

# Converting Colors

YUV(217.5060, -57.9305,  
7.4492)

Have a look what the booklet for  
YUV(217.5060, -57.9305, 7.4492)  
contains.

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# Color

**YUV(217.5060, -57.9305,  
7.4492)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E2EC64
RGB	226, 236, 100
RGB Percent	89%, 93%, 39%
CMY	0.1137, 0.0745, 0.6078
CMYK	0.04, 0.00, 0.58, 0.07
HSL	64°, 78%, 66%
HSV	64°, 58%, 93%
XYZ	63.6597, 77.0798, 23.5792
YIQ	217.5060, 37.6960, -44.4160

# Conversions

## Conversions Part 2

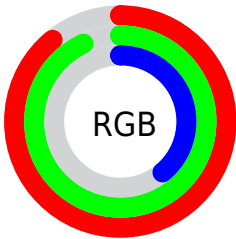
<b>Format</b>	<b>Color</b>
<b>RYB</b>	100, 236, 110
Decimal	14871652
CIELab	90.36, -20.97, 63.27
CIELCh	90, 66.659, 108.339
Yxy	77.0798, 0.3874, 0.4691
Android (android.graphics.Color)	4293061732 (0xFFE2EC64)
YUV	217.5060, -57.9305, 7.4492
Hunter-Lab	87.7951, -24.2120, 45.5330

# Details

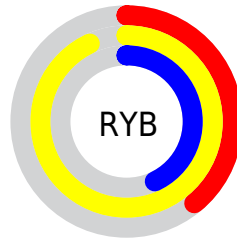
The YUV color  $217.5060, -57.9305, 7.4492$  is a light color, and the websafe version is hex  $FFFF66$ . A complement of this color would be  $118.4940, 57.9305, -7.4492$ , and the grayscale version is  $218.0000, 0.0000, 0.0000$ .

A 20% lighter version of the original color is  $243.6000, -43.6798, 9.9978$ , and  $160.7940, -58.0724, 6.3197$  is the 20% darker color. If you saturate the color by 10%, you get  $214.1720, -68.1188, 8.6192$ , and if you desaturate by 10%, it is  $220.8400, -47.7421, 6.2793$ .

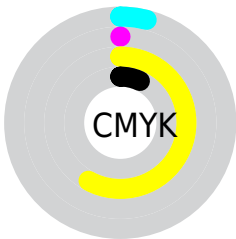
# Distribution



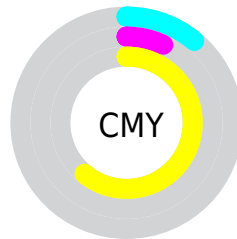
- Red (89%)
- Green (93%)
- Blue (39%)



- Red (39%)
- Yellow (93%)
- Blue (43%)



- Cyan (4%)
- Magenta (0%)
- Yellow (58%)
- Black (7%)



- Cyan (11%)
- Magenta (7%)
- Yellow (61%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 217.5060, -57.9305, 7.4492 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 217.5060, -57.9305, 7.4492 by changing the saturation by 10% instead.



217.5060,  
-57.9305, 7.4492

217.5060,  
-57.9305, 7.4492

255.0000, 0.0000,  
0.0000

189.2070,  
-57.7831, 6.8345

243.6000,  
-43.6798, 9.9978

160.7940,  
-58.0724, 6.3197

246.7920,  
-31.4495, 7.1984

132.3720,  
-64.7664, 6.6898

250.0980,  
-18.7823, 4.2991

108.6240,  
-53.5516, 2.9608

253.4040, -6.1152,  
1.3997

85.8760, -42.3369,  
-0.7683

63.7150, -31.4115,  
-5.0121

42.4400, -20.9229,

-9.1559

■ 21.1430, -10.4235,  
-16.7884

■ 1.1740, -0.5788,  
-1.0296

■ 217.5060,  
-57.9305, 7.4492

■ 217.5060,  
-57.9305, 7.4492

■ 214.1720,  
-68.1188, 8.6192

■ 220.8400,  
-47.7421, 6.2793

■ 211.2510,  
-78.0177, 10.3039

■ 223.7610,  
-37.8432, 4.5946

■ 207.9170,  
-88.2061, 11.4738

■ 227.0950,  
-27.6548, 3.4247

■ 204.6970,  
-97.9576, 12.5437

■ 230.3150,  
-17.9033, 2.3547

■ 204.0130,  
-100.5784, 13.1436

■ 233.6490, -7.7150,  
1.1848

■ 236.6840, 2.6208,  
-0.5999

■ 238.7640, 8.0043,  
-0.6700

■ 239.3620, 7.7095,  
0.5595

■ 239.9600, 7.4147,  
1.7891

# Harmonies

## Analogous

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



213.7360, -56.5648, 36.1885



217.5060, -57.9305, 7.4492



208.0440, -34.0387, -49.1506

# Triad

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



217.5060, -57.9305, 7.4492



178.1680, 37.8782, -156.2533



208.0400, 23.1513, 41.1839

# Complementary

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



217.5060, -57.9305, 7.4492



118.4940, 57.9305, -7.4492

# 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.



219.7800, 17.3635, 30.8879



217.5060, -57.9305, 7.4492



170.5370, 41.6403, -149.5609

# Square

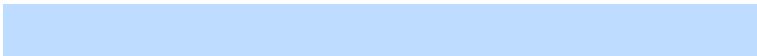
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



217.5060, -57.9305, 7.4492



178.7550, 37.5888, -156.7681



215.0200, 19.7101, -21.9425



200.1570, -4.5144, 48.0973



# Rectangle

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



217.5060, -57.9305, 7.4492



193.8970, -7.8372, -99.8877



215.0200, 19.7101, -21.9425



210.9750, 21.7043, 38.6099

# Sweetspot

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



217.5060, -57.9305, 7.4492



249.2010, -18.3401, 2.4547



145.9470, -22.6519, 78.9765



124.4380, -11.0619, 1.3699



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000



# Same Dimension

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



217.5060, -57.9305, 7.4492



231.0490, -74.9602, 9.6040



197.4730, -48.0542, -33.7408



115.4470, -4.6574, 0.4850



156.4790, -77.1441, 10.1039



46.6480, -22.9975, 2.9397



# Inverse Universe

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



118.4940, 57.9305, -7.4492



102.9510, 74.9602, -9.6040



138.5270, 48.0542, 33.7408



107.2540, 4.8048, -1.0998



24.5210, 77.1441, -10.1039

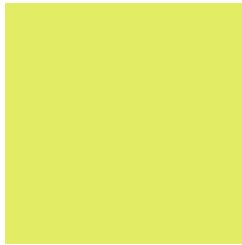


7.3520, 22.9975, -2.9397



# Previews

## White Background



This preview shows how the YUV color 217.5060, -57.9305, 7.4492 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 217.5060, -57.9305, 7.4492 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 217.5060, -57.9305, 7.4492 Background



This preview shows how black text looks on a background with the YUV color 217.5060, -57.9305, 7.4492.



This preview shows how white text looks on a background with the YUV color 217.5060, -57.9305, 7.4492.



# 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

217.5060, -57.9305, 7.4492

### Protanopia

219.9540, -60.6163, 28.9813

### Deuteranopia

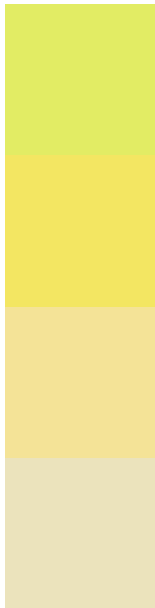
227.0790, -23.2099, 24.4867



## Tritanopia

229.3200, 4.7722, 9.3664

# Trichromacy



## Original Color

217.5060, -57.9305, 7.4492

## Protanomaly

218.8390, -59.5736, 21.1892

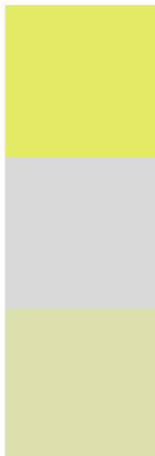
## Deuteranomaly

223.4190, -35.7026, 18.0495

## Tritanomaly

224.9460, -18.2144, 8.8174

# Monochromacy



## Original Color

217.5060, -57.9305, 7.4492

## Achromatopsia

218.0000, 0.0000, 0.0000

## Achromatomaly

218.1040, -21.2503, 2.5398

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 217.5060, -57.9305, 7.4492 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(226, 236, 100)` looks like.

```
.text, #text, p{  
    color:rgb(226, 236, 100)  
}
```

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(226, 236, 100) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 236, 100) }
```

## Border

The CSS property to change the border of an element to YUV 217.5060, -57.9305, 7.4492 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(226, 236, 100) }
```



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

```
.border{ border-color:rgb(226, 236, 100) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 236, 100)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 236, 100); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 236, 100);  
box-shadow:4px 4px 4px 4px rgb(226, 236,  
100) }
```

# Background

The CSS property to change the background color of an element to YUV 217.5060, -57.9305, 7.4492 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 236, 100) }
```

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

```
.background{ background-color: rgb(226,  
236, 100) }
```

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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