

# Converting Colors

YUV(205.6780, -41.7463,  
43.2554)

Have a look what the booklet for  
YUV(205.6780, -41.7463, 43.2554)  
contains.

<b>YUV(205.6780, -41.7463, 43.2554)</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(205.6780, -41.7463,  
43.2554)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FFC579
RGB	255, 197, 121
RGB Percent	100%, 77%, 47%
CMY	0.0000, 0.2275, 0.5255
CMYK	0.00, 0.23, 0.53, 0.00
HSL	34°, 100%, 74%
HSV	34°, 53%, 100%
XYZ	64.6574, 62.5730, 26.7591
YIQ	205.6780, 58.9640, -11.3400

# Conversions

## Conversions Part 2

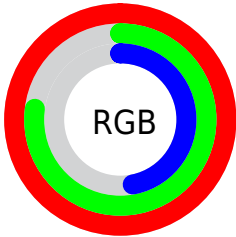
Format	Color
<b>R<sub>YB</sub></b>	223, 255, 121
Decimal	16762233
CIE <sub>Lab</sub>	83.22, 12.08, 45.79
CIE <sub>LCh</sub>	83, 47.355, 75.220
Yxy	62.5730, 0.4199, 0.4063
Android (android.graphics.Color)	4294952313 (0xFFFFC579)
YUV	205.6780, -41.7463, 43.2554
Hunter-Lab	79.1031, 7.4723, 35.3154

# Details

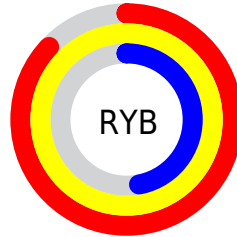
The YUV color  $205.6780, -41.7463, 43.2554$  is a light color, and the websafe version is hex  $\text{FFCC66}$ . A complement of this color would be  $170.3220, 41.7463, -43.2554$ , and the grayscale version is  $206.0000, 0.0000, 0.0000$ .

A 20% lighter version of the original color is  $245.2930, -34.6544, 8.5130$ , and  $150.2260, -39.5514, 39.2668$  is the 20% darker color. If you saturate the color by 10%, you get  $196.3710, -49.4829, 51.4176$ , and if you desaturate by 10%, it is  $215.0990, -33.5728, 34.9932$ .

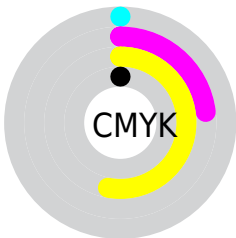
# Distribution



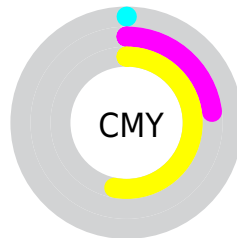
- Red (100%)
- Green (77%)
- Blue (47%)



- Red (87%)
- Yellow (100%)
- Blue (47%)



- Cyan (0%)
- Magenta (23%)
- Yellow (53%)
- Black (0%)



- Cyan (0%)
- Magenta (23%)
- Yellow (53%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 205.6780, -41.7463, 43.2554 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 205.6780, -41.7463, 43.2554 by changing the saturation by 10% instead.



205.6780,  
-41.7463, 43.2554

205.6780,  
-41.7463, 43.2554

255.0000, 0.0000,  
0.0000

177.8950,  
-40.8672, 41.3111

245.2930,  
-34.6544, 8.5130

150.2260,  
-39.5514, 39.2668

248.9580,  
-23.1503, 5.2988

124.0300,  
-38.9618, 36.8077

252.2640,  
-10.4832, 2.3995

98.0190, -38.9564,  
35.0633

73.9800, -36.4721,  
31.5895

52.4060, -25.8362,  
26.8309

32.0060, -15.7790,

21.0427

■ 11.0410, -5.4432,  
19.2580

■ 0.0000, 0.0000,  
0.0000

■ 205.6780,  
-41.7463, 43.2554

■ 205.6780,  
-41.7463, 43.2554

■ 196.3710,  
-49.4829, 51.4176

■ 215.0990,  
-33.5728, 34.9932

■ 186.9500,  
-57.6563, 59.6799

■ 224.4060,  
-25.8362, 26.8309

■ 177.5290,  
-65.8298, 67.9421

■ 233.7130,  
-18.0995, 18.6687

■ 168.2220,  
-73.5664, 76.1043

■ 243.1340, -9.9261,  
10.4065

161.3600,  
-79.5505, 82.1223

252.5550, -1.7526,  
2.1443

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.



199.7230, -26.4854, 48.4779



205.6780, -41.7463, 43.2554



201.8110, -40.3328, 9.8128

# Triad

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



205.6780, -41.7463, 43.2554



161.7030, 33.1774, -141.8135



210.8980, 21.7423, 26.3995

# Complementary

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



205.6780, -41.7463, 43.2554



170.3220, 41.7463, -43.2554

# 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.



202.0400, 26.1093, -21.0831



205.6780, -41.7463, 43.2554



162.3190, 45.6917, -142.3538

# Square

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



205.6780, -41.7463, 43.2554



186.3810, -1.6668, -72.2481



185.4410, 34.2926, -79.3168



205.3040, 12.6681, 43.5834



# Rectangle

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



205.6780, -41.7463, 43.2554



198.4210, -32.2526, -15.2782



185.4410, 34.2926, -79.3168



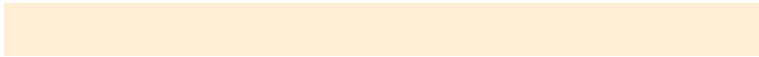
208.7390, 22.8067, 11.6299

# Sweetspot

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



205.6780, -41.7463, 43.2554



239.7600, -12.6997, 13.3655



167.6780, 5.5817, 76.5814



118.6930, -7.7366, 8.1622



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.



205.6780, -41.7463, 43.2554



195.5560, -50.0671, 52.1324



237.0330, -57.2043, 7.8641



122.9960, -3.9420, 4.3885



120.5050, -59.4090, 61.8241



40.2680, -19.8521, 20.8130



# Inverse Universe

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



170.3220, 41.7463, -43.2554



153.4440, 50.0671, -52.1324



138.9670, 57.2043, -7.8641



119.4170, 4.2314, -3.8737



70.4950, 59.4090, -61.8241



23.7320, 19.8521, -20.8130



# Previews

## White Background



This preview shows how the YUV color 205.6780, -41.7463, 43.2554 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 205.6780, -41.7463, 43.2554 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 205.6780, -41.7463, 43.2554 Background



This preview shows how black text looks on a background with the YUV color 205.6780, -41.7463, 43.2554.



This preview shows how white text looks on a background with the YUV color 205.6780, -41.7463,



# 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

205.6780, -41.7463, 43.2554

### Protanopia

204.2190, -39.0550, 19.9789

### Deuteranopia

205.6670, -41.7408, 41.5110



## Tritanopia

210.8030, -4.3399, 38.7608

# Trichromacy



## Original Color

205.6780, -41.7463, 43.2554

## Protanomaly

204.7470, -39.8083, 28.2859

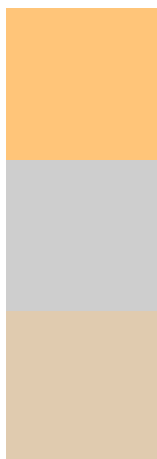
## Deuteranomaly

205.9660, -41.8882, 42.1258

## Tritanomaly

209.2580, -17.8752, 40.1157

# Monochromacy



## Original Color

205.6780, -41.7463, 43.2554

## Achromatopsia

206.0000, 0.0000, 0.0000

## Achromatomaly

206.0870, -15.3259, 15.7097

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 205.6780, -41.7463, 43.2554 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, 197, 121)` looks like.

```
.text, #text, p{  
    color:rgb(255, 197, 121)  
}
```

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, 197, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 197, 121) }
```

## Border

The CSS property to change the border of an element to YUV 205.6780, -41.7463, 43.2554 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, 197, 121) }
```



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

```
.border{ border-color:rgb(255, 197, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 197, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 197, 121); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 197, 121); box-shadow:4px 4px 4px 4px rgb(255, 197, 121) }
```

# Background

The CSS property to change the background color of an element to YUV 205.6780, -41.7463, 43.2554 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 197, 121) }
```

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

```
.background{ background-color: rgb(255,  
197, 121) }
```

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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