

# Converting Colors

YUV(203.7060, -44.2251,  
44.9848)

Have a look what the booklet for  
YUV(203.7060, -44.2251, 44.9848)  
contains.

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# Color

**YUV(203.7060, -44.2251,  
44.9848)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FFC372
RGB	255, 195, 114
RGB Percent	100%, 76%, 45%
CMY	0.0000, 0.2353, 0.5529
CMYK	0.00, 0.24, 0.55, 0.00
HSL	34°, 100%, 72%
HSV	34°, 55%, 100%
XYZ	63.7924, 61.5051, 24.4290
YIQ	203.7060, 61.7610, -12.4710

# Conversions

## Conversions Part 2

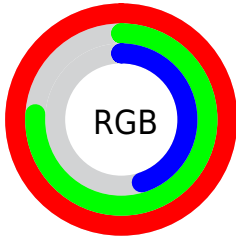
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	218, 255, 114
Decimal	16761714
CIE Lab	82.65, 12.56, 48.56
CIE LCh	83, 50.154, 75.500
Yxy	61.5051, 0.4261, 0.4108
Android (android.graphics.Color)	4294951794 (0xFFFFC372)
YUV	203.7060, -44.2251, 44.9848
Hunter-Lab	78.4252, 7.9508, 36.4291

# Details

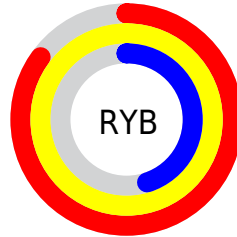
The YUV color  $203.7060, -44.2251, 44.9848$  is a light color, and the websafe version is hex  $\text{FFCC66}$ . A complement of this color would be  $165.2940, 44.2251, -44.9848$ , and the grayscale version is  $204.0000, 0.0000, 0.0000$ .

A 20% lighter version of the original color is  $242.6200, -37.2807, 10.8573$ , and  $148.2540, -42.0302, 40.9962$  is the 20% darker color. If you saturate the color by 10%, you get  $194.3990, -51.9617, 53.1471$ , and if you desaturate by 10%, it is  $213.1270, -36.0516, 36.7226$ .

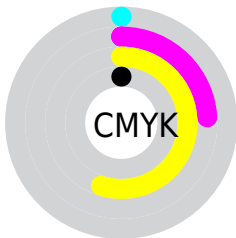
# Distribution



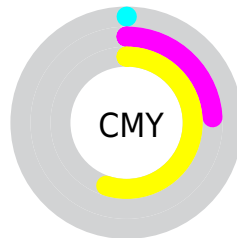
- Red (100%)
- Green (76%)
- Blue (45%)



- Red (85%)
- Yellow (100%)
- Blue (45%)



- Cyan (0%)
- Magenta (24%)
- Yellow (55%)
- Black (0%)



- Cyan (0%)
- Magenta (24%)
- Yellow (55%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 203.7060, -44.2251, 44.9848 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 203.7060, -44.2251, 44.9848 by changing the saturation by 10% instead.



203.7060,  
-44.2251, 44.9848

203.7060,  
-44.2251, 44.9848

255.0000, 0.0000,  
0.0000

175.9230,  
-43.3460, 43.0405

242.6200,  
-37.2807, 10.8573

148.2540,  
-42.0302, 40.9962

248.1600,  
-26.2079, 5.9987

122.0580,  
-41.4406, 38.5371

251.4660,  
-13.5407, 3.0993

95.2920, -43.0350,  
36.5779

254.7720, -0.8736,  
0.2000

72.8060, -35.8934,  
32.6191

51.5200, -25.3994,  
26.7310

31.4190, -15.4896,

21.5575

■ 9.5680, -4.7170,  
19.6729

■ 0.0000, 0.0000,  
0.0000

■ 203.7060,  
-44.2251, 44.9848

■ 203.7060,  
-44.2251, 44.9848

■ 194.3990,  
-51.9617, 53.1471

■ 213.1270,  
-36.0516, 36.7226

■ 184.9780,  
-60.1352, 61.4093

■ 222.4340,  
-28.3150, 28.5604

■ 175.5570,  
-68.3086, 69.6715

■ 231.8550,  
-20.1415, 20.2982

■ 166.8370,  
-76.3346, 77.3190

■ 240.5750,  
-12.1155, 12.6507

161.9470,  
-79.8399, 81.6075

249.9960, -3.9420,  
4.3885

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.



197.3920, -27.8013, 50.5222



203.7060, -44.2251, 44.9848



199.8280, -42.8062, 9.7978

# Triad

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



203.7060, -44.2251, 44.9848



161.1160, 33.4668, -141.2987



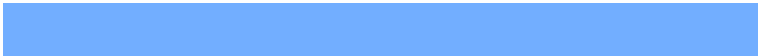
209.1370, 22.6105, 27.9439

# Complementary

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



203.7060, -44.2251, 44.9848



165.2940, 44.2251, -44.9848

# 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.



199.9690, 27.1303, -21.8978



203.7060, -44.2251, 44.9848



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.



203.7060, -44.2251, 44.9848



182.5650, -0.7715, -79.4255



179.7710, 37.0879, -89.2532



202.9560, 13.8257, 45.6426



# Rectangle

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



203.7060, -44.2251, 44.9848



195.9540, -33.9943, -16.6227



179.7710, 37.0879, -89.2532



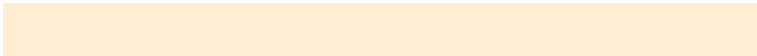
206.9780, 23.6748, 13.1743

# Sweetspot

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



203.7060, -44.2251, 44.9848



239.5320, -13.5733, 13.5654



163.1130, 5.8603, 80.5849



118.5790, -8.1734, 8.2622



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.



203.7060, -44.2251, 44.9848



193.5840, -52.5459, 53.8618



236.2350, -60.2619, 8.5639



122.9960, -3.9420, 4.3885



121.6790, -59.9877, 60.7945

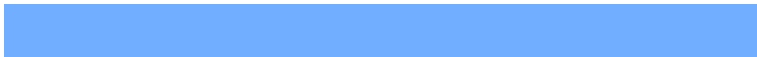


40.8550, -20.1415, 20.2982



# Inverse Universe

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



165.2940, 44.2251, -44.9848



147.8290, 52.8353, -53.3470



132.7650, 60.2619, -8.5639



119.4170, 4.2314, -3.8737



69.3210, 59.9877, -60.7945



23.1450, 20.1415, -20.2982



# Previews

## White Background



This preview shows how the YUV color 203.7060, -44.2251, 44.9848 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

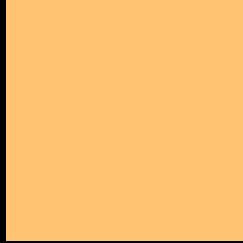
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 203.7060, -44.2251, 44.9848 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 203.7060, -44.2251, 44.9848 Background



This preview shows how black text looks on a background with the YUV color 203.7060, -44.2251, 44.9848.



This preview shows how white text looks on a background with the YUV color 203.7060, -44.2251,



# 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

203.7060, -44.2251, 44.9848

### Protanopia

201.9480, -41.3864, 21.0936

### Deuteranopia

203.3960, -44.0722, 42.6257



## Tritanopia

209.4010, -4.6347, 39.9903

# Trichromacy



## Original Color

203.7060, -44.2251, 44.9848

## Protanomaly

202.7750, -42.2871, 30.0153

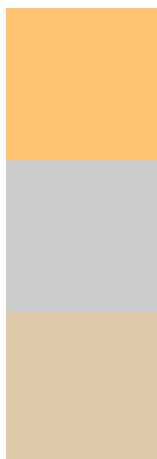
## Deuteranomaly

203.6950, -44.2196, 43.2405

## Tritanomaly

207.6280, -19.0436, 41.5452

# Monochromacy



## Original Color

203.7060, -44.2251, 44.9848

## Achromatopsia

204.0000, 0.0000, 0.0000

## Achromatomaly

204.1580, -16.3469, 16.5244

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 203.7060, -44.2251, 44.9848 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, 195, 114)` looks like.

```
.text, #text, p{  
    color:rgb(255, 195, 114)  
}
```

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, 195, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 195, 114) }
```

## Border

The CSS property to change the border of an element to YUV 203.7060, -44.2251, 44.9848 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, 195, 114) }
```



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

```
.border{ border-color:rgb(255, 195, 114) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 195, 114)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 195, 114); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 195, 114); box-shadow:4px 4px 4px 4px rgb(255, 195, 114) }
```

# Background

The CSS property to change the background color of an element to YUV 203.7060, -44.2251, 44.9848 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 195, 114) }
```

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

```
.background{ background-color: rgb(255,  
195, 114) }
```

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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