

# Converting Colors

YUV(142.5090, -9.1249,  
-60.0824)

Have a look what the booklet for  
YUV(142.5090, -9.1249, -60.0824)  
contains.

<b>YUV(142.5090, -9.1249, -60.0824)</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(142.5090, -9.1249,  
-60.0824)**

# Conversions

## Conversions Part 1

Format	Color
Hex	4AB57C
RGB	74, 181, 124
RGB Percent	29%, 71%, 49%
CMY	0.7098, 0.2902, 0.5137
CMYK	0.59, 0.00, 0.31, 0.29
HSL	148°, 42%, 50%
HSV	148°, 59%, 71%
XYZ	22.9860, 35.9588, 24.7980
YIQ	142.5090, -45.4750, -40.4110

# Conversions

## Conversions Part 2

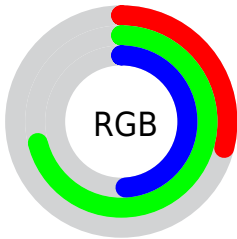
<b>Format</b>	<b>Color</b>
<b>RYB</b>	74, 147, 181
Decimal	4896124
CIELab	66.49, -44.04, 20.08
CIELCh	66, 48.403, 155.485
Yxy	35.9588, 0.2745, 0.4294
Android (android.graphics.Color)	4283086204 (0xFF4AB57C)
YUV	142.5090, -9.1249, -60.0824
Hunter-Lab	59.9657, -36.5174, 17.4574

# Details

The YUV color **142.5090, -9.1249, -60.0824** is a dark color, and the websafe version is hex **66CC99**. A complement of this color would be **112.4910, 9.1249, 60.0824**, and the grayscale version is **143.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **199.3520, -11.0195, -59.0677**, and **83.0990, -3.9928, -72.8778** is the 20% darker color. If you saturate the color by 10%, you get **135.9870, -10.8396, -70.1486**, and if you desaturate by 10%, it is **149.0310, -7.4103, -50.0162**.

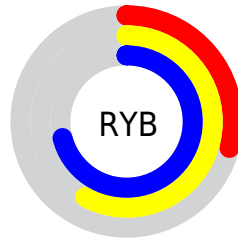
# Distribution



Red (29%)

Green (71%)

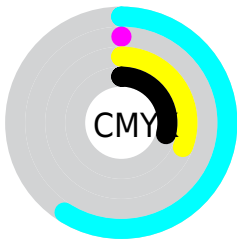
Blue (49%)



Red (29%)

Yellow (58%)

Blue (71%)

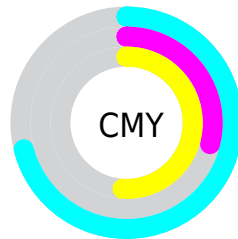


Cyan (59%)

Magenta (0%)

Yellow (31%)

Black (29%)



Cyan (71%)

Magenta (29%)

Yellow (51%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 142.5090, -9.1249, -60.0824 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 142.5090, -9.1249, -60.0824 by changing the saturation by 10% instead.





 142.5090, -9.1249,  
-60.0824


 142.5090, -9.1249,  
-60.0824


255.0000, 0.0000,  
0.0000

 114.2420, -7.5143,  
-63.3562


 199.3520,  
-11.0195, -59.0677

 83.0990, -3.9928,  
-72.8778


 220.7810, -8.2730,  
-53.3049


 65.2150, -6.5150,  
-57.1936


 232.7580, 0.1193,  
-38.3758

 48.0320, -8.8898,  
-42.1241

 243.9370, 5.4541,  
-22.7467

 31.9090, -12.2801,  
-27.9842

 252.9070, 1.0318,  
-4.3034

 18.1970, -8.9711,  
-15.9588

 0.0000, 0.0000,

0.0000

■ 142.5090, -9.1249,  
-60.0824

■ 142.5090, -9.1249,  
-60.0824

■ 135.9870,  
-10.8396, -70.1486

■ 149.0310, -7.4103,  
-50.0162

■ 129.5790,  
-12.1174, -80.3148

■ 155.4390, -6.1324,  
-39.8500

■ 123.0570,  
-13.8321, -90.3810

■ 161.9610, -4.4178,  
-29.7838

■ 116.5350,  
-15.5468, -100.4472

■ 168.4830, -2.7031,  
-19.7176

■ 115.9370,  
-15.2519, -101.6767

■ 175.1900, -1.5727,  
-8.9366

■ 181.7120, 0.1420,  
1.1296

■ 188.1200, 1.4198,  
11.2958

■ 194.6420, 3.1345,  
21.3620

■ 201.1640, 4.8491,  
31.4282

# Harmonies

## Analogous

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



152.2360, -31.6683, -15.9930



142.5090, -9.1249, -60.0824



127.2740, 20.5709, -111.6193

# Triad

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



142.5090, -9.1249, -60.0824



154.7390, 45.9777, -47.1291



161.8270, -24.0717, 67.6807

# Complementary

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



142.5090, -9.1249, -60.0824



112.4910, 9.1249, 60.0824

# 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.



163.4030, -4.1427, 68.9296



142.5090, -9.1249, -60.0824



165.4750, 33.2898, 9.2304

# Square

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



142.5090, -9.1249, -60.0824



130.6720, 53.8987, -114.5993



165.9610, 16.2882, 49.1462



159.6340, -38.2736, 49.4330



# Rectangle

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



142.5090, -9.1249, -60.0824



129.9930, 33.5275, -114.0039



165.9610, 16.2882, 49.1462



162.2710, -17.3886, 70.7993

# Sweetspot

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



142.5090, -9.1249, -60.0824



219.5210, -3.7079, -24.1359



153.8520, -39.3670, -20.0412



107.7440, -1.8458, -14.6845



245.0000, 0.0000, 0.0000



117.0000, 0.0000, 0.0000



# Same Dimension

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



142.5090, -9.1249, -60.0824



174.9210, -14.2581, -93.7697



148.5510, 14.0254, -65.3812



85.7390, -0.8573, -5.0331



97.9050, -13.2642, -85.8627



16.6300, -2.2826, -14.5845



# Inverse Universe

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



112.4910, 9.1249, 60.0824



128.0790, 14.2581, 93.7697



106.4490, -14.0254, 65.3812



83.2610, 0.8573, 5.0331



55.0950, 13.2642, 85.8627



9.3700, 2.2826, 14.5845



# Previews

## White Background



This preview shows how the YUV color 142.5090, -9.1249, -60.0824 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 142.5090, -9.1249, -60.0824 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

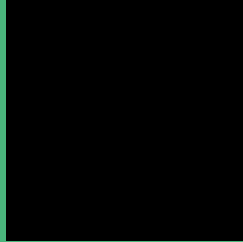
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# YUV 142.5090, -9.1249, -60.0824 Background



This preview shows how black text looks on a background with the YUV color 142.5090, -9.1249, -60.0824.



This preview shows how white text looks on a background with the YUV color 142.5090, -9.1249, -60.0824.

-60.0824.

# 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

142.5090, -9.1249, -60.0824

### Protanopia

158.7570, -21.5722, 12.4911

### Deuteranopia

161.1310, -15.3476, 22.6871



## Tritanopia

150.6760, 17.9077, -50.5819

# Trichromacy



## Original Color

142.5090, -9.1249, -60.0824



## Protanomaly

153.0310, -17.2703, -14.0592



## Deuteranomaly

154.5140, -13.0714, -7.4668



## Tritanomaly

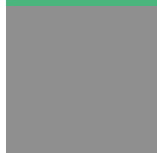
147.7220, 8.0251, -54.1302

# Monochromacy



## Original Color

142.5090, -9.1249, -60.0824



## Achromatopsia

143.0000, 0.0000, 0.0000



## Achromatomaly

142.9450, -3.4239, -21.8768

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 142.5090, -9.1249, -60.0824 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(74, 181, 124)` looks like.

```
.text, #text, p{  
    color:rgb(74, 181, 124)  
}
```

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(74, 181, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(74, 181, 124) }
```

## Border

The CSS property to change the border of an element to YUV 142.5090, -9.1249, -60.0824 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(74, 181, 124) }
```



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

```
.border{ border-color:rgb(74, 181, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(74, 181, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(74, 181, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(74, 181, 124);  
box-shadow:4px 4px 4px 4px rgb(74, 181,  
124) }
```

# Background

The CSS property to change the background color of an element to YUV 142.5090, -9.1249, -60.0824 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(74, 181, 124) }
```

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

```
.background{ background-color: rgb(74, 181,  
124) }
```

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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