

Converting Colors

YUV(204.5500, -30.8371,
44.2447)

Have a look what the booklet for
YUV(204.5500, -30.8371, 44.2447)
contains.

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Color

**YUV(204.5500, -30.8371,
44.2447)**

Conversions

Conversions Part 1

Format	Color
Hex	FFBF8E
RGB	255, 191, 142
RGB Percent	100%, 75%, 56%
CMY	0.0000, 0.2510, 0.4431
CMYK	0.00, 0.25, 0.44, 0.00
HSL	26°, 100%, 78%
HSV	26°, 44%, 100%
XYZ	64.7533, 60.4746, 33.8511
YIQ	204.5500, 53.8730, -1.6710

Conversions

Conversions Part 2

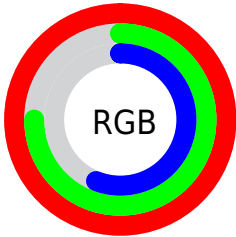
Format	Color
R _Y B	255, 229, 142
Decimal	16760718
CIE Lab	82.10, 17.13, 33.64
CIE LCh	82, 37.753, 63.012
Yxy	60.4746, 0.4071, 0.3802
Android (android.graphics.Color)	4294950798 (0xFFFFBF8E)
YUV	204.5500, -30.8371, 44.2447
Hunter-Lab	77.7654, 12.5429, 28.6270

Details

The YUV color $204.5500, -30.8371, 44.2447$ is a light color, and the websafe version is hex FFCC99 . A complement of this color would be $192.4500, 30.8372, -44.2446$, and the grayscale version is $205.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $243.5780, -23.4560, 10.0171$, and $149.3970, -28.7897, 40.8708$ is the 20% darker color. If you saturate the color by 10%, you get $193.4820, -37.7056, 53.9513$, and if you desaturate by 10%, it is $215.7320, -23.5319, 34.4380$.

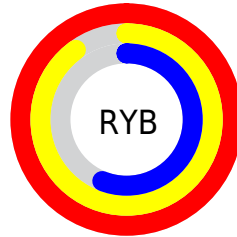
Distribution



Red (100%)

Green (75%)

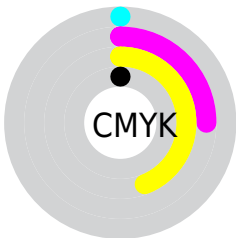
Blue (56%)



Red (100%)

Yellow (90%)

Blue (56%)

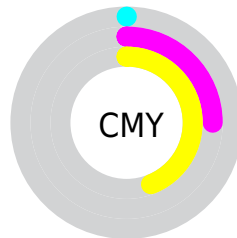


Cyan (0%)

Magenta (25%)

Yellow (44%)

Black (0%)



Cyan (0%)

Magenta (25%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the YUV color 204.5500, -30.8371, 44.2447 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 204.5500, -30.8371, 44.2447 by changing the saturation by 10% instead.

204.5500,
-30.8371, 44.2447

204.5500,
-30.8371, 44.2447

255.0000, 0.0000,
0.0000

176.7670,
-29.9581, 42.3003

243.5780,
-23.4560, 10.0171

149.3970,
-28.7897, 40.8708

251.4660,
-13.5407, 3.0993

123.3150,
-27.7633, 38.3117

254.7720, -0.8736,
0.2000

97.6460, -26.4475,
36.2675

73.4500, -25.8579,
33.8083

49.4820, -24.3946,
31.1493

29.3810, -14.4848,

25.9759

■ 10.4650, -5.1592,
21.5172

■ 0.0000, 0.0000,
0.0000

■ 204.5500,
-30.8371, 44.2447

■ 204.5500,
-30.8371, 44.2447

■ 193.4820,
-37.7056, 53.9513

■ 215.7320,
-23.5319, 34.4380

■ 181.7130,
-44.7215, 64.2727

■ 227.3870,
-16.9528, 24.2166

■ 170.6450,
-51.5900, 73.9793

■ 238.5690, -9.6475,
14.4100

■ 158.8760,
-58.6059, 84.3007

■ 250.2240, -3.0684,
4.1886

■ 147.8080,
-65.4743, 94.0074

255.0000, 0.0000,
0.0000

■ 141.4020,
-69.7112, 99.6254

Harmonies

Analogous

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



201.5300, -17.0233, 46.8932



204.5500, -30.8371, 44.2447



201.5980, -33.8188, 20.5236

Triad

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



204.5500, -30.8371, 44.2447



186.1820, 10.2633, -72.0736



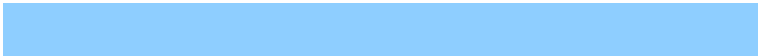
206.9340, 23.6965, 6.1969

Complementary

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



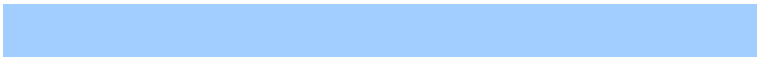
204.5500, -30.8371, 44.2447



192.4500, 30.8372, -44.2446

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.



198.4300, 27.8890, -31.9491



204.5500, -30.8371, 44.2447



182.1210, 29.5203, -88.6831

Square

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



204.5500, -30.8371, 44.2447



192.5760, -10.6370, -41.7242



188.1540, 32.9551, -70.2951



209.2000, 13.7054, 37.5356

Rectangle

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



204.5500, -30.8371, 44.2447



198.8020, -29.9754, 1.0506



188.1540, 32.9551, -70.2951



204.1990, 25.0449, -6.3135

Sweetspot

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



204.5500, -30.8371, 44.2447



240.0850, -8.9159, 13.0805



183.0830, 11.2981, 63.0712



118.5620, -5.7001, 8.2771



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.



204.5500, -30.8371, 44.2447



194.4110, -36.6846, 53.1366



237.4220, -47.0430, 15.4159



121.8220, -3.3632, 5.4181



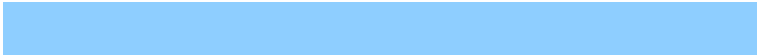
105.8300, -52.1742, 74.6941



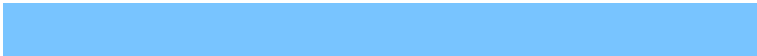
35.5720, -17.5370, 24.9314

Inverse Universe

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



192.4500, 30.8372, -44.2446



180.0020, 36.9740, -52.6218



159.5780, 47.0430, -15.4159



120.5910, 3.6526, -4.9033



85.1700, 52.1742, -74.6941



28.4280, 17.5370, -24.9314

Previews

White Background



This preview shows how the YUV color 204.5500, -30.8371, 44.2447 looks on a white background.

Color Contrast Check

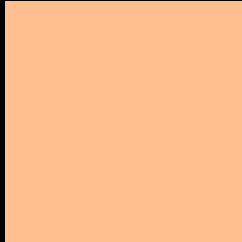
Large Text (above 18pt) WCAG AA × Fail

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 204.5500, -30.8371, 44.2447 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 204.5500, -30.8371, 44.2447

Background



This preview shows how black text looks on a background with the YUV color 204.5500, -30.8371, 44.2447.



This preview shows how white text looks on a background with the YUV color 204.5500, -30.8371,

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

204.5500, -30.8371, 44.2447

Protanopia

202.4000, -26.8192, 15.4352

Deuteranopia

204.0820, -31.0994, 35.0081



Tritanopia

207.9990, -4.9295, 41.2199

Trichromacy



Original Color

204.5500, -30.8371, 44.2447

Protanomaly

203.1240, -28.1621, 26.2013

Deuteranomaly

204.1040, -31.1103, 38.4968

Tritanomaly

206.8930, -14.2442, 42.1898

Monochromacy



Original Color

204.5500, -30.8371, 44.2447

Achromatopsia

205.0000, 0.0000, 0.0000

Achromatomaly

204.8250, -11.2527, 15.9395

CSS Examples

Text

The CSS property to change the color of the text to YUV 204.5500, -30.8371, 44.2447 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, 191, 142)` looks like.

```
.text, #text, p{  
    color:rgb(255, 191, 142)  
}
```

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, 191, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 191, 142) }
```

Border

The CSS property to change the border of an element to YUV 204.5500, -30.8371, 44.2447 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, 191, 142) }
```


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

```
.border{ border-color:rgb(255, 191, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 191, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 191, 142); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 191, 142); box-shadow:4px 4px 4px 4px rgb(255, 191, 142) }
```

Background

The CSS property to change the background color of an element to YUV 204.5500, -30.8371, 44.2447 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 191, 142) }
```

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

```
.background{ background-color: rgb(255,  
191, 142) }
```

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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