

# Converting Colors

YUV(215.1280, -64.6461,  
14.7967)

Have a look what the booklet for  
YUV(215.1280, -64.6461, 14.7967)  
contains.

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# Color

**YUV(215.1280, -64.6461,  
14.7967)**

# Conversions

## Conversions Part 1

| Format      | Color                       |
|-------------|-----------------------------|
| Hex         | E8E854                      |
| RGB         | 232, 232, 84                |
| RGB Percent | 91%, 91%, 33%               |
| CMY         | 0.0902, 0.0902, 0.6706      |
| CMYK        | 0.00, 0.00, 0.64, 0.09      |
| HSL         | 60°, 76%, 62%               |
| HSV         | 60°, 64%, 91%               |
| XYZ         | 63.7356, 75.5091, 19.6030   |
| YIQ         | 215.1280, 47.5080, -46.0280 |

# Conversions

## Conversions Part 2

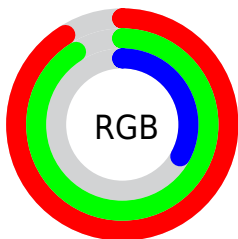
| Format                              | Color                                       |
|-------------------------------------|---|
| <a href="#">RYB</a>                 | <a href="#">84, 232, 84</a>                 |
| Decimal                             | <a href="#">15263828</a>                    |
| CIELab                              | <a href="#">89.63, -17.66, 69.19</a>        |
| CIELCh                              | <a href="#">90, 71.410, 104.322</a>         |
| Yxy                                 | <a href="#">75.5091, 0.4012, 0.4754</a>     |
| Android<br>(android.graphics.Color) | <a href="#">4293453908<br/>(0xFFE8E854)</a> |
| YUV                                 | <a href="#">215.1280, -64.6461, 14.7967</a> |
| Hunter-Lab                          | <a href="#">86.8960, -21.1437, 47.4519</a>  |

# Details

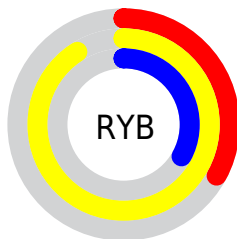
The YUV color **215.1280, -64.6461, 14.7967** is a light color, and the websafe version is hex **FFFF66**. The color can be described as light muted yellow. A complement of this color would be **100.8720, 64.6461, -14.7967**, and the grayscale version is **216.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **241.8900, -50.2318, 11.4975**, and **157.5640, -69.2981, 13.5374** is the 20% darker color. If you saturate the color by 10%, you get **212.5060, -74.6925, 17.0962**, and if you desaturate by 10%, it is **217.7500, -54.5998, 12.4972**.

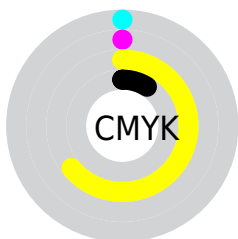
# Distribution



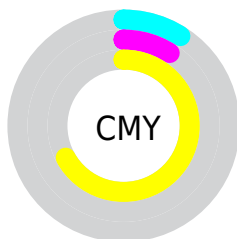
- Red (91%)
- Green (91%)
- Blue (33%)



- Red (33%)
- Yellow (91%)
- Blue (33%)



- Cyan (0%)
- Magenta (0%)
- Yellow (64%)
- Black (9%)



- Cyan (9%)
- Magenta (9%)
- Yellow (67%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 215.1280, -64.6461, 14.7967 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 215.1280, -64.6461, 14.7967 by changing the saturation by 10% instead.



215.1280,  
-64.6461, 14.7967

215.1280,  
-64.6461, 14.7967

255.0000, 0.0000,  
0.0000

186.4160,  
-64.7881, 13.6672

241.8900,  
-50.2318, 11.4975

157.5640,  
-69.2981, 13.5374

245.0820,  
-38.0014, 8.6981

131.1060,  
-64.6353, 11.3080

248.3880,  
-25.3343, 5.7987

107.4720,  
-52.9837, 7.4791

251.6940,  
-12.6671, 2.8994

85.3110, -42.0583,  
3.2353

63.1500, -31.1329,  
-1.0085

41.8750, -20.6444,

-5.1524

■ 21.1760, -10.4398,  
-11.5554

■ 0.0000, 0.0000,  
0.0000

■ 215.1280,  
-64.6461, 14.7967

■ 215.1280,  
-64.6461, 14.7967

■ 212.5060,  
-74.6925, 17.0962

■ 217.7500,  
-54.5998, 12.4972

■ 209.8840,  
-84.7388, 19.3957

■ 220.3720,  
-44.5534, 10.1978

■ 207.1480,  
-95.2220, 21.7952

■ 223.1080,  
-34.0702, 7.7983

■ 205.5520,  
-101.3371, 23.1949

■ 225.7300,  
-24.0239, 5.4988

■ 228.3520,  
-13.9775, 3.1993

■ 230.9740, -3.9312,  
0.8998

■ 233.5960, 6.1152,  
-1.3997

■ 234.6220, 10.0464,  
-2.2995

# Harmonies

## Analogous

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



209.0740, -59.1965, 40.2771



215.1280, -64.6461, 14.7967



205.9430, -40.8909, -44.6770

# Triad

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



215.1280, -64.6461, 14.7967



178.7550, 37.5888, -156.7681



205.1050, 24.5982, 43.7579

# Complementary

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



215.1280, -64.6461, 14.7967



100.8720, 64.6461, -14.7967

# 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.



219.1930, 17.6529, 31.4027



215.1280, -64.6461, 14.7967



171.7110, 41.0615, -150.5905

# Square

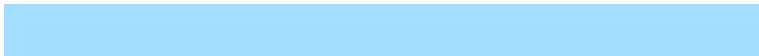
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



215.1280, -64.6461, 14.7967



178.7550, 37.5888, -156.7681



207.8330, 23.2533, -38.4415



195.3300, -0.1627, 52.3306



# Rectangle

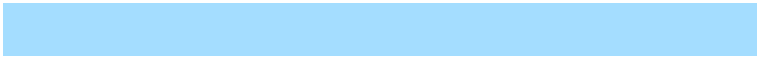
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



215.1280, -64.6461, 14.7967



191.5890, -14.0944, -99.6176



207.8330, 23.2533, -38.4415



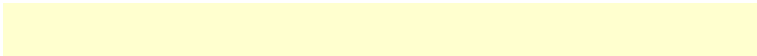
209.2140, 22.5725, 40.1543

# Sweetspot

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



215.1280, -64.6461, 14.7967



249.5280, -20.9663, 4.7989



128.2520, -21.8162, 90.9870



124.5800, -13.1039, 2.9993



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.



215.1280, -64.6461, 14.7967



232.6560, -85.6124, 19.5957



193.0020, -53.7380, -30.6968



113.6320, -5.2416, 1.1997



158.5940, -78.1868, 17.8961



45.1860, -22.2767, 5.0989



# Inverse Universe

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



100.8720, 64.6461, -14.7967



81.3440, 85.6124, -19.5957



122.9980, 53.7380, 30.6968



104.3680, 5.2416, -1.1997



20.4060, 78.1868, -17.8961

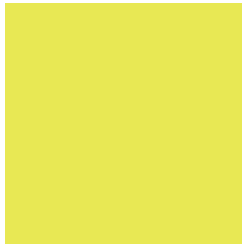


5.8140, 22.2767, -5.0989



# Previews

## White Background



This preview shows how the YUV color 215.1280, -64.6461, 14.7967 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

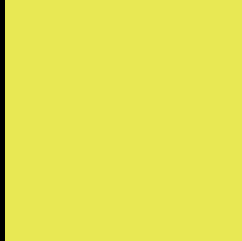
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 215.1280, -64.6461, 14.7967 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 215.1280, -64.6461, 14.7967 Background



This preview shows how black text looks on a background with the YUV color 215.1280, -64.6461, 14.7967.



This preview shows how white text looks on a background with the YUV color 215.1280, -64.6461, 14.7967.



# 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

215.1280, -64.6461, 14.7967

### Protanopia

217.0590, -66.5841, 29.7663

### Deuteranopia

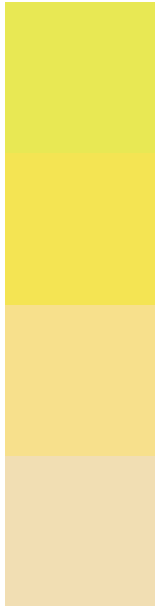
224.9930, -26.1255, 26.3161



## Tritanopia

227.6090, 3.1508, 16.1289

# Trichromacy



## Original Color

215.1280, -64.6461, 14.7967

## Protanomaly

216.2540, -65.6942, 24.3332

## Deuteranomaly

221.3010, -40.0814, 22.5380

## Tritanomaly

222.7790, -21.5830, 15.9798

# Monochromacy



## Original Color

215.1280, -64.6461, 14.7967

## Achromatopsia

215.0000, 0.0000, 0.0000

## Achromatomaly

214.8440, -23.5871, 5.3988

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 215.1280, -64.6461, 14.7967 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(232, 232, 84)` looks like.

```
.text, #text, p{  
    color:rgb(232, 232, 84)  
}
```

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(232, 232, 84) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 232, 84) }
```

## Border

The CSS property to change the border of an element to YUV 215.1280, -64.6461, 14.7967 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(232, 232, 84) }
```



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

```
.border{ border-color:rgb(232, 232, 84) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 232, 84)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 232, 84); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 232, 84);  
box-shadow:4px 4px 4px 4px rgb(232, 232,  
84) }
```

# Background

The CSS property to change the background color of an element to YUV 215.1280, -64.6461, 14.7967 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 232, 84) }
```

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

```
.background{ background-color: rgb(232,  
232, 84) }
```

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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