

Converting Colors

YUV(218.2450, -31.6728,
32.2341)

Have a look what the booklet for
YUV(218.2450, -31.6728, 32.2341)
contains.

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Color

**YUV(218.2450, -31.6728,
32.2341)**

Conversions

Conversions Part 1

Format	Color
Hex	FFD49A
RGB	255, 212, 154
RGB Percent	100%, 83%, 60%
CMY	0.0000, 0.1686, 0.3961
CMYK	0.00, 0.17, 0.40, 0.00
HSL	34°, 100%, 80%
HSV	34°, 40%, 100%
XYZ	70.6162, 70.6801, 40.4926
YIQ	218.2450, 44.2460, -8.9220

Conversions

Conversions Part 2

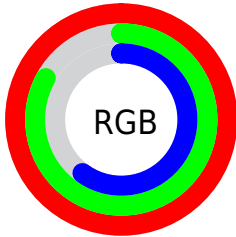
Format	Color
R _Y B	229, 255, 154
Decimal	16766106
CIE Lab	87.33, 7.47, 34.33
CIE LCh	87, 35.132, 77.725
Yxy	70.6801, 0.3885, 0.3888
Android (android.graphics.Color)	4294956186 (0xFFFFD49A)
YUV	218.2450, -31.6728, 32.2341
Hunter-Lab	84.0714, 2.8070, 30.2933

Details

The YUV color **218.2450, -31.6728, 32.2341** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **190.7550, 31.6728, -32.2341**, and the grayscale version is **219.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **249.7560, -20.0927, 4.5990**, and **163.2770, -30.2096, 29.5751** is the 20% darker color. If you saturate the color by 10%, you get **208.9380, -39.4094, 40.3964**, and if you desaturate by 10%, it is **227.5520, -23.9361, 24.0719**.

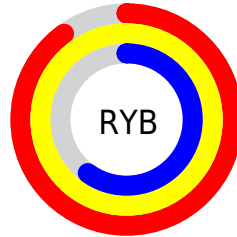
Distribution



Red (100%)

Green (83%)

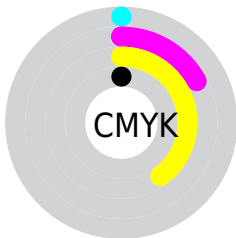
Blue (60%)



Red (90%)

Yellow (100%)

Blue (60%)

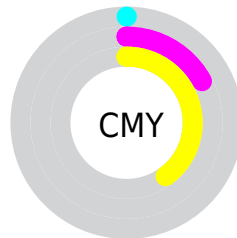


Cyan (0%)

Magenta (17%)

Yellow (40%)

Black (0%)



Cyan (0%)

Magenta (17%)

Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the YUV color 218.2450, -31.6728, 32.2341 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 218.2450, -31.6728, 32.2341 by changing the saturation by 10% instead.

218.2450,
-31.6728, 32.2341

218.2450,
-31.6728, 32.2341

255.0000, 0.0000,
0.0000

190.1740,
-30.6518, 31.4194

249.7560,
-20.0927, 4.5990

163.2770,
-30.2096, 29.5751

252.9480, -7.8624,
1.7996

136.0210,
-28.6044, 28.0456

110.5370,
-27.8727, 26.7161

85.7540, -26.9937,
24.7717

61.3300, -27.2777,
22.5126

40.8440, -20.1361,

18.5538

■ 21.6290, -10.6631,
13.4804

■ 0.0000, 0.0000,
0.0000

■ 218.2450,
-31.6728, 32.2341

■ 218.2450,
-31.6728, 32.2341

■ 208.9380,
-39.4094, 40.3964

■ 227.5520,
-23.9361, 24.0719

■ 199.5170,
-47.5829, 48.6586

■ 236.9730,
-15.7627, 15.8097

■ 190.2100,
-55.3195, 56.8208

■ 246.3940, -7.5892,
7.5475

■ 181.3760,
-63.7824, 64.5682

255.0000, 0.0000,
0.0000

■ 171.9550,
-71.9558, 72.8305

■ 162.6480,
-79.6925, 80.9927

■ 161.9470,
-79.8399, 81.6075

Harmonies

Analogous

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



213.7260, -21.0639, 36.1973



218.2450, -31.6728, 32.2341



214.9490, -29.5549, 6.1837

Triad

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



218.2450, -31.6728, 32.2341



201.2340, 18.1256, -73.8732



222.9700, 15.7908, 21.9513

Complementary

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



218.2450, -31.6728, 32.2341



190.7550, 31.6728, -32.2341

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.



216.5700, 18.9460, -10.1469



218.2450, -31.6728, 32.2341



202.0090, 26.1246, -72.7989

Square

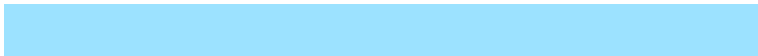
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



218.2450, -31.6728, 32.2341



205.4420, -0.7109, -52.1306



208.3760, 22.9856, -45.9338



217.3860, 8.1907, 32.9875

Rectangle

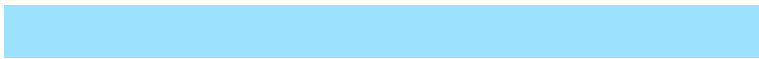
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



218.2450, -31.6728, 32.2341



212.1360, -23.2380, -13.2743



208.3760, 22.9856, -45.9338



220.8440, 16.8389, 12.4148

Sweetspot

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



218.2450, -31.6728, 32.2341



243.8350, -9.7787, 9.7917



189.2150, 4.3310, 57.6934



121.2520, -5.5472, 5.9180



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.



218.2450, -31.6728, 32.2341



210.5680, -38.2410, 38.9669



241.3930, -43.0847, 5.7943



122.9960, -3.9420, 4.3885



121.6790, -59.9877, 60.7945



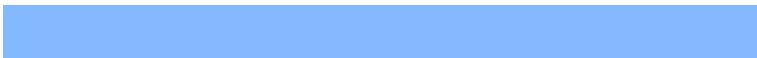
40.8550, -20.1415, 20.2982

Inverse Universe

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



190.7550, 31.6728, -32.2341



177.4320, 38.2410, -38.9669



167.6070, 43.0847, -5.7943



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 218.2450, -31.6728, 32.2341 looks on a white background.

Color Contrast Check

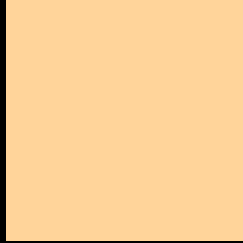
Large Text (above 18pt) WCAG AA × Fail

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 218.2450, -31.6728, 32.2341 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

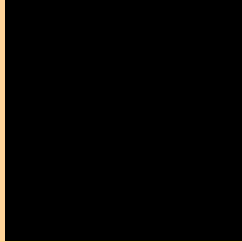
Any Text WCAG AA ✓ Pass

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 218.2450, -31.6728, 32.2341 Background



This preview shows how black text looks on a background with the YUV color 218.2450, -31.6728, 32.2341.



This preview shows how white text looks on a background with the YUV color 218.2450, -31.6728, 32.2341.

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

218.2450, -31.6728, 32.2341

Protanopia

217.0150, -29.5874, 16.6498

Deuteranopia

219.0260, -26.1418, 31.5492



Tritanopia

222.1330, -1.5446, 28.8244

Trichromacy



Original Color

218.2450, -31.6728, 32.2341

Protanomaly

217.2330, -30.1879, 22.5977

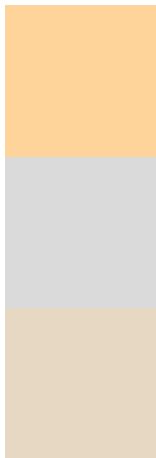
Deuteranomaly

218.5700, -27.8890, 31.9491

Tritanomaly

220.5710, -12.6065, 30.1942

Monochromacy



Original Color

218.2450, -31.6728, 32.2341

Achromatopsia

218.0000, 0.0000, 0.0000

Achromatomaly

218.0910, -11.3839, 11.3212

CSS Examples

Text

The CSS property to change the color of the text to YUV 218.2450, -31.6728, 32.2341 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, 212, 154)` looks like.

```
.text, #text, p{  
    color:rgb(255, 212, 154)  
}
```

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, 212, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 212, 154) }
```

Border

The CSS property to change the border of an element to YUV 218.2450, -31.6728, 32.2341 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, 212, 154) }
```


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

```
.border{ border-color:rgb(255, 212, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 212, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 212, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 212, 154);  
box-shadow:4px 4px 4px 4px rgb(255, 212,  
154) }
```

Background

The CSS property to change the background color of an element to YUV 218.2450, -31.6728, 32.2341 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 212, 154) }
```

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

```
.background{ background-color: rgb(255,  
212, 154) }
```

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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