

# Converting Colors

YUV(214.2600, -64.7112,  
35.7290)

Have a look what the booklet for  
YUV(214.2600, -64.7112, 35.7290)  
contains.

<b>YUV(214.2600, -64.7112, 35.7290)</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(214.2600, -64.7112,  
35.7290)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FFDB53
RGB	255, 219, 83
RGB Percent	100%, 86%, 33%
CMY	0.0000, 0.1412, 0.6745
CMYK	0.00, 0.14, 0.67, 0.00
HSL	47°, 100%, 66%
HSV	47°, 67%, 100%
XYZ	68.1329, 72.5476, 18.5957
YIQ	214.2600, 65.1120, -34.6640

# Conversions

## Conversions Part 2

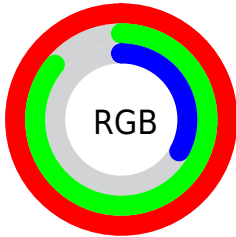
Format	Color
<a href="#">RYB</a>	<a href="#">129, 255, 83</a>
Decimal	<a href="#">16767827</a>
<a href="#">CIELab</a>	<a href="#">88.23, -1.79, 68.75</a>
<a href="#">CIElCh</a>	<a href="#">88, 68.769, 91.492</a>
<a href="#">Yxy</a>	<a href="#">72.5476, 0.4278, 0.4555</a>
<a href="#">Android (android.graphics.Color)</a>	<a href="#">4294957907 (0xFFFFDB53)</a>
<a href="#">YUV</a>	<a href="#">214.2600, -64.7112, 35.7290</a>
<a href="#">Hunter-Lab</a>	<a href="#">85.1749, -6.2708, 46.6780</a>

# Details

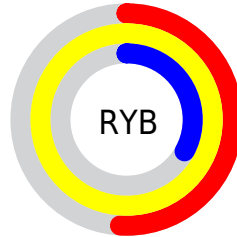
The YUV color  $214.2600, -64.7112, 35.7290$  is a light color, and the websafe version is hex  $\text{FFCC33}$ . The color can be described as light muted yellow. A complement of this color would be  $123.7400, 64.7112, -35.7290$ , and the grayscale version is  $215.0000, 0.0000, 0.0000$ .

A 20% lighter version of the original color is  $241.7760, -50.6686, 11.5974$ , and  $156.6250, -68.3421, 33.6549$  is the 20% darker color. If you saturate the color by 10%, you get  $208.3610, -74.6210, 40.9024$ , and if you desaturate by 10%, it is  $220.0450, -55.2382, 30.6555$ .

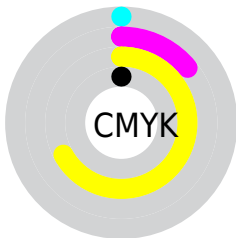
# Distribution



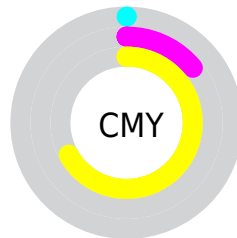
- Red (100%)
- Green (86%)
- Blue (33%)



- Red (51%)
- Yellow (100%)
- Blue (33%)



- Cyan (0%)
- Magenta (14%)
- Yellow (67%)
- Black (0%)



- Cyan (0%)
- Magenta (14%)
- Yellow (67%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 214.2600, -64.7112, 35.7290 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 214.2600, -64.7112, 35.7290 by changing the saturation by 10% instead.



214.2600,  
-64.7112, 35.7290

214.2600,  
-64.7112, 35.7290

255.0000, 0.0000,  
0.0000

185.5480,  
-64.8532, 34.5994

241.7760,  
-50.6686, 11.5974

156.6250,  
-68.3421, 33.6549

244.9680,  
-38.4382, 8.7981

130.3410,  
-64.2581, 30.3959

248.1600,  
-26.2079, 5.9987

106.9950,  
-52.7485, 25.4374

251.4660,  
-13.5407, 3.0993

84.5350, -41.6758,  
20.5788

254.8860, -0.4368,  
0.1000

62.6620, -30.8924,  
15.2054

41.9740, -20.6932,

10.5468

■ 23.0580, -11.3676,  
6.0881

■ 0.0000, 0.0000,  
0.0000

■ 214.2600,  
-64.7112, 35.7290

■ 214.2600,  
-64.7112, 35.7290

■ 208.3610,  
-74.6210, 40.9024

■ 220.0450,  
-55.2382, 30.6555

■ 201.9890,  
-83.8046, 46.4906

■ 226.5310,  
-45.6178, 24.9673

■ 196.2040,  
-93.2776, 51.5641

■ 232.4300,  
-35.7080, 19.7939

■ 194.8190,  
-96.0458, 52.7787

■ 238.2150,  
-26.2350, 14.7204

■ 244.7010,  
-16.6146, 9.0322

■ 250.4860, -7.1416,  
3.9588

255.0000, 0.0000,  
0.0000

# Harmonies

## Analogous

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



202.7940, -47.7194, 45.7847



214.2600, -64.7112, 35.7290



207.1870, -50.8712, -16.8270

# Triad

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



214.2600, -64.7112, 35.7290



177.5810, 38.1676, -155.7385



209.2140, 22.5725, 40.1543

# Complementary

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



214.2600, -64.7112, 35.7290



123.7400, 64.7112, -35.7290

# 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.



216.7020, 18.8809, 10.7853



214.2600, -64.7112, 35.7290



172.2980, 40.7721, -151.1053

# Square

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



214.2600, -64.7112, 35.7290



174.5200, 23.9006, -153.0540



189.5280, 32.2777, -86.4091



197.1200, 11.7728, 50.7608



# Rectangle

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



214.2600, -64.7112, 35.7290



199.6730, -31.3908, -58.4722



189.5280, 32.2777, -86.4091



213.9100, 20.2574, 36.0359

# Sweetspot

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



214.2600, -64.7112, 35.7290



242.7290, -19.0934, 10.7617



138.6460, -9.1925, 102.0425



120.3570, -11.5150, 6.7029



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.



214.2600, -64.7112, 35.7290



206.1610, -77.9734, 42.8318



220.7410, -67.9063, -12.9279



124.7570, -4.8102, 2.8441



145.7460, -71.8528, 39.6878



48.4860, -23.9036, 13.6058



# Inverse Universe

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



123.7400, 64.7112, -35.7290



97.4260, 77.6840, -43.3466



117.2590, 67.9063, 12.9279



117.6560, 5.0996, -2.3293



45.2540, 71.8528, -39.6878



14.9270, 24.1930, -13.0910



# Previews

## White Background



This preview shows how the YUV color 214.2600, -64.7112, 35.7290 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 214.2600, -64.7112, 35.7290 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 214.2600, -64.7112, 35.7290 Background



This preview shows how black text looks on a background with the YUV color 214.2600, -64.7112, 35.7290.



This preview shows how white text looks on a background with the YUV color 214.2600, -64.7112, 35.7290.

35.7290.

# 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

214.2600, -64.7112, 35.7290

### Protanopia

213.7430, -63.9633, 29.1664

### Deuteranopia

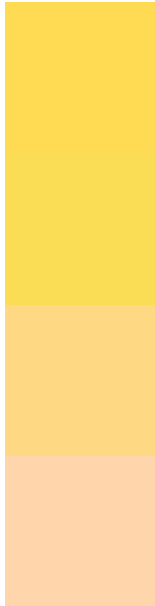
220.6900, -29.9202, 30.0899



## Tritanopia

224.7090, -1.8285, 26.5652

# Trichromacy



## Original Color

214.2600, -64.7112, 35.7290

## Protanomaly

214.0530, -64.1161, 31.5255

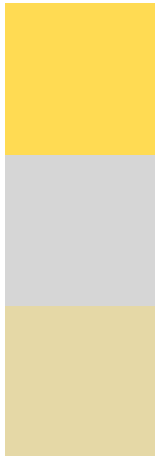
## Deuteranomaly

218.0850, -42.4399, 32.3745

## Tritanomaly

220.7700, -24.5366, 30.0197

# Monochromacy



## Original Color

214.2600, -64.7112, 35.7290

## Achromatopsia

214.0000, 0.0000, 0.0000

## Achromatomaly

214.1870, -23.7562, 12.9910

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 214.2600, -64.7112, 35.7290 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(255, 219, 83)` looks like.

```
.text, #text, p{  
    color:rgb(255, 219, 83)  
}
```

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(255, 219, 83) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 219, 83) }
```

## Border

The CSS property to change the border of an element to YUV 214.2600, -64.7112, 35.7290 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(255, 219, 83) }
```



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

```
.border{ border-color:rgb(255, 219, 83) }
```

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

Here you see how a box with a 4 pixel rgb(255, 219, 83) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 219, 83); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 219, 83);  
box-shadow:4px 4px 4px 4px rgb(255, 219,  
83) }
```

# Background

The CSS property to change the background color of an element to YUV 214.2600, -64.7112, 35.7290 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 219, 83) }
```

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

```
.background{ background-color: rgb(255,  
219, 83) }
```

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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