

# Converting Colors

YUV(121.1870, -3.5432,  
16.4990)

Have a look what the booklet for  
YUV(121.1870, -3.5432, 16.4990)  
contains.

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# Color

**YUV(121.1870, -3.5432,  
16.4990)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	8C7172
RGB	140, 113, 114
RGB Percent	55%, 44%, 45%
CMY	0.4510, 0.5569, 0.5529
CMYK	0.00, 0.19, 0.19, 0.45
HSL	358°, 11%, 50%
HSV	358°, 19%, 55%
XYZ	19.7576, 18.6006, 18.4685
YIQ	121.1870, 15.7710, 6.0350

# Conversions

## Conversions Part 2

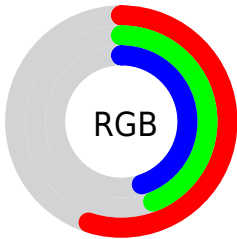
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	140, 113, 114
Decimal	9204082
CIE <sub>Lab</sub>	50.22, 10.77, 3.46
CIE <sub>LCh</sub>	50, 11.313, 17.790
Yxy	18.6006, 0.3477, 0.3273
Android (android.graphics.Color)	4287394162 (0xFF8C7172)
YUV	121.1870, -3.5432, 16.4990
Hunter-Lab	43.1284, 6.2981, 4.8006

# Details

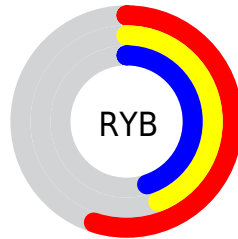
The YUV color **121.1870, -3.5432, 16.4990** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **131.8130, 3.5432, -16.4990**, and the grayscale version is **121.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **173.7850, -3.8380, 17.7286**, and **72.2900, -3.1010, 14.6547** is the 20% darker color. If you saturate the color by 10%, you get **111.4870, -5.1701, 25.0059**, and if you desaturate by 10%, it is **130.8870, -1.9163, 7.9921**.

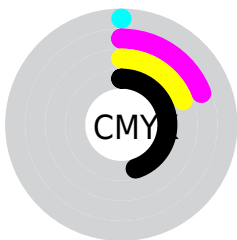
# Distribution



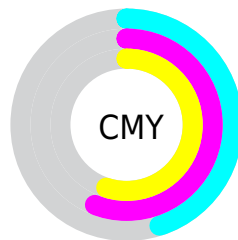
- Red (55%)
- Green (44%)
- Blue (45%)



- Red (55%)
- Yellow (44%)
- Blue (45%)



- Cyan (0%)
- Magenta (19%)
- Yellow (19%)
- Black (45%)



- Cyan (45%)
- Magenta (56%)
- Yellow (55%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 121.1870, -3.5432, 16.4990 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 121.1870, -3.5432, 16.4990 by changing the saturation by 10% instead.



■ 121.1870, -3.5432,  
16.4990

■ 121.1870, -3.5432,  
16.4990

■ 255.0000, 0.0000,  
0.0000

■ 96.0020, -2.9590,  
15.7842

■ 173.7850, -3.8380,  
17.7286

■ 72.2900, -3.1010,  
14.6547

■ 201.0840, -3.9854,  
18.3433

■ 49.9910, -2.9536,  
14.0399

■ 229.3830, -4.1328,  
18.9581

■ 28.5070, -2.2220,  
12.7104

■ 250.2070, -0.5951,  
4.2035

■ 7.1760, -3.5378,  
14.7546

■ 0.0000, 0.0000,  
0.0000

121.1870, -3.5432,  
16.4990

121.1870, -3.5432,  
16.4990

111.4870, -5.1701,  
25.0059

130.8870, -1.9163,  
7.9921

101.6730, -7.2338,  
33.6128

140.7010, 0.1474,  
-0.6148

91.9730, -8.8607,  
42.1197

150.4010, 1.7743,  
-9.1217

82.1590, -10.9244,  
50.7266

160.2150, 3.8380,  
-17.7286

72.4590, -12.5513,  
59.2335

169.9150, 5.4649,  
-26.2355

62.6450, -14.6150,  
67.8403

179.7290, 7.5286,  
-34.8423

52.9450, -16.2419,  
76.3472


189.4290, 9.1555,  
-43.3492

43.1310, -18.3056,

199.2430, 11.2192,

84.9541

-51.9561

 42.4300, -18.4530,  
85.5689

 208.9430, 12.8461,  
-60.4630

# Harmonies

## Analogous

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



121.4300, 1.2670, 13.6549



121.1870, -3.5432, 16.4990



120.8510, -7.3215, 15.0397

# Triad

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



121.1870, -3.5432, 16.4990



117.1750, -5.5093, -6.2925



118.4420, 9.6421, -12.6656

# Complementary

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



121.1870, -3.5432, 16.4990



131.8130, 3.5432, -16.4990

# 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.



116.6540, 8.0586, -18.1136



121.1870, -3.5432, 16.4990



116.3850, -0.6828, -14.3696

# Square

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



121.1870, -3.5432, 16.4990



118.7200, -8.7360, 1.9996



116.0300, 4.4222, -18.4433



119.6820, 9.0308, -3.2291



# Rectangle

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



121.1870, -3.5432, 16.4990



119.7860, -8.7685, 12.4657



116.0300, 4.4222, -18.4433



117.4310, 9.6475, -14.4100

# Sweetspot

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



121.1870, -3.5432, 16.4990



173.4030, -1.1847, 6.6626



123.8520, 7.9610, 13.2848



87.2070, -0.5951, 4.2035



219.0000, 0.0000, 0.0000



92.0000, 0.0000, 0.0000



# Same Dimension

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



121.1870, -3.5432, 16.4990



151.7860, -5.3175, 25.6207



128.1170, -7.4527, 10.4214



64.0930, -1.0318, 4.3034



40.3370, -17.4211, 81.2655



1.4950, -0.7370, 3.0739



# Inverse Universe

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



121.1870, -3.5432, 16.4990



151.7860, -5.3175, 25.6207



124.8830, 7.4527, -10.4214



64.0930, -1.0318, 4.3034



40.3370, -17.4211, 81.2655



1.4950, -0.7370, 3.0739



# Previews

## White Background



This preview shows how the YUV color 121.1870, -3.5432, 16.4990 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 121.1870, -3.5432, 16.4990 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 121.1870, -3.5432, 16.4990

## Background



This preview shows how black text looks on a background with the YUV color 121.1870, -3.5432, 16.4990.



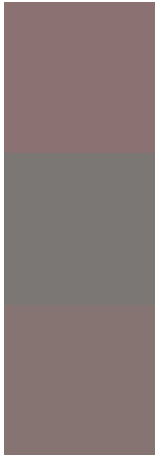
This preview shows how white text looks on a background with the YUV color 121.1870, -3.5432,

16.4990.

# 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

121.1870, -3.5432, 16.4990

### Protanopia

119.6690, -1.3158, 2.0443

### Deuteranopia

120.8550, -3.3795, 10.6512



## Tritanopia

121.6970, -0.3436, 16.9287

# Trichromacy



## Original Color

121.1870, -3.5432, 16.4990

## Protanomaly

120.4740, -2.2057, 7.4773

## Deuteranomaly

121.1650, -3.5323, 13.0103

## Tritanomaly

121.3550, -1.6540, 17.2287

# Monochromacy



## Original Color

121.1870, -3.5432, 16.4990

## Achromatopsia

121.0000, 0.0000, 0.0000

## Achromatomaly

120.9900, -1.4741, 6.1478

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 121.1870, -3.5432, 16.4990 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(140, 113, 114)` looks like.

```
.text, #text, p{  
    color:rgb(140, 113, 114)  
}
```

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(140, 113, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 113, 114) }
```

## Border

The CSS property to change the border of an element to YUV 121.1870, -3.5432, 16.4990 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(140, 113, 114) }
```



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

```
.border{ border-color:rgb(140, 113, 114) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 113, 114)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 113, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 113, 114);  
box-shadow:4px 4px 4px 4px rgb(140, 113,  
114) }
```

# Background

The CSS property to change the background color of an element to YUV 121.1870, -3.5432, 16.4990 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 113, 114) }
```

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

```
.background{ background-color: rgb(140,  
113, 114) }
```

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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