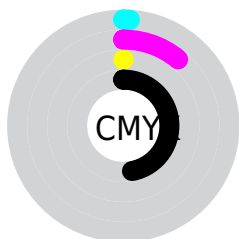
Blue (53%)



Red (52%)

Yellow (47%)

Blue (53%)

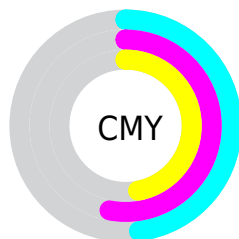


Cyan (1%)

Magenta (11%)

Yellow (0%)

Black (47%)



Cyan (48%)

Magenta (53%)

Yellow (47%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 125.5970, 4.6357, 6.4924 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 125.5970, 4.6357, 6.4924 by changing the saturation by 10% instead.





 125.5970, 4.6357,  
6.4924


 125.5970, 4.6357,  
6.4924


255.0000, 0.0000,  
0.0000


 100.5970, 4.6357,  
6.4924


 178.0100, 4.9251,  
7.0072


 76.7710, 4.0569,  
5.4628


 206.0100, 4.9251,  
7.0072

 53.7710, 4.0569,  
5.4628

 234.0100, 4.9251,  
7.0072

 32.3580, 3.7675,  
4.9480


 9.1350, 5.3564,  
8.6516


 0.0000, 0.0000,  
0.0000

 125.5970, 4.6357,  
6.4924


 125.5970, 4.6357,  
6.4924

 117.3680, 8.6926,  
11.9553


 134.4130, 0.2894,  
0.5148


 108.5520, 13.0389,  
17.9329


 142.6420, -3.7675,  
-4.9480


 100.0350, 17.2377,  
24.5253


 151.1590, -7.9664,  
-11.5404


 91.8060, 21.2946,  
29.9881


 159.3880,  
-12.0233, -17.0033


 83.5770, 25.3515,  
35.4510

 167.6170,  
-16.0802, -22.4661

 74.7610, 29.6978,  
41.4286

 176.4330,  
-20.4265, -28.4437

 66.5320, 33.7547,  
46.8914


 185.2490,  
-24.7728, -34.4214


 58.0150, 37.9536,

 193.1790,

53.4838

-28.6822, -40.4990

 50.3730, 41.7211,  
58.4319

 201.9950,  
-33.0285, -46.4766

# Harmonies

## Analogous

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



124.9380, 7.4256, -1.6996



125.5970, 4.6357, 6.4924



125.6040, 0.6882, 12.6253

# Triad

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



125.5970, 4.6357, 6.4924



124.4650, -8.6102, 8.3622



121.0410, 4.4168, -16.6990

# Complementary

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



125.5970, 4.6357, 6.4924



129.4030, -4.6357, -6.4924

# 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.



121.2110, -0.1040, -13.3400



125.5970, 4.6357, 6.4924



122.7630, -7.2782, 1.0848

# Square

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



125.5970, 4.6357, 6.4924



124.9540, -6.8793, 13.1953



122.1040, -4.4883, -7.1072



121.8500, 7.4690, -15.6544



# Rectangle

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



125.5970, 4.6357, 6.4924



125.5180, -2.2274, 14.4547



122.1040, -4.4883, -7.1072



120.9980, 2.9590, -15.7842

# Sweetspot

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



125.5970, 4.6357, 6.4924



172.7660, 1.5944, 1.9592



122.8840, 5.9732, -2.5293



87.2390, 0.8682, 1.5444



217.0000, 0.0000, 0.0000



89.0000, 0.0000, 0.0000



# Same Dimension

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



125.5970, 4.6357, 6.4924



161.6020, 7.0982, 9.9960



125.6250, 2.1569, 8.2219



62.1790, 1.8838, 2.4740



48.6070, 40.1267, 56.4727



0.9400, 1.0156, 0.9296



# Inverse Universe

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



124.7130, -1.3375, 9.0217



160.2190, -2.0800, 13.8399



129.4890, -1.7201, -8.3219



61.9080, -0.4476, 3.5887



40.8080, -11.7373, 78.2214



0.8970, -0.4422, 1.8443



# Previews

## White Background



This preview shows how the YUV color 125.5970, 4.6357, 6.4924 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

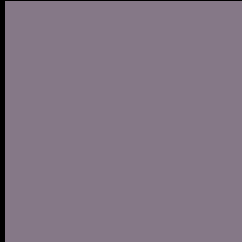
Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail



# Black Background



This preview shows how the YUV color 125.5970, 4.6357, 6.4924 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

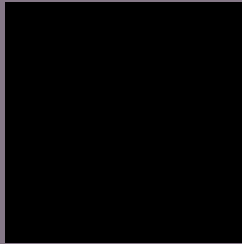
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

# YUV 125.5970, 4.6357, 6.4924

## Background



This preview shows how black text looks on a background with the YUV color 125.5970, 4.6357, 6.4924.



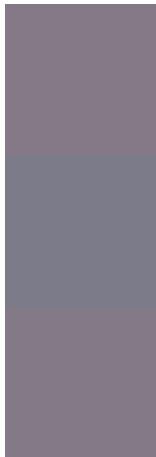
This preview shows how white text looks on a background with the YUV color 125.5970, 4.6357,



# 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

125.5970, 4.6357, 6.4924

### Protanopia

124.5960, 6.1152, -1.3997

### Deuteranopia

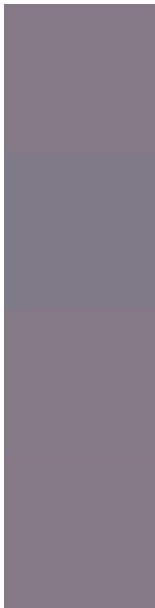
125.5860, 4.6411, 4.7481



## Tritanopia

125.3150, 2.3097, 5.8627

# Trichromacy



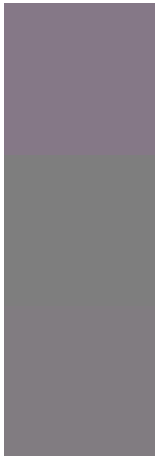
**Original Color**  
125.5970, 4.6357, 6.4924

**Protanomaly**  
125.0910, 5.3781, 1.6742

**Deuteranomaly**  
125.8850, 4.4937, 5.3629

**Tritanomaly**  
125.5430, 3.1833, 5.6628

# Monochromacy



**Original Color**  
125.5970, 4.6357, 6.4924

**Achromatopsia**  
126.0000, 0.0000, 0.0000

**Achromatomaly**  
126.0650, 1.4470, 2.5740

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 125.5970, 4.6357, 6.4924 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(133, 120, 135)` looks like.

```
.text, #text, p{  
    color:rgb(133, 120, 135)  
}
```

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(133, 120, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 120, 135) }
```

## Border

The CSS property to change the border of an element to YUV 125.5970, 4.6357, 6.4924 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(133, 120, 135) }
```



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

```
.border{ border-color:rgb(133, 120, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(133, 120, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 120, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 120, 135);  
box-shadow:4px 4px 4px 4px rgb(133, 120,  
135) }
```

# Background

The CSS property to change the background color of an element to YUV 125.5970, 4.6357, 6.4924 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 120, 135) }
```

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

```
.background{ background-color: rgb(133,  
120, 135) }
```

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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