

# Converting Colors

YUV(217.9430, -64.0619,  
14.0820)

Have a look what the booklet for  
YUV(217.9430, -64.0619, 14.0820)  
contains.

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# Color

**YUV(217.9430, -64.0619,  
14.0820)**

# Conversions

## Conversions Part 1

Format	Color
Hex	EAEB58
RGB	234, 235, 88
RGB Percent	92%, 92%, 35%
CMY	0.0824, 0.0784, 0.6549
CMYK	0.00, 0.00, 0.63, 0.08
HSL	60°, 79%, 63%
HSV	60°, 63%, 92%
XYZ	65.4015, 77.6137, 20.7664
YIQ	217.9430, 46.5910, -45.9290

# Conversions

## Conversions Part 2

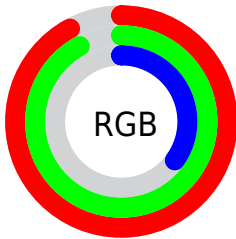
Format	Color
R <sub>Y</sub> B	88, 235, 89
Decimal	15395672
CIE Lab	90.60, -18.08, 68.68
CIE LCh	91, 71.014, 104.746
Yxy	77.6137, 0.3993, 0.4739
Android (android.graphics.Color)	4293585752 (0xFFEAEB58)
YUV	217.9430, -64.0619, 14.0820
Hunter-Lab	88.0986, -21.6602, 47.6933

# Details

The YUV color **217.9430, -64.0619, 14.0820** is a light color, and the websafe version is hex **FFFF66**. The color can be described as light muted yellow. A complement of this color would be **105.0570, 64.0619, -14.0820**, and the grayscale version is **219.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **242.3460, -48.4846, 11.0976**, and **160.2480, -66.6773, 12.9375** is the 20% darker color. If you saturate the color by 10%, you get **215.3210, -74.1083, 16.3815**, and if you desaturate by 10%, it is **220.5650, -54.0155, 11.7825**.

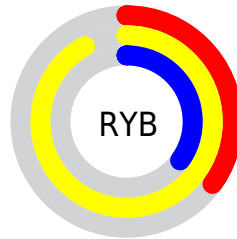
# Distribution



Red (92%)

Green (92%)

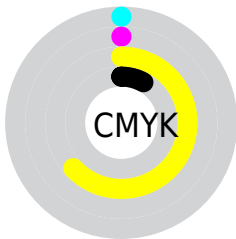
Blue (35%)



Red (35%)

Yellow (92%)

Blue (35%)

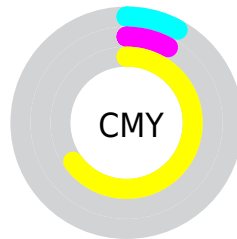


Cyan (0%)

Magenta (0%)

Yellow (63%)

Black (8%)



Cyan (8%)

Magenta (8%)

Yellow (65%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 217.9430, -64.0619, 14.0820 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 217.9430, -64.0619, 14.0820 by changing the saturation by 10% instead.



217.9430,  
-64.0619, 14.0820

217.9430,  
-64.0619, 14.0820

255.0000, 0.0000,  
0.0000

189.2310,  
-64.2039, 12.9524

242.3460,  
-48.4846, 11.0976

160.2480,  
-66.6773, 12.9375

245.5380,  
-36.2542, 8.2982

133.4650,  
-65.7982, 10.9932

248.8440,  
-23.5871, 5.3988

109.8310,  
-54.1467, 7.1642

252.1500,  
-10.9200, 2.4994

87.0830, -42.9319,  
3.4352

64.9220, -32.0065,  
-0.8086

43.3480, -21.3706,

-5.5672

■ 23.2470, -11.4608,  
-10.7406

■ 2.3480, -1.1576,  
-2.0592

■ 217.9430,  
-64.0619, 14.0820

■ 217.9430,  
-64.0619, 14.0820

■ 215.3210,  
-74.1083, 16.3815

■ 220.5650,  
-54.0155, 11.7825

■ 212.5850,  
-84.5914, 18.7810

■ 223.3010,  
-43.5324, 9.3830

■ 209.9630,  
-94.6378, 21.0804

■ 226.0370,  
-33.0492, 6.9836

■ 207.6120,  
-102.3527, 22.2653

■ 228.9580,  
-23.1503, 5.2988

■ 231.5800,  
-13.1039, 2.9993

■ 234.3160, -2.6208,  
0.5999

■ 237.0520, 7.8624,  
-1.7996

■ 237.2800, 8.7360,  
-1.9996

# Harmonies

## Analogous

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



211.2910, -58.3175, 38.3328



217.9430, -64.0619, 14.0820



208.7580, -40.3067, -45.3918

# Triad

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



217.9430, -64.0619, 14.0820



178.7550, 37.5888, -156.7681



206.8660, 23.7301, 42.2135

# Complementary

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



217.9430, -64.0619, 14.0820



105.0570, 64.0619, -14.0820

# 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.



220.3670, 17.0741, 30.3731



217.9430, -64.0619, 14.0820



172.8850, 40.4827, -151.6201

# Square

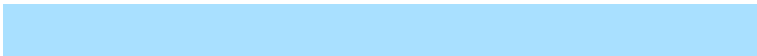
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



217.9430, -64.0619, 14.0820



178.7550, 37.5888, -156.7681



211.0890, 21.6481, -36.9121



197.9060, -0.4467, 50.0714



# Rectangle

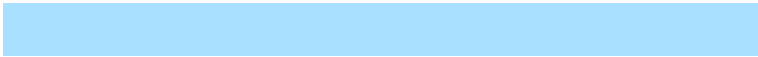
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



217.9430, -64.0619, 14.0820



192.9420, -12.7894, -98.1731



211.0890, 21.6481, -36.9121



210.3880, 21.9937, 39.1247

# Sweetspot

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



217.9430, -64.0619, 14.0820



249.5280, -20.9663, 4.7989



131.9530, -21.6688, 90.3722



124.2810, -12.9565, 2.3846



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.



217.9430, -64.0619, 14.0820



232.9270, -83.2810, 18.4810



196.4150, -53.4486, -30.1820



115.7460, -4.8048, 1.0998



160.0670, -78.9130, 17.4812



47.5450, -23.4397, 4.7840



# Inverse Universe

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



105.0570, 64.0619, -14.0820



86.0730, 83.2810, -18.4810



126.8840, 53.3012, 30.7967



107.2540, 4.8048, -1.0998



20.9330, 78.9130, -17.4812

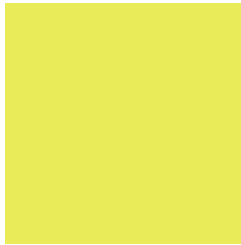


6.1560, 23.5871, -5.3988



# Previews

## White Background



This preview shows how the YUV color 217.9430, -64.0619, 14.0820 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

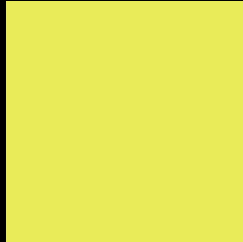
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 217.9430, -64.0619, 14.0820 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 217.9430, -64.0619, 14.0820

## Background



This preview shows how black text looks on a background with the YUV color 217.9430, -64.0619, 14.0820.



This preview shows how white text looks on a background with the YUV color 217.9430, -64.0619, 14.0820.



# 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

217.9430, -64.0619, 14.0820

### Protanopia

219.5860, -65.8579, 30.1811

### Deuteranopia

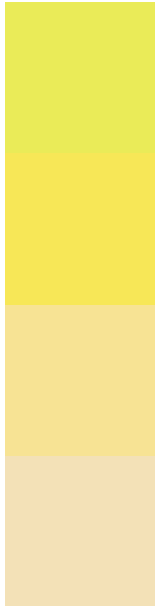
227.8940, -22.6257, 23.7720



## Tritanopia

230.3100, 3.2982, 15.5141

# Trichromacy



## Original Color

217.9430, -64.0619, 14.0820

## Protanomaly

219.3680, -65.2574, 24.2333

## Deuteranomaly

223.9740, -37.4552, 20.1938

## Tritanomaly

225.5940, -20.9988, 15.2651

# Monochromacy



## Original Color

217.9430, -64.0619, 14.0820

## Achromatopsia

218.0000, 0.0000, 0.0000

## Achromatomaly

217.9580, -23.1503, 5.2988

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 217.9430, -64.0619, 14.0820 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(234, 235, 88)` looks like.

```
.text, #text, p{  
    color:rgb(234, 235, 88)  
}
```

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(234, 235, 88) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 235, 88) }
```

## Border

The CSS property to change the border of an element to YUV 217.9430, -64.0619, 14.0820 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(234, 235, 88) }
```



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

```
.border{ border-color:rgb(234, 235, 88) }
```

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

Here you see how a box with a 4 pixel `rgb(234, 235, 88)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 235, 88); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 235, 88);  
box-shadow:4px 4px 4px 4px rgb(234, 235,  
88) }
```

# Background

The CSS property to change the background color of an element to YUV 217.9430, -64.0619, 14.0820 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 235, 88) }
```

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

```
.background{ background-color: rgb(234,  
235, 88) }
```

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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