

# Converting Colors

YUV(207.5090, -42.1559,  
34.6336)

Have a look what the booklet for  
YUV(207.5090, -42.1559, 34.6336)  
contains.

<b>YUV(207.5090, -42.1559, 34.6336)</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(207.5090, -42.1559,  
34.6336)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F7CC7A
RGB	247, 204, 122
RGB Percent	97%, 80%, 48%
CMY	0.0314, 0.2000, 0.5216
CMYK	0.00, 0.17, 0.51, 0.03
HSL	39°, 89%, 72%
HSV	39°, 51%, 97%
XYZ	63.4635, 64.3650, 27.4912
YIQ	207.5090, 51.9500, -16.3860

# Conversions

## Conversions Part 2

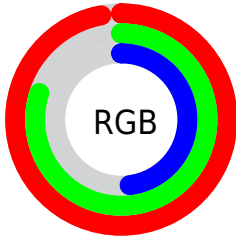
Format	Color
<a href="#">RYB</a>	<a href="#">188, 247, 122</a>
Decimal	<a href="#">16239738</a>
CIELab	<a href="#">84.16, 5.31, 46.27</a>
CIELCh	<a href="#">84, 46.578, 83.451</a>
Yxy	<a href="#">64.3650, 0.4086, 0.4144</a>
Android (android.graphics.Color)	<a href="#">4294429818</a> ( <a href="#">0xFFFF7CC7A</a> )
YUV	<a href="#">207.5090, -42.1559, 34.6336</a>
Hunter-Lab	<a href="#">80.2278, 0.8021, 35.8429</a>

# Details

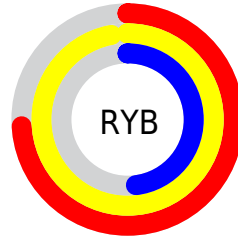
The YUV color **207.5090, -42.1559, 34.6336** is a light color, and the websafe version is hex **FFCC66**. A complement of this color would be **161.4910, 42.1559, -34.6336**, and the grayscale version is **208.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **245.9940, -34.5070, 7.8983**, and **152.3560, -40.1085, 31.2598** is the 20% darker color. If you saturate the color by 10%, you get **199.9630, -50.7608, 41.2514**, and if you desaturate by 10%, it is **215.0550, -33.5511, 28.0158**.

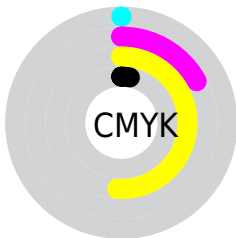
# Distribution



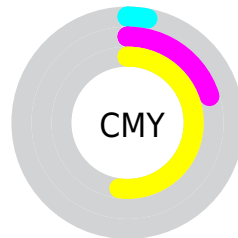
- Red (97%)
- Green (80%)
- Blue (48%)



- Red (74%)
- Yellow (97%)
- Blue (48%)



- Cyan (0%)
- Magenta (17%)
- Yellow (51%)
- Black (3%)



- Cyan (3%)
- Magenta (20%)
- Yellow (52%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 207.5090, -42.1559, 34.6336 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 207.5090, -42.1559, 34.6336 by changing the saturation by 10% instead.



207.5090,  
-42.1559, 34.6336

207.5090,  
-42.1559, 34.6336

255.0000, 0.0000,  
0.0000

179.7260,  
-41.2769, 32.6893

245.9940,  
-34.5070, 7.8983

152.3560,  
-40.1085, 31.2598

249.1860,  
-22.2767, 5.0989

125.8720,  
-39.3769, 29.9303

252.3780,  
-10.0464, 2.2995

100.3340,  
-40.0977, 27.7711

75.7080, -37.3240,  
24.8121

54.4330, -26.8355,  
20.6683

34.3320, -16.9257,

15.4948

■ 14.2420, -7.0213,  
12.0658

■ 0.0000, 0.0000,  
0.0000

■ 207.5090,  
-42.1559, 34.6336

■ 207.5090,  
-42.1559, 34.6336

■ 199.9630,  
-50.7608, 41.2514

■ 215.0550,  
-33.5511, 28.0158

■ 191.9440,  
-58.6394, 48.2841

■ 223.0740,  
-25.6725, 20.9831

■ 184.3980,  
-67.2442, 54.9020

■ 230.6200,  
-17.0677, 14.3653

■ 176.2650,  
-75.5596, 62.0346

■ 238.7530, -8.7522,  
7.2326

■ 168.9470,  
-83.2909, 68.4525

■ 246.2990, -0.1474,  
0.6148

■ 252.6080, 1.1793,  
-4.9182

# Harmonies

## Analogous

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



203.2620, -30.6952, 45.3742



207.5090, -42.1559, 34.6336



203.2550, -37.1007, -0.2236

# Triad

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



207.5090, -42.1559, 34.6336



164.4730, 38.7138, -144.2428



214.4970, 19.9680, 35.5211

# Complementary

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



207.5090, -42.1559, 34.6336



161.4910, 42.1559, -34.6336

# 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.



207.7430, 23.2977, -5.9136



207.5090, -42.1559, 34.6336



167.9890, 42.8964, -132.4174

# Square

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



207.5090, -42.1559, 34.6336



186.2530, 5.7913, -84.4139



194.1230, 30.0124, -59.7439



204.7510, 8.0108, 44.0684



# Rectangle

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



207.5090, -42.1559, 34.6336



199.3210, -27.2733, -25.7145



194.1230, 30.0124, -59.7439



212.9470, 20.7321, 23.7255

# Sweetspot

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



207.5090, -42.1559, 34.6336



243.0370, -12.8362, 10.4916



164.3910, 0.7932, 72.4481



120.6820, -7.7312, 6.4179



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.



207.5090, -42.1559, 34.6336



205.5180, -52.5134, 43.3957



227.0690, -51.7990, 0.8165



118.2840, -4.0840, 3.2589



127.2280, -62.7234, 51.5430



39.9470, -19.6939, 16.7095



# Inverse Universe

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



161.4910, 42.1559, -34.6336



148.4820, 52.5134, -43.3957



141.9310, 51.7990, -0.8165



113.7160, 4.0840, -3.2589



58.7720, 62.7234, -51.5430



18.4660, 19.9833, -16.1947



# Previews

## White Background



This preview shows how the YUV color 207.5090, -42.1559, 34.6336 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 207.5090, -42.1559, 34.6336 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 207.5090, -42.1559, 34.6336

## Background



This preview shows how black text looks on a background with the YUV color 207.5090, -42.1559, 34.6336.



This preview shows how white text looks on a background with the YUV color 207.5090, -42.1559, 34.6336.



# 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

207.5090, -42.1559, 34.6336

### Protanopia

206.1760, -40.5128, 20.8936

### Deuteranopia

208.3680, -41.5934, 40.8963



## Tritanopia

213.9490, -2.4399, 36.0017

# Trichromacy



## Original Color

207.5090, -42.1559, 34.6336

## Protanomaly

206.6820, -41.2552, 25.7119

## Deuteranomaly

207.9440, -41.8774, 38.6371

## Tritanomaly

211.7520, -17.1327, 35.2975

# Monochromacy



## Original Color

207.5090, -42.1559, 34.6336

## Achromatopsia

208.0000, 0.0000, 0.0000

## Achromatomaly

208.0650, -15.3150, 12.2210

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 207.5090, -42.1559, 34.6336 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(247, 204, 122)` looks like.

```
.text, #text, p{  
    color:rgb(247, 204, 122)  
}
```

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(247, 204, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 204, 122) }
```

## Border

The CSS property to change the border of an element to YUV 207.5090, -42.1559, 34.6336 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(247, 204, 122) }
```



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

```
.border{ border-color:rgb(247, 204, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 204, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(247, 204, 122); -webkit-box-shadow:4px 4px 4px 4px rgb(247, 204, 122); box-shadow:4px 4px 4px 4px rgb(247, 204, 122) }
```

# Background

The CSS property to change the background color of an element to YUV 207.5090, -42.1559, 34.6336 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 204, 122) }
```

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

```
.background{ background-color: rgb(247,  
204, 122) }
```

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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