

# Converting Colors

YUV(124.8620, 15.8440,  
-41.9750)

Have a look what the booklet for  
YUV(124.8620, 15.8440, -41.9750)  
contains.

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# Color

**YUV(124.8620, 15.8440,  
-41.9750)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	4D8F9D
RGB	77, 143, 157
RGB Percent	30%, 56%, 62%
CMY	0.6980, 0.4392, 0.3843
CMYK	0.51, 0.09, 0.00, 0.38
HSL	190°, 34%, 46%
HSV	190°, 51%, 62%
XYZ	18.9688, 23.6570, 35.4648
YIQ	124.8620, -43.8300, -9.6380

# Conversions

## Conversions Part 2

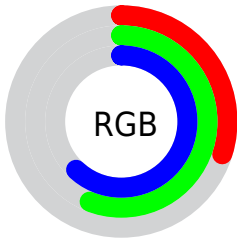
<b>Format</b>	<b>Color</b>
<b>RYB</b>	77, 113, 157
Decimal	5083037
CIELab	55.74, -17.04, -13.91
CIELCh	56, 22.000, 219.228
Yxy	23.6570, 0.2429, 0.3029
Android (android.graphics.Color)	4283273117 (0xFF4D8F9D)
YUV	124.8620, 15.8440, -41.9750
Hunter-Lab	48.6385, -15.5030, -9.1844

# Details

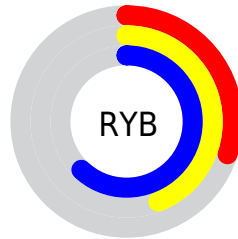
The YUV color **124.8620, 15.8440, -41.9750** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **109.1380, -15.8440, 41.9750**, and the grayscale version is **125.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **178.9760, 16.2808, -42.0750**, and **70.8610, 17.3235, -49.8671** is the 20% darker color. If you saturate the color by 10%, you get **118.3170, 19.0707, -50.2670**, and if you desaturate by 10%, it is **131.4070, 12.6173, -33.6829**.

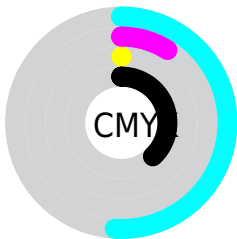
# Distribution



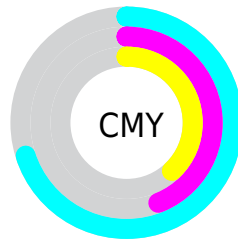
- Red (30%)
- Green (56%)
- Blue (62%)



- Red (30%)
- Yellow (44%)
- Blue (62%)



- Cyan (51%)
- Magenta (9%)
- Yellow (0%)
- Black (38%)



- Cyan (70%)
- Magenta (44%)
- Yellow (38%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 124.8620, 15.8440, -41.9750 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 124.8620, 15.8440, -41.9750 by changing the saturation by 10% instead.



■ 124.8620, 15.8440,  
-41.9750

■ 124.8620, 15.8440,  
-41.9750

■ 255.0000, 0.0000,  
0.0000

■ 98.2640, 16.1388,  
-43.2045

■ 178.9760, 16.2808,  
-42.0750

■ 70.8610, 17.3235,  
-49.8671

■ 206.9760, 16.2808,  
-42.0750

■ 49.8510, 15.8495,  
-43.7193

■ 234.0810, 10.3131,  
-41.2900

■ 33.7280, 12.4591,  
-29.5795

■ 243.3390, 5.7489,  
-23.9763

■ 20.0670, 8.3480,  
-17.5988

■ 252.0100, 1.4741,  
-6.1478

■ 2.2970, 6.2626,  
-2.0145

■ 0.0000, 0.0000,

0.0000

■ 124.8620, 15.8440,  
-41.9750

■ 124.8620, 15.8440,  
-41.9750

■ 118.3170, 19.0707,  
-50.2670

■ 131.4070, 12.6173,  
-33.6829

■ 112.6580, 21.8606,  
-58.4591

■ 137.0660, 9.8275,  
-25.4909

■ 106.1130, 25.0873,  
-66.7511

■ 143.6110, 6.6008,  
-17.1988

■ 99.5680, 28.3140,  
-75.0431

■ 150.1560, 3.3741,  
-8.9068

■ 94.2080, 30.9565,  
-82.6204

■ 156.4020, 0.2948,  
-1.2296

■ 162.3600, -2.6425,  
7.5773

■ 168.9050, -5.8692,  
15.8693

■ 175.4500, -9.0958,  
24.1614

■ 181.6960,  
-12.1751, 31.8386

# Harmonies

## Analogous

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



124.5930, 7.1027, -38.2311



124.8620, 15.8440, -41.9750



128.3670, 20.0321, -31.8939

# Triad

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



124.8620, 15.8440, -41.9750



136.6360, 5.6025, 23.1212



131.7610, -17.6302, 8.1026

# Complementary

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



124.8620, 15.8440, -41.9750



109.1380, -15.8440, 41.9750

# 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.



133.8490, -17.6736, 22.0574



124.8620, 15.8440, -41.9750



136.4600, -4.1708, 31.1686

# Square

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



124.8620, 15.8440, -41.9750



136.1870, 13.2188, 6.8520



134.9840, -12.3171, 30.7090



129.9160, -12.7766, -8.6963



# Rectangle

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



124.8620, 15.8440, -41.9750



131.3300, 19.5573, -19.5834



134.9840, -12.3171, 30.7090



132.5660, -18.5200, 13.5356

# Sweetspot

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



124.8620, 15.8440, -41.9750



191.7960, 6.0166, -16.4841



125.4420, -17.4729, -42.4836



94.8570, 3.5215, -9.5216



230.0000, 0.0000, 0.0000



102.0000, 0.0000, 0.0000



# Same Dimension

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



124.8620, 15.8440, -41.9750



154.0100, 24.6451, -64.9068



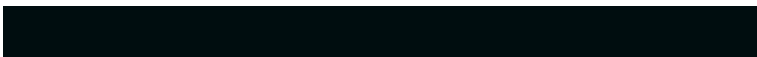
101.9690, 27.1303, -21.8978



76.0210, 1.4686, -4.4034



85.5680, 28.3140, -75.0431



9.3410, 2.7899, -8.1921



# Inverse Universe

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



108.4440, 17.0361, 42.5836



128.7040, 26.2749, 66.0346



132.0310, -27.1303, 21.8978



74.1900, 1.8783, 4.2184



56.2090, 30.4630, 76.1157



5.9670, 3.4673, 7.9219



# Previews

## White Background



This preview shows how the YUV color 124.8620, 15.8440, -41.9750 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 124.8620, 15.8440, -41.9750 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

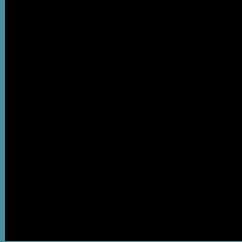
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

# YUV 124.8620, 15.8440, -41.9750

## Background



This preview shows how black text looks on a background with the YUV color 124.8620, 15.8440, -41.9750.



This preview shows how white text looks on a background with the YUV color 124.8620, 15.8440, -41.9750.

-41.9750.

# 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

124.8620, 15.8440, -41.9750

### Protanopia

133.4540, 8.1572, -3.0292

### Deuteranopia

134.0180, 12.8091, -1.7698



## Tritanopia

124.3350, 15.1178, -42.3898

# Trichromacy



## Original Color

124.8620, 15.8440, -41.9750

## Protanomaly

130.4630, 11.1107, -17.0691

## Deuteranomaly

130.8590, 13.8735, -16.5393

## Tritanomaly

124.4490, 15.5546, -42.4898

# Monochromacy



## Original Color

124.8620, 15.8440, -41.9750

## Achromatopsia

125.0000, 0.0000, 0.0000

## Achromatomaly

125.3940, 5.7218, -15.2545

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 124.8620, 15.8440, -41.9750 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(77, 143, 157)` looks like.

```
.text, #text, p{  
    color:rgb(77, 143, 157)  
}
```

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(77, 143, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(77, 143, 157) }
```

## Border

The CSS property to change the border of an element to YUV 124.8620, 15.8440, -41.9750 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(77, 143, 157) }
```



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

```
.border{ border-color:rgb(77, 143, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(77, 143, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(77, 143, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(77, 143, 157);  
box-shadow:4px 4px 4px 4px rgb(77, 143,  
157) }
```

# Background

The CSS property to change the background color of an element to YUV 124.8620, 15.8440, -41.9750 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(77, 143, 157) }
```

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

```
.background{ background-color: rgb(77, 143,  
157) }
```

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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