

# Converting Colors

YUV(124.1730, 10.7607,  
-44.8787)

Have a look what the booklet for  
YUV(124.1730, 10.7607, -44.8787)  
contains.

<b>YUV(124.1730, 10.7607, -44.8787)</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(124.1730, 10.7607,  
-44.8787)**

# Conversions

## Conversions Part 1

Format	Color
Hex	499292
RGB	73, 146, 146
RGB Percent	29%, 57%, 57%
CMY	0.7137, 0.4275, 0.4275
CMYK	0.50, 0.00, 0.00, 0.43
HSL	180°, 33%, 43%
HSV	180°, 50%, 57%
XYZ	18.2148, 24.0496, 30.8761
YIQ	124.1730, -43.5080, -15.4760

# Conversions

## Conversions Part 2

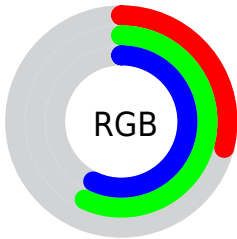
<b>Format</b>	<b>Color</b>
<b>RYB</b>	73, 110, 146
Decimal	4821650
CIELab	56.14, -22.67, -7.02
CIELCh	56, 23.730, 197.212
Yxy	24.0496, 0.2490, 0.3288
Android (android.graphics.Color)	4283011730 (0xFF499292)
YUV	124.1730, 10.7607, -44.8787
Hunter-Lab	49.0403, -19.5211, -3.0011

# Details

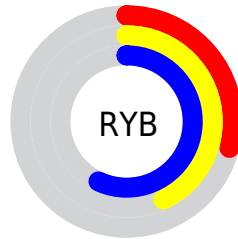
The YUV color **124.1730, 10.7607, -44.8787** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **94.8270, -10.7607, 44.8787**, and the grayscale version is **124.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **178.1730, 10.7607, -44.8787**, and **68.5030, 13.5560, -54.8151** is the 20% darker color. If you saturate the color by 10%, you get **119.6880, 12.9718, -54.1004**, and if you desaturate by 10%, it is **128.6580, 8.5496, -35.6571**.

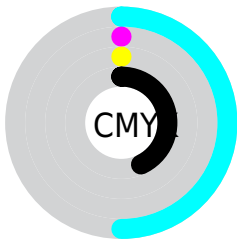
# Distribution



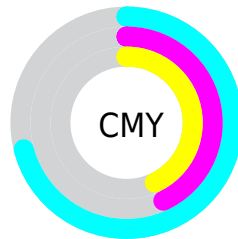
- Red (29%)
- Green (57%)
- Blue (57%)



- Red (29%)
- Yellow (43%)
- Blue (57%)



- Cyan (50%)
- Magenta (0%)
- Yellow (0%)
- Black (43%)



- Cyan (71%)
- Magenta (43%)
- Yellow (43%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 124.1730, 10.7607, -44.8787 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 124.1730, 10.7607, -44.8787 by changing the saturation by 10% instead.



124.1730, 10.7607,  
-44.8787

124.1730, 10.7607,  
-44.8787

255.0000, 0.0000,  
0.0000

97.5750, 11.0555,  
-46.1083

178.1730, 10.7607,  
-44.8787

68.5030, 13.5560,  
-54.8151

206.1730, 10.7607,  
-44.8787

49.8850, 10.9027,  
-43.7491

233.4720, 10.6133,  
-44.2639

33.8760, 7.9491,  
-29.7093

242.1430, 6.3385,  
-26.4354

20.2150, 3.8380,  
-17.7286

250.8140, 2.0637,  
-8.6069

0.1140, 0.4368,  
-0.1000

0.0000, 0.0000,

0.0000

■ 124.1730, 10.7607,  
-44.8787

■ 124.1730, 10.7607,  
-44.8787

■ 119.6880, 12.9718,  
-54.1004

■ 128.6580, 8.5496,  
-35.6571

■ 115.5020, 15.0355,  
-62.7073

■ 132.8440, 6.4859,  
-27.0502

■ 111.0170, 17.2466,  
-71.9289

■ 137.3290, 4.2748,  
-17.8285

■ 106.8310, 19.3103,  
-80.5358

■ 141.5150, 2.2111,  
-9.2217

■ 102.3460, 21.5214,  
-89.7574

■ 146.0000, 0.0000,  
0.0000

■ 150.4850, -2.2111,  
9.2217

■ 154.6710, -4.2748,  
17.8285

■ 159.1560, -6.4859,  
27.0502

■ 163.3420, -8.5496,  
35.6571

# Harmonies

## Analogous

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



126.2750, -0.6286, -31.8132



124.1730, 10.7607, -44.8787



125.3500, 19.0545, -45.0339

# Triad

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



124.1730, 10.7607, -44.8787



137.4050, 12.6183, 12.7998



134.0830, -19.2679, 20.0982

# Complementary

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



124.1730, 10.7607, -44.8787



94.8270, -10.7607, 44.8787

# 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.



135.8870, -15.2273, 30.7941



124.1730, 10.7607, -44.8787



137.6860, 3.1128, 28.3394

# Square

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



124.1730, 10.7607, -44.8787



134.6950, 19.3774, -8.5025



137.0860, -6.9444, 34.1276



132.2120, -18.3455, 4.1991



# Rectangle

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



124.1730, 10.7607, -44.8787



128.3880, 21.5007, -36.2973



137.0860, -6.9444, 34.1276



134.9310, -18.7000, 24.6165

# Sweetspot

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



124.1730, 10.7607, -44.8787



180.3290, 4.2748, -17.8285



115.8510, -21.1255, -37.5803



88.9170, 2.5059, -10.4512



222.0000, 0.0000, 0.0000



94.0000, 0.0000, 0.0000



# Same Dimension

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



124.1730, 10.7607, -44.8787



154.9140, 16.8044, -70.0846



103.0410, 21.1788, -26.3460



71.9070, 1.0318, -4.3034



96.7380, 20.3422, -84.8392



7.0100, 1.4741, -6.1478



# Inverse Universe

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



103.1490, 21.1255, 37.5803



122.0820, 32.9906, 58.6871



116.5460, -21.4682, 25.8312



69.8910, 2.0257, 3.6036



56.9940, 39.9360, 71.0423

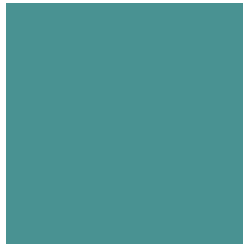


4.1300, 2.8939, 5.1480



# Previews

## White Background



This preview shows how the YUV color 124.1730, 10.7607, -44.8787 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 124.1730, 10.7607, -44.8787 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

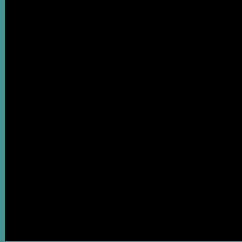
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

# YUV 124.1730, 10.7607, -44.8787

## Background



This preview shows how black text looks on a background with the YUV color 124.1730, 10.7607, -44.8787.



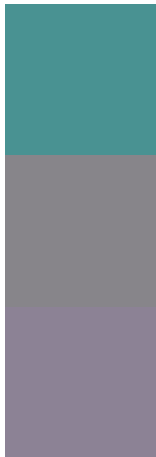
This preview shows how white text looks on a background with the YUV color 124.1730, 10.7607, -44.8787.



# 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

124.1730, 10.7607, -44.8787

### Protanopia

134.1680, 1.8892, 0.7297

### Deuteranopia

135.1560, 6.8251, 4.2482



## Tritanopia

125.0360, 15.2653, -43.0046

# Trichromacy



## Original Color

124.1730, 10.7607, -44.8787

## Protanomaly

130.5680, 5.1430, -16.2841

## Deuteranomaly

131.3880, 8.1897, -13.4953

## Tritanomaly

124.8680, 13.3761, -43.7342

# Monochromacy



## Original Color

124.1730, 10.7607, -44.8787

## Achromatopsia

124.0000, 0.0000, 0.0000

## Achromatomaly

123.9270, 3.9800, -16.5990

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 124.1730, 10.7607, -44.8787 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(73, 146, 146)` looks like.

```
.text, #text, p{  
    color:rgb(73, 146, 146)  
}
```

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(73, 146, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(73, 146, 146) }
```

## Border

The CSS property to change the border of an element to YUV 124.1730, 10.7607, -44.8787 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(73, 146, 146) }
```



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

```
.border{ border-color:rgb(73, 146, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(73, 146, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(73, 146, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(73, 146, 146);  
box-shadow:4px 4px 4px 4px rgb(73, 146,  
146) }
```

# Background

The CSS property to change the background color of an element to YUV 124.1730, 10.7607, -44.8787 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(73, 146, 146) }
```

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

```
.background{ background-color: rgb(73, 146,  
146) }
```

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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