

Converting Colors

YUV(218.7060, -47.6761,
31.8298)

Have a look what the booklet for
YUV(218.7060, -47.6761, 31.8298)
contains.

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Color

**YUV(218.7060, -47.6761,
31.8298)**

Conversions

Conversions Part 1

Format	Color
Hex	FFDB7A
RGB	255, 219, 122
RGB Percent	100%, 86%, 48%
CMY	0.0000, 0.1412, 0.5216
CMYK	0.00, 0.14, 0.52, 0.00
HSL	44°, 100%, 74%
HSV	44°, 52%, 100%
XYZ	70.0844, 73.3282, 28.8723
YIQ	218.7060, 52.5930, -22.5350

Conversions

Conversions Part 2

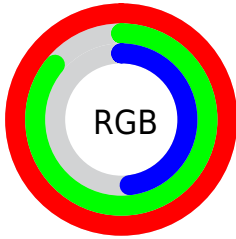
Format	Color
RYB	171, 255, 122
Decimal	16767866
CIELab	88.60, 0.84, 51.86
CIELCh	89, 51.868, 89.077
Yxy	73.3282, 0.4068, 0.4256
Android (android.graphics.Color)	4294957946 (0xFFFFDB7A)
YUV	218.7060, -47.6761, 31.8298
Hunter-Lab	85.6319, -3.7646, 39.9517

Details

The YUV color **218.7060, -47.6761, 31.8298** is a light color, and the websafe version is hex **FFCC66**. A complement of this color would be **158.2940, 47.6761, -31.8298**, and the grayscale version is **219.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **245.9940, -34.5070, 7.8983**, and **162.8520, -45.7760, 29.0708** is the 20% darker color. If you saturate the color by 10%, you get **211.7470, -56.5703, 37.9329**, and if you desaturate by 10%, it is **225.7790, -38.3450, 25.6268**.

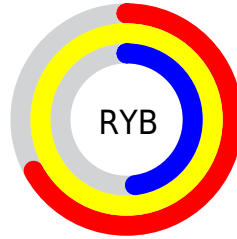
Distribution



Red (100%)

Green (86%)

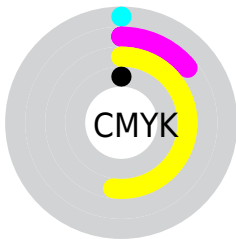
Blue (48%)



Red (67%)

Yellow (100%)

Blue (48%)

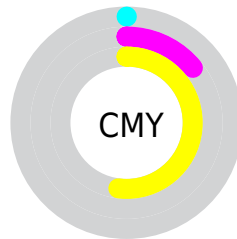


Cyan (0%)

Magenta (14%)

Yellow (52%)

Black (0%)



Cyan (0%)

Magenta (14%)

Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the YUV color 218.7060, -47.6761, 31.8298 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 218.7060, -47.6761, 31.8298 by changing the saturation by 10% instead.

218.7060,
-47.6761, 31.8298

218.7060,
-47.6761, 31.8298

255.0000, 0.0000,
0.0000

190.3360,
-46.5076, 30.4003

245.9940,
-34.5070, 7.8983

162.8520,
-45.7760, 29.0708

249.1860,
-22.2767, 5.0989

135.9550,
-45.3338, 27.2265

252.4920, -9.6096,
2.1995

109.4880,
-47.0756, 25.8820

85.4320, -42.1180,
22.4231

63.5700, -31.3400,
18.7941

43.1700, -21.2828,

13.0059

■ 23.9550, -11.8098,
7.9325

■ 0.0000, 0.0000,
0.0000

■ 218.7060,
-47.6761, 31.8298

■ 218.7060,
-47.6761, 31.8298

■ 211.7470,
-56.5703, 37.9329

■ 225.7790,
-38.3450, 25.6268

■ 204.6740,
-65.9013, 44.1359

■ 232.7380,
-29.4508, 19.5238

■ 197.7150,
-74.7955, 50.2389

■ 239.8110,
-20.1198, 13.3208

■ 190.6420,
-84.1265, 56.4420

■ 246.7700,
-11.2256, 7.2177

■ 185.4270,
-91.4155, 61.0155

■ 253.8430, -1.8946,
1.0147

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.



210.6650, -35.3308, 38.8818



218.7060, -47.6761, 31.8298



213.6300, -39.2576, -8.4455

Triad

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



218.7060, -47.6761, 31.8298



174.0590, 39.9039, -152.6497



218.0190, 18.2316, 32.4323

Complementary

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



218.7060, -47.6761, 31.8298



158.2940, 47.6761, -31.8298

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.



219.6150, 17.4448, 4.7226



218.7060, -47.6761, 31.8298



170.5370, 41.6403, -149.5609

Square

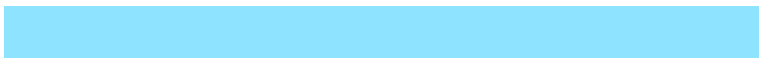
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



218.7060, -47.6761, 31.8298



188.4820, 15.0454, -112.6787



205.3640, 24.4705, -55.5702



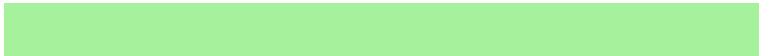
209.4300, 8.1690, 39.9649

Rectangle

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



218.7060, -47.6761, 31.8298



208.8850, -26.0723, -37.6101



205.3640, 24.4705, -55.5702



221.5410, 16.4953, 29.3435

Sweetspot

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



218.7060, -47.6761, 31.8298



243.8690, -14.7254, 9.7619



166.0990, -3.0068, 77.9662



121.0410, -8.8942, 6.1030



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.



218.7060, -47.6761, 31.8298



211.4050, -57.8807, 38.2328



231.1670, -53.8193, -4.5315



124.1700, -4.5208, 3.3589



138.7020, -68.3801, 45.8653



46.1380, -22.7460, 15.6650

Inverse Universe

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



158.2940, 47.6761, -31.8298



138.1820, 57.5913, -38.7476



145.8330, 53.8193, 4.5315



118.2430, 4.8102, -2.8441



52.2980, 68.3801, -45.8653



17.2750, 23.0354, -15.1502

Previews

White Background



This preview shows how the YUV color 218.7060, -47.6761, 31.8298 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 218.7060, -47.6761, 31.8298 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 218.7060, -47.6761, 31.8298

Background



This preview shows how black text looks on a background with the YUV color 218.7060, -47.6761, 31.8298.



This preview shows how white text looks on a background with the YUV color 218.7060, -47.6761, 31.8298.

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

218.7060, -47.6761, 31.8298

Protanopia

218.1780, -46.9228, 23.5229

Deuteranopia

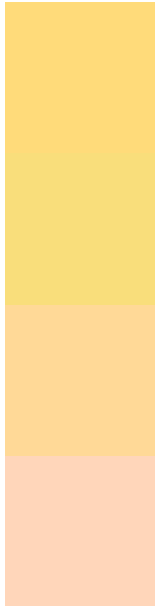
222.1890, -26.7152, 28.7752



Tritanopia

225.5240, -1.2443, 25.8505

Trichromacy



Original Color

218.7060, -47.6761, 31.8298

Protanomaly

218.7870, -47.2230, 26.4968

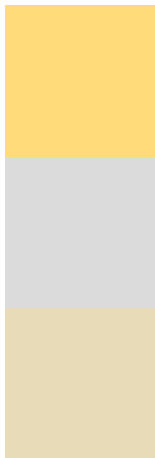
Deuteranomaly

220.8380, -34.4301, 29.9601

Tritanomaly

223.0670, -18.2740, 28.0052

Monochromacy



Original Color

218.7060, -47.6761, 31.8298

Achromatopsia

219.0000, 0.0000, 0.0000

Achromatomaly

218.8970, -17.2042, 11.4913

CSS Examples

Text

The CSS property to change the color of the text to YUV 218.7060, -47.6761, 31.8298 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, 219, 122)` looks like.

```
.text, #text, p{  
    color:rgb(255, 219, 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(255, 219, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 219, 122) }
```

Border

The CSS property to change the border of an element to YUV 218.7060, -47.6761, 31.8298 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, 219, 122) }
```


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

```
.border{ border-color:rgb(255, 219, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 219, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 219, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 219, 122);  
box-shadow:4px 4px 4px 4px rgb(255, 219,  
122) }
```

Background

The CSS property to change the background color of an element to YUV 218.7060, -47.6761, 31.8298 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 219, 122) }
```

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

```
.background{ background-color: rgb(255,  
219, 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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