

# Converting Colors

YUV(213.6960, -62.9541,  
-14.6424)

Have a look what the booklet for  
YUV(213.6960, -62.9541, -14.6424)  
contains.

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# Color

**YUV(213.6960, -62.9541,  
-14.6424)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C5F756
RGB	197, 247, 86
RGB Percent	77%, 97%, 34%
CMY	0.2275, 0.0314, 0.6627
CMYK	0.20, 0.00, 0.65, 0.03
HSL	79°, 91%, 65%
HSV	79°, 65%, 97%
XYZ	57.9664, 79.0637, 21.0098
YIQ	213.6960, 21.8810, -60.6710

# Conversions

## Conversions Part 2

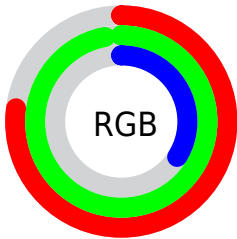
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	86, 247, 136
Decimal	12973910
CIE <sub>Lab</sub>	91.26, -38.32, 69.37
CIE <sub>LCh</sub>	91, 79.248, 118.921
Yxy	79.0637, 0.3668, 0.5003
Android (android.graphics.Color)	4291163990 (0xFFC5F756)
YUV	213.6960, -62.9541, -14.6424
Hunter-Lab	88.9178, -39.2401, 48.2332

# Details

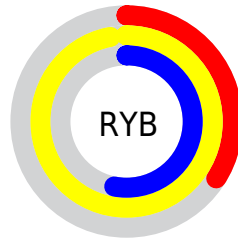
The YUV color **213.6960, -62.9541, -14.6424** is a light color, and the websafe version is hex **CCFF66**. The color can be described as light muted yellow. A complement of this color would be **119.3040, 62.9541, 14.6424**, and the grayscale version is **214.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **242.2320, -48.9214, 11.1975**, and **155.1430, -67.6115, -14.1574** is the 20% darker color. If you saturate the color by 10%, you get **208.4540, -72.6948, -17.0612**, and if you desaturate by 10%, it is **218.9380, -53.2134, -12.2236**.

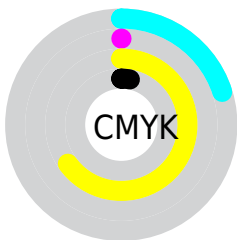
# Distribution



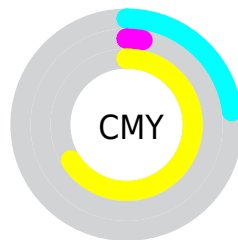
- Red (77%)
- Green (97%)
- Blue (34%)



- Red (34%)
- Yellow (97%)
- Blue (53%)



- Cyan (20%)
- Magenta (0%)
- Yellow (65%)
- Black (3%)



- Cyan (23%)
- Magenta (3%)
- Yellow (66%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 213.6960, -62.9541, -14.6424 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 213.6960, -62.9541, -14.6424 by changing the saturation by 10% instead.



213.6960,  
-62.9541, -14.6424

213.6960,  
-62.9541, -14.6424

255.0000, 0.0000,  
0.0000

184.5820,  
-63.3909, -14.5424

242.2320,  
-48.9214, 11.1975

155.1430,  
-67.6115, -14.1574

245.4240,  
-36.6910, 8.3982

128.8700,  
-63.5329, -15.6720

248.7300,  
-24.0239, 5.4988

105.2360,  
-51.8813, -19.5010

252.0360,  
-11.3567, 2.5994

81.6020, -40.2298,  
-23.3300

56.7610, -27.9832,  
-31.3624

36.3940, -17.9422,

-31.9175

■ 24.0670, -11.8650,  
-21.1068

■ 5.2830, -2.6045,  
-4.6332

■ 213.6960,  
-62.9541, -14.6424

■ 213.6960,  
-62.9541, -14.6424

■ 208.4540,  
-72.6948, -17.0612

■ 218.9380,  
-53.2134, -12.2236

■ 203.6250,  
-82.1461, -18.9651

■ 223.7670,  
-43.7621, -10.3197

■ 198.3830,  
-91.8868, -21.3839

■ 229.0090,  
-34.0214, -7.9009

■ 195.8190,  
-96.5388, -22.6433

■ 234.2510,  
-24.2807, -5.4821

239.1940,  
-14.3926, -3.6781

244.3220, -5.0887,  
-1.1594

249.1080, 2.9048,  
1.6593

250.3040, 2.3151,  
4.1184

# Harmonies

## Analogous

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



215.6160, -74.7467, 34.5398



213.6960, -62.9541, -14.6424



192.5700, -21.9730, -92.5849

# Triad

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



213.6960, -62.9541, -14.6424



178.7550, 37.5888, -156.7681



197.0690, 19.1930, 50.8055

# Complementary

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



213.6960, -62.9541, -14.6424



119.3040, 62.9541, 14.6424

# 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.



210.3880, 21.9937, 39.1247



213.6960, -62.9541, -14.6424



169.3630, 42.2190, -148.5314

# Square

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



213.6960, -62.9541, -14.6424



178.7550, 37.5888, -156.7681



220.5010, 17.0080, 4.8226



193.2150, -15.8820, 54.1854



# Rectangle

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



213.6960, -62.9541, -14.6424



172.2570, 12.6913, -151.0694



220.5010, 17.0080, 4.8226



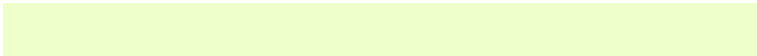
200.9960, 26.6240, 47.3615

# Sweetspot

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



213.6960, -62.9541, -14.6424



244.4020, -19.9182, -4.7376



162.3150, -37.6233, 74.2687



121.4760, -12.0667, -3.0485



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.



213.6960, -62.9541, -14.6424



213.7760, -77.7836, -18.2206



190.0750, -51.3090, -63.2098



119.7350, -4.7994, -0.6446



147.4540, -72.6948, -17.0612



46.5930, -22.9703, -5.7821



# Inverse Universe

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



119.3040, 62.9541, 14.6424



97.2240, 77.7836, 18.2206



142.9250, 51.3090, 63.2098



112.5640, 4.6519, 1.2594



38.5460, 72.6948, 17.0612

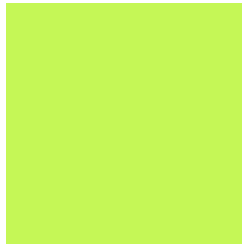


12.1080, 23.1178, 5.1673



# Previews

## White Background



This preview shows how the YUV color 213.6960, -62.9541, -14.6424 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 213.6960, -62.9541, -14.6424 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

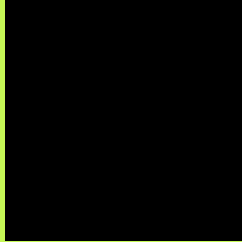
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

# YUV 213.6960, -62.9541, -14.6424 Background



This preview shows how black text looks on a background with the YUV color 213.6960, -62.9541, -14.6424.



This preview shows how white text looks on a background with the YUV color 213.6960, -62.9541, -14.6424.

-14.6424.

# 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

213.6960, -62.9541, -14.6424

### Protanopia

222.0850, -62.6529, 28.8665

### Deuteranopia

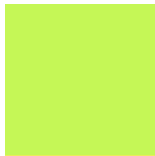
228.9370, -21.1679, 22.8573



## Tritanopia

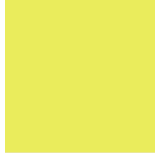
228.5670, 10.0735, -11.0213

# Trichromacy



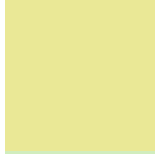
## Original Color

213.6960, -62.9541, -14.6424



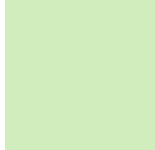
## Protanomaly

218.9860, -62.6041, 13.1673



## Deuteranomaly

223.2500, -36.1122, 9.4278



## Tritanomaly

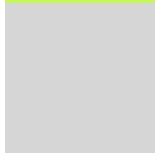
223.2700, -16.4021, -12.5148

# Monochromacy



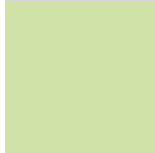
## Original Color

213.6960, -62.9541, -14.6424



## Achromatopsia

214.0000, 0.0000, 0.0000



## Achromatomaly

213.8920, -23.1178, -5.1673

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 213.6960, -62.9541, -14.6424 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(197, 247, 86)` looks like.

```
.text, #text, p{  
    color:rgb(197, 247, 86)  
}
```

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(197, 247, 86) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 247, 86) }
```

## Border

The CSS property to change the border of an element to YUV 213.6960, -62.9541, -14.6424 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(197, 247, 86) }
```



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

```
.border{ border-color:rgb(197, 247, 86) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 247, 86)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 247, 86); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 247, 86);  
box-shadow:4px 4px 4px 4px rgb(197, 247,  
86) }
```

# Background

The CSS property to change the background color of an element to YUV 213.6960, -62.9541, -14.6424 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 247, 86) }
```

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

```
.background{ background-color: rgb(197,  
247, 86) }
```

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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