

# Converting Colors

YUV(206.8230, -55.1287,  
42.2512)

Have a look what the booklet for  
YUV(206.8230, -55.1287, 42.2512)  
contains.

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# Color

**YUV(206.8230, -55.1287,  
42.2512)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FFCC5F
RGB	255, 204, 95
RGB Percent	100%, 80%, 37%
CMY	0.0000, 0.2000, 0.6275
CMYK	0.00, 0.20, 0.63, 0.00
HSL	41°, 100%, 69%
HSV	41°, 63%, 100%
XYZ	64.8984, 65.2720, 20.0047
YIQ	206.8230, 65.3850, -23.0870

# Conversions

## Conversions Part 2

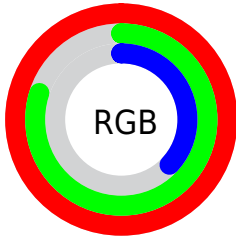
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	170, 255, 95
Decimal	16763999
CIE <sub>Lab</sub>	84.62, 6.56, 59.79
CIE <sub>LCh</sub>	85, 60.150, 83.735
Yxy	65.2720, 0.4322, 0.4346
Android (android.graphics.Color)	4294954079 (0xFFFFCC5F)
YUV	206.8230, -55.1287, 42.2512
Hunter-Lab	80.7911, 2.0024, 41.8729

# Details

The YUV color **206.8230, -55.1287, 42.2512** is a light color, and the websafe version is hex **FFCC66**. The color can be described as light muted yellow. A complement of this color would be **143.1770, 55.1287, -42.2512**, and the grayscale version is **207.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **242.9160, -46.3006, 10.5977**, and **151.0290, -54.2443, 38.5626** is the 20% darker color. If you saturate the color by 10%, you get **199.1630, -64.1704, 48.9690**, and if you desaturate by 10%, it is **214.4830, -46.0871, 35.5334**.

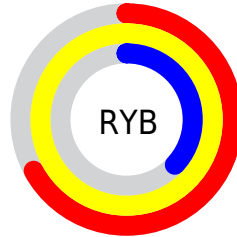
# Distribution



Red (100%)

Green (80%)

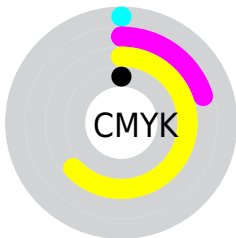
Blue (37%)



Red (67%)

Yellow (100%)

Blue (37%)

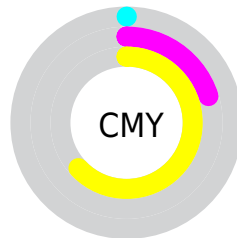


Cyan (0%)

Magenta (20%)

Yellow (63%)

Black (0%)



Cyan (0%)

Magenta (20%)

Yellow (63%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 206.8230, -55.1287, 42.2512 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 206.8230, -55.1287, 42.2512 by changing the saturation by 10% instead.



206.8230,  
-55.1287, 42.2512

206.8230,  
-55.1287, 42.2512

255.0000, 0.0000,  
0.0000

178.9260,  
-54.6865, 40.4069

242.9160,  
-46.3006, 10.5977

151.0290,  
-54.2443, 38.5626

246.1080,  
-34.0702, 7.7983

122.4650,  
-58.8962, 37.3032

249.3000,  
-21.8399, 4.9989

99.3640, -48.9865,  
32.1298

252.6060, -9.1728,  
2.0995

77.2030, -38.0611,  
27.8860

55.9170, -27.5671,  
21.9978

35.5170, -17.5099,

16.2096

■ 15.4270, -7.6055,  
12.7805

■ 0.0000, 0.0000,  
0.0000

■ 206.8230,  
-55.1287, 42.2512

■ 206.8230,  
-55.1287, 42.2512

■ 199.1630,  
-64.1704, 48.9690

■ 214.4830,  
-46.0871, 35.5334

■ 191.6170,  
-72.7752, 55.5869

■ 222.0290,  
-37.4823, 28.9156

■ 183.9570,  
-81.8168, 62.3047

■ 229.6890,  
-28.4407, 22.1977

■ 178.3830,  
-87.9428, 67.1931

■ 237.8220,  
-20.1252, 15.0651

■ 245.4820,  
-11.0836, 8.3473

■ 253.0280, -2.4788,  
1.7294

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.



197.4600, -37.6948, 50.4626



206.8230, -55.1287, 42.2512



201.8560, -48.7360, -1.6277

# Triad

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



206.8230, -55.1287, 42.2512



169.9500, 41.9297, -149.0461



210.3880, 21.9937, 39.1247

# Complementary

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



206.8230, -55.1287, 42.2512



143.1770, 55.1287, -42.2512

# 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.



205.6610, 24.3241, -8.4727



206.8230, -55.1287, 42.2512



166.4280, 43.6660, -145.9574

# Square

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



206.8230, -55.1287, 42.2512



162.7510, 16.8848, -142.7326



178.8300, 37.5518, -98.0749



198.2770, 13.6674, 49.7461



# Rectangle

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



206.8230, -55.1287, 42.2512



196.0180, -34.5189, -35.0958



178.8300, 37.5518, -98.0749



212.7030, 20.8524, 31.8325

# Sweetspot

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



206.8230, -55.1287, 42.2512



240.7230, -16.6254, 12.5209



148.8820, -0.4348, 93.0655



118.7100, -10.2100, 8.1473



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.



206.8230, -55.1287, 42.2512



197.4190, -65.7756, 50.4985



228.6870, -65.9077, -0.6025



123.5830, -4.2314, 3.8737



133.4190, -65.7756, 50.4985



44.3770, -21.8779, 17.2094



# Inverse Universe

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



143.1770, 55.1287, -42.2512



121.5810, 65.7756, -50.4985



121.3130, 65.9077, 0.6025



118.8300, 4.5208, -3.3589



57.5810, 65.7756, -50.4985



19.0360, 22.1673, -16.6946



# Previews

## White Background



This preview shows how the YUV color 206.8230, -55.1287, 42.2512 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 206.8230, -55.1287, 42.2512 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 206.8230, -55.1287, 42.2512 Background



This preview shows how black text looks on a background with the YUV color 206.8230, -55.1287, 42.2512.



This preview shows how white text looks on a background with the YUV color 206.8230, -55.1287, 42.2512.



# 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

206.8230, -55.1287, 42.2512

### Protanopia

205.7670, -53.6221, 25.6373

### Deuteranopia

209.3140, -43.0458, 40.0666



## Tritanopia

215.0090, -3.4554, 35.0721

# Trichromacy



## Original Color

206.8230, -55.1287, 42.2512

## Protanomaly

205.9850, -54.2226, 31.5852

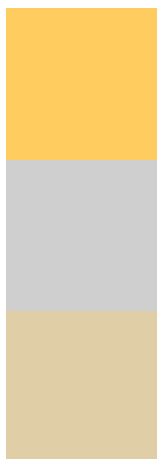
## Deuteranomaly

208.1740, -47.4138, 41.0664

## Tritanomaly

212.0960, -22.2323, 37.6268

# Monochromacy



## Original Color

206.8230, -55.1287, 42.2512

## Achromatopsia

207.0000, 0.0000, 0.0000

## Achromatomaly

206.8220, -20.1252, 15.0651

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 206.8230, -55.1287, 42.2512 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, 204, 95)` looks like.

```
.text, #text, p{  
    color:rgb(255, 204, 95)  
}
```

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, 204, 95) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 204, 95) }
```

## Border

The CSS property to change the border of an element to YUV 206.8230, -55.1287, 42.2512 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, 204, 95) }
```



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

```
.border{ border-color:rgb(255, 204, 95) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 204, 95)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 204, 95); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 204, 95);  
box-shadow:4px 4px 4px 4px rgb(255, 204,  
95) }
```

# Background

The CSS property to change the background color of an element to YUV 206.8230, -55.1287, 42.2512 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 204, 95) }
```

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

```
.background{ background-color: rgb(255,  
204, 95) }
```

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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