

# Converting Colors

YUV(206.5100, -43.6354,  
42.5257)

Have a look what the booklet for  
YUV(206.5100, -43.6354, 42.5257)  
contains.

<b>YUV(206.5100, -43.6354, 42.5257)</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(206.5100, -43.6354,  
42.5257)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FFC776
RGB	255, 199, 118
RGB Percent	100%, 78%, 46%
CMY	0.0000, 0.2196, 0.5373
CMYK	0.00, 0.22, 0.54, 0.00
HSL	35°, 100%, 73%
HSV	35°, 54%, 100%
XYZ	64.9334, 63.4149, 25.9575
YIQ	206.5100, 59.3770, -13.3190

# Conversions

## Conversions Part 2

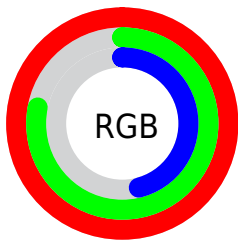
Format	Color
<a href="#">RYB</a>	<a href="#">213, 255, 118</a>
Decimal	<a href="#">16762742</a>
CIELab	<a href="#">83.66, 10.80, 47.82</a>
CIELCh	<a href="#">84, 49.019, 77.277</a>
Yxy	<a href="#">63.4149, 0.4208, 0.4110</a>
Android (android.graphics.Color)	<a href="#">4294952822</a> ( <a href="#">0xFFFFC776</a> )
YUV	<a href="#">206.5100, -43.6354, 42.5257</a>
Hunter-Lab	<a href="#">79.6334, 6.1911, 36.4171</a>

# Details

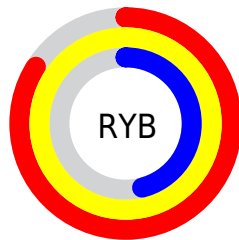
The YUV color  $206.5100, -43.6354, 42.5257$  is a light color, and the websafe version is hex  $\text{FFCC66}$ . A complement of this color would be  $166.4900, 43.6354, -42.5257$ , and the grayscale version is  $207.0000, 0.0000, 0.0000$ .

A 20% lighter version of the original color is  $245.5380, -36.2542, 8.2982$ , and  $151.0580, -41.4406, 38.5371$  is the 20% darker color. If you saturate the color by 10%, you get  $197.7900, -51.6615, 50.1732$ , and if you desaturate by 10%, it is  $215.3440, -35.1726, 34.7783$ .

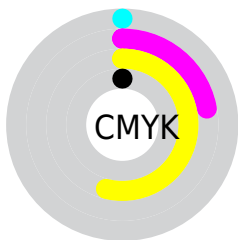
# Distribution



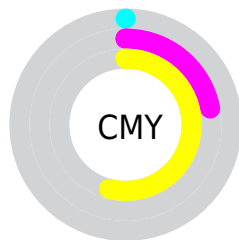
- Red (100%)
- Green (78%)
- Blue (46%)



- Red (84%)
- Yellow (100%)
- Blue (46%)



- Cyan (0%)
- Magenta (22%)
- Yellow (54%)
- Black (0%)



- Cyan (0%)
- Magenta (22%)
- Yellow (54%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 206.5100, -43.6354, 42.5257 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 206.5100, -43.6354, 42.5257 by changing the saturation by 10% instead.



206.5100,  
-43.6354, 42.5257

206.5100,  
-43.6354, 42.5257

255.0000, 0.0000,  
0.0000

178.7270,  
-42.7564, 40.5814

245.5380,  
-36.2542, 8.2982

151.0580,  
-41.4406, 38.5371

248.6160,  
-24.4607, 5.5988

124.8620,  
-40.8510, 36.0780

251.9220,  
-11.7935, 2.6994

98.6230, -41.7191,  
34.5336

74.5670, -36.7615,  
31.0747

53.5800, -26.4149,  
25.8013

33.1800, -16.3577,

20.0131

■ 11.9160, -5.8746,  
17.6137

■ 0.0000, 0.0000,  
0.0000

■ 206.5100,  
-43.6354, 42.5257

■ 206.5100,  
-43.6354, 42.5257

■ 197.7900,  
-51.6615, 50.1732

■ 215.3440,  
-35.1726, 34.7783

■ 188.3690,  
-59.8349, 58.4354

■ 224.6510,  
-27.4359, 26.6161

■ 179.6490,  
-67.8610, 66.0828

■ 233.4850,  
-18.9731, 18.8687

■ 170.2280,  
-76.0344, 74.3450

■ 242.7920,  
-11.2365, 10.7064

164.8820,  
-81.2868, 79.0335

251.6260, -2.7736,  
2.9590

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.



199.9680, -28.0852, 48.2631



206.5100, -43.6354, 42.5257



202.1590, -41.4904, 7.7536

# Triad

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



206.5100, -43.6354, 42.5257



163.4470, 34.7826, -143.3430



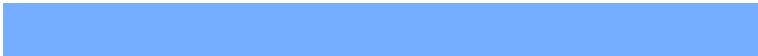
212.6920, 20.8578, 30.0881

# Complementary

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



206.5100, -43.6354, 42.5257



166.4900, 43.6354, -42.5257

# 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.



203.5350, 25.3722, -18.0092



206.5100, -43.6354, 42.5257



163.4930, 45.1130, -143.3834

# Square

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



206.5100, -43.6354, 42.5257



185.6080, 0.6863, -80.3402



186.3270, 33.8558, -79.2168



204.6030, 12.5207, 44.1982



# Rectangle

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



206.5100, -43.6354, 42.5257



198.3990, -32.2417, -18.7669



186.3270, 33.8558, -79.2168



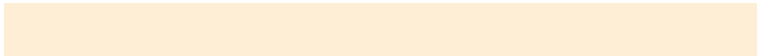
209.9460, 22.2116, 15.8334

# Sweetspot

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



206.5100, -43.6354, 42.5257



240.3470, -12.9891, 12.8507



165.4610, 4.7027, 78.5257



119.2800, -8.0260, 7.6474



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.



206.5100, -43.6354, 42.5257



197.0890, -51.8089, 50.7879



236.0930, -58.2198, 6.9344



122.9960, -3.9420, 4.3885



123.4400, -60.8559, 59.2501

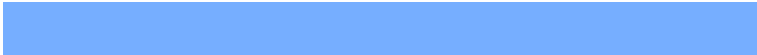


41.4420, -20.4309, 19.7834



# Inverse Universe

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



166.4900, 43.6354, -42.5257



149.9110, 51.8089, -50.7879



136.9070, 58.2198, -6.9344



119.4170, 4.2314, -3.8737



67.5600, 60.8559, -59.2501



22.5580, 20.4309, -19.7834



# Previews

## White Background



This preview shows how the YUV color 206.5100, -43.6354, 42.5257 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 206.5100, -43.6354, 42.5257 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 206.5100, -43.6354, 42.5257 Background



This preview shows how black text looks on a background with the YUV color 206.5100, -43.6354, 42.5257.



This preview shows how white text looks on a background with the YUV color 206.5100, -43.6354,



# 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

206.5100, -43.6354, 42.5257

### Protanopia

205.0620, -40.9496, 20.9936

### Deuteranopia

206.5100, -43.6354, 42.5257



## Tritanopia

212.2050, -4.0451, 37.5312

# Trichromacy



## Original Color

206.5100, -43.6354, 42.5257

## Protanomaly

205.2910, -41.5555, 28.6858

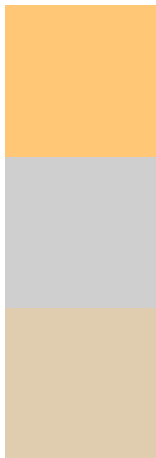
## Deuteranomaly

206.5100, -43.6354, 42.5257

## Tritanomaly

210.4320, -18.4540, 39.0861

# Monochromacy



## Original Color

206.5100, -43.6354, 42.5257

## Achromatopsia

207.0000, 0.0000, 0.0000

## Achromatomaly

206.6740, -15.6153, 15.1949

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 206.5100, -43.6354, 42.5257 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, 199, 118)` looks like.

```
.text, #text, p{  
    color:rgb(255, 199, 118)  
}
```

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, 199, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 199, 118) }
```

## Border

The CSS property to change the border of an element to YUV 206.5100, -43.6354, 42.5257 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, 199, 118) }
```



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

```
.border{ border-color:rgb(255, 199, 118) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 199, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 199, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 199, 118);  
box-shadow:4px 4px 4px 4px rgb(255, 199,  
118) }
```

# Background

The CSS property to change the background color of an element to YUV 206.5100, -43.6354, 42.5257 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 199, 118) }
```

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

```
.background{ background-color: rgb(255,  
199, 118) }
```

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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