

# Converting Colors

YUV(121.1840, -9.4577,  
-46.6424)

Have a look what the booklet for  
YUV(121.1840, -9.4577, -46.6424)  
contains.

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# Color

**YUV(121.1840, -9.4577,  
-46.6424)**

# Conversions

## Conversions Part 1

Format	Color
Hex	449866
RGB	68, 152, 102
RGB Percent	27%, 60%, 40%
CMY	0.7333, 0.4039, 0.6000
CMYK	0.55, 0.00, 0.33, 0.40
HSL	144°, 38%, 43%
HSV	144°, 55%, 60%
XYZ	16.0104, 24.6447, 16.4834
YIQ	121.1840, -34.0140, -33.3580

# Conversions

## Conversions Part 2

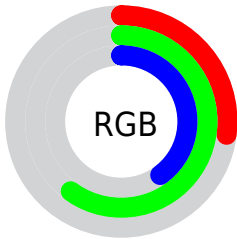
<b>Format</b>	<b>Color</b>
<b>RYB</b>	68, 128, 152
Decimal	4495462
CIELab	56.73, -37.34, 18.80
CIElCh	57, 41.809, 153.278
Yxy	24.6447, 0.2802, 0.4313
Android (android.graphics.Color)	4282685542 (0xFF449866)
YUV	121.1840, -9.4577, -46.6424
Hunter-Lab	49.6435, -29.3084, 15.0640

# Details

The YUV color **121.1840, -9.4577, -46.6424** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **98.8160, 9.4577, 46.6424**, and the grayscale version is **121.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **175.7280, -11.2049, -46.2425**, and **64.9700, -4.9152, -56.9787** is the 20% darker color. If you saturate the color by 10%, you get **115.6730, -11.1778, -54.9642**, and if you desaturate by 10%, it is **126.6950, -7.7376, -38.3205**.

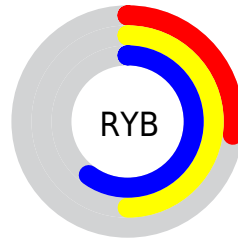
# Distribution



Red (27%)

Green (60%)

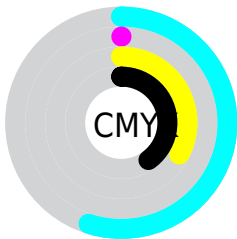
Blue (40%)



Red (27%)

Yellow (50%)

Blue (60%)

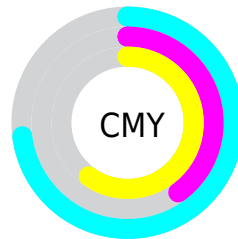


Cyan (55%)

Magenta (0%)

Yellow (33%)

Black (40%)



Cyan (73%)

Magenta (40%)

Yellow (60%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 121.1840, -9.4577, -46.6424 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 121.1840, -9.4577, -46.6424 by changing the saturation by 10% instead.



■ 121.1840, -9.4577,  
-46.6424

■ 121.1840, -9.4577,  
-46.6424

■ 255.0000, 0.0000,  
0.0000

■ 94.5150, -8.1419,  
-48.6867

■ 175.7280,  
-11.2049, -46.2425

■ 64.9700, -4.9152,  
-56.9787

■ 203.3150,  
-11.4943, -46.7573

■ 48.3740, -7.5794,  
-42.4240

■ 226.6190, -9.1792,  
-42.6389

■ 31.7780, -10.2436,  
-27.8693

■ 238.4820, -1.2236,  
-27.6097

■ 18.1970, -8.9711,  
-15.9588

■ 249.3190, 2.8007,  
-11.6808

■ 0.0000, 0.0000,  
0.0000

■ 121.1840, -9.4577,  
-46.6424

■ 121.1840, -9.4577,  
-46.6424

■ 115.6730,  
-11.1778, -54.9642

■ 126.6950, -7.7376,  
-38.3205

■ 110.1620,  
-12.8979, -63.2861

■ 132.2060, -6.0176,  
-29.9987

■ 104.3520,  
-14.4705, -72.2227

■ 138.0160, -4.4449,  
-21.0620

■ 98.8410, -16.1906,  
-80.5446

■ 143.5270, -2.7248,  
-12.7402

■ 96.2920, -16.9060,  
-84.4481

■ 149.0380, -1.0047,  
-4.4183

■ 154.5490, 0.7153,  
3.9035

■ 160.0600, 2.4354,  
12.2254

■ 165.8700, 4.0081,

21.1620

■ 171.3810, 5.7282,  
29.4839

# Harmonies

## Analogous

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



128.7080, -27.4640, -11.1449



121.1840, -9.4577, -46.6424



106.8310, 15.8593, -93.6908

# Triad

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



121.1840, -9.4577, -46.6424



129.3390, 39.2729, -43.2703



136.1400, -18.8030, 57.7592

# Complementary

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



121.1840, -9.4577, -46.6424



98.8160, 9.4577, 46.6424

# 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.



137.4940, -2.2155, 57.4488



121.1840, -9.4577, -46.6424



138.8890, 28.6487, 4.4823

# Square

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



121.1840, -9.4577, -46.6424



109.6760, 44.5297, -96.1859



140.0260, 14.2842, 38.5652



134.7240, -31.4159, 43.2151



# Rectangle

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



121.1840, -9.4577, -46.6424



109.0940, 27.0687, -95.6754



140.0260, 14.2842, 38.5652



137.1170, -13.8617, 59.5334

# Sweetspot

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



121.1840, -9.4577, -46.6424



183.8530, -3.8715, -18.2881



132.2580, -31.6792, -12.5043



92.0650, -2.0040, -10.5810



227.0000, 0.0000, 0.0000



99.0000, 0.0000, 0.0000



# Same Dimension

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



121.1840, -9.4577, -46.6424



148.6510, -14.6179, -71.6079



125.9720, 8.8878, -50.8414



74.0380, -1.0047, -4.4183



88.6780, -15.6173, -77.7706



8.2010, -1.5781, -7.1923



# Inverse Universe

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



98.8160, 9.4577, 46.6424



114.3490, 14.6179, 71.6079



94.0280, -8.8878, 50.8414



71.8480, 0.5679, 4.5183



51.3220, 15.6173, 77.7706



4.7990, 1.5781, 7.1923



# Previews

## White Background



This preview shows how the YUV color 121.1840, -9.4577, -46.6424 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

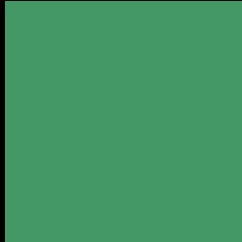
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 121.1840, -9.4577, -46.6424 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 121.1840, -9.4577, -46.6424 Background



This preview shows how black text looks on a background with the YUV color 121.1840, -9.4577, -46.6424.



This preview shows how white text looks on a background with the YUV color 121.1840, -9.4577, -46.6424.



# 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

121.1840, -9.4577, -46.6424

### Protanopia

133.7290, -19.0934, 10.7617

### Deuteranopia

135.7500, -14.1738, 19.5132



## Tritanopia

127.8300, 14.3808, -39.3159

# Trichromacy



## Original Color

121.1840, -9.4577, -46.6424

## Protanomaly

129.2210, -15.3920, -9.8408

## Deuteranomaly

130.3510, -12.4980, -4.6928

## Tritanomaly

125.8160, 5.5137, -41.9346

# Monochromacy



## Original Color

121.1840, -9.4577, -46.6424

## Achromatopsia

121.0000, 0.0000, 0.0000

## Achromatomaly

120.9780, -3.4402, -16.6437

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 121.1840, -9.4577, -46.6424 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(68, 152, 102)` looks like.

```
.text, #text, p{  
    color:rgb(68, 152, 102)  
}
```

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(68, 152, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(68, 152, 102) }
```

## Border

The CSS property to change the border of an element to YUV 121.1840, -9.4577, -46.6424 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(68, 152, 102) }
```



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

```
.border{ border-color:rgb(68, 152, 102) }
```

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

Here you see how a box with a 4 pixel `rgb(68, 152, 102)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(68, 152, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(68, 152, 102);  
box-shadow:4px 4px 4px 4px rgb(68, 152,  
102) }
```

# Background

The CSS property to change the background color of an element to YUV 121.1840, -9.4577, -46.6424 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(68, 152, 102) }
```

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

```
.background{ background-color: rgb(68, 152,  
102) }
```

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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