

# Converting Colors

YUV(202.5330, -28.3638,  
44.2596)

Have a look what the booklet for  
YUV(202.5330, -28.3638, 44.2596)  
contains.

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# Color

**YUV(202.5330, -28.3638,  
44.2596)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	FDBC91
RGB	253, 188, 145
RGB Percent	99%, 74%, 57%
CMY	0.0078, 0.2627, 0.4314
CMYK	0.00, 0.26, 0.43, 0.01
HSL	24°, 96%, 78%
HSV	24°, 43%, 99%
XYZ	63.6021, 58.8934, 34.8034
YIQ	202.5330, 52.5430, 0.4070

# Conversions

## Conversions Part 2

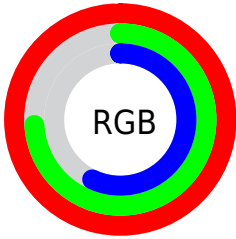
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	253, 216, 145
Decimal	16628881
CIE Lab	81.23, 18.23, 30.90
CIE LCh	81, 35.872, 59.461
Yxy	58.8934, 0.4043, 0.3744
Android (android.graphics.Color)	4294818961 (0xFFFD9C91)
YUV	202.5330, -28.3638, 44.2596
Hunter-Lab	76.7420, 13.6382, 26.8307

# Details

The YUV color  $202.5330, -28.3638, 44.2596$  is a light color, and the websafe version is hex  $\text{FFCC99}$ . A complement of this color would be  $195.4670, 28.3638, -44.2596$ , and the grayscale version is  $203.0000, 0.0000, 0.0000$ .

A 20% lighter version of the original color is  $242.1590, -21.2774, 11.2616$ , and  $147.9670, -26.6057, 40.3709$  is the 20% darker color. If you saturate the color by 10%, you get  $190.8780, -34.9429, 54.4810$ , and if you desaturate by 10%, it is  $214.1880, -21.7847, 34.0381$ .

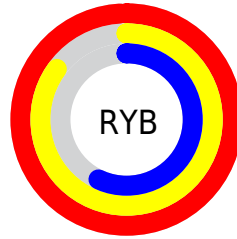
# Distribution



Red (99%)

Green (74%)

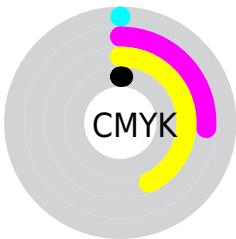
Blue (57%)



Red (99%)

Yellow (85%)

Blue (57%)

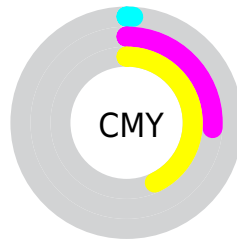


Cyan (0%)

Magenta (26%)

Yellow (43%)

Black (1%)



Cyan (1%)

Magenta (26%)

Yellow (43%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 202.5330, -28.3638, 44.2596 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 202.5330, -28.3638, 44.2596 by changing the saturation by 10% instead.



202.5330,  
-28.3638, 44.2596

202.5330,  
-28.3638, 44.2596

255.0000, 0.0000,  
0.0000

174.7500,  
-27.4847, 42.3153

242.1590,  
-21.2774, 11.2616

147.9670,  
-26.6057, 40.3709

251.8080,  
-12.2303, 2.7994

121.5970,  
-25.4373, 38.9414

96.5150, -24.4109,  
36.3823

71.4330, -23.3845,  
33.8233

48.0090, -23.6684,  
31.5641

27.6090, -13.6112,

25.7759

■ 10.4650, -5.1592,  
21.5172

■ 0.0000, 0.0000,  
0.0000

■ 202.5330,  
-28.3638, 44.2596

■ 202.5330,  
-28.3638, 44.2596

■ 190.8780,  
-34.9429, 54.4810

■ 214.1880,  
-21.7847, 34.0381

■ 179.1090,  
-41.9587, 64.8024

■ 225.9570,  
-14.7688, 23.7167

■ 166.8670,  
-48.2484, 75.5386

■ 238.1990, -8.4791,  
12.9805

■ 155.2120,  
-54.8275, 85.7601

■ 249.8540, -1.9000,  
2.7590

■ 143.5570,  
-61.4066, 95.9815

254.4020, 0.2948,  
-1.2296

■ 134.9340,  
-66.5225, 103.5439

# Harmonies

## Analogous

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



200.6980, -15.1341, 47.6229



202.5330, -28.3638, 44.2596



199.6630, -32.3719, 23.0975

# Triad

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



202.5330, -28.3638, 44.2596



185.7270, 7.0366, -63.7816



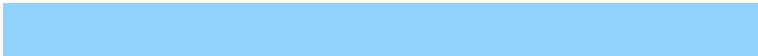
203.6560, 25.3126, 1.1787

# Complementary

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



202.5330, -28.3638, 44.2596



195.4670, 28.3638, -44.2596

# 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.



196.0490, 29.0628, -35.1230



202.5330, -28.3638, 44.2596



181.8400, 25.7149, -81.4207

# Square

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



202.5330, -28.3638, 44.2596



191.5660, -12.1110, -35.5764



186.9800, 33.5339, -69.2655



206.6940, 14.4479, 32.7174



# Rectangle

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



202.5330, -28.3638, 44.2596



197.9380, -29.5494, 4.4394



186.9800, 33.5339, -69.2655



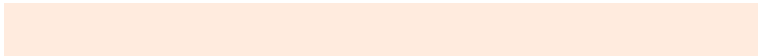
201.5190, 26.3661, -10.1022

# Sweetspot

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



202.5330, -28.3638, 44.2596



239.4980, -8.6265, 13.5953



184.9300, 13.3455, 59.6974



117.9750, -5.4107, 8.7919



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.



202.5330, -28.3638, 44.2596



194.3940, -34.2112, 53.1515



233.0570, -43.4121, 17.4900



121.8220, -3.3632, 5.4181



101.7210, -50.1485, 78.2977



33.8110, -16.6688, 26.4758



# Inverse Universe

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



195.4670, 28.3638, -44.2596



185.6060, 34.2112, -53.1515



164.9430, 43.4121, -17.4900



120.5910, 3.6526, -4.9033



89.2790, 50.1485, -78.2977



29.6020, 16.9582, -25.9610



# Previews

## White Background



This preview shows how the YUV color 202.5330, -28.3638, 44.2596 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

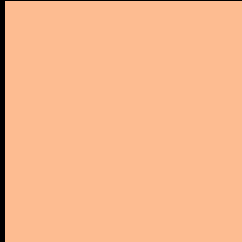
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 202.5330, -28.3638, 44.2596 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

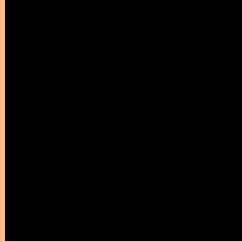
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

# YUV 202.5330, -28.3638, 44.2596

## Background



This preview shows how black text looks on a background with the YUV color 202.5330, -28.3638, 44.2596.



This preview shows how white text looks on a background with the YUV color 202.5330, -28.3638,



# 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

202.5330, -28.3638, 44.2596

### Protanopia

200.6710, -24.4878, 14.3205

### Deuteranopia

202.0540, -28.6206, 33.2786



## Tritanopia

205.3090, -5.0823, 43.5790

# Trichromacy



## Original Color

202.5330, -28.3638, 44.2596

## Protanomaly

201.3950, -25.8307, 25.0866

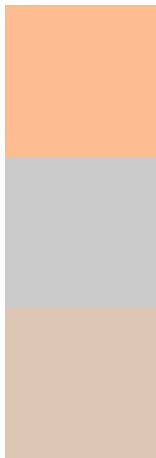
## Deuteranomaly

202.3750, -28.7789, 37.3821

## Tritanomaly

204.1320, -13.3761, 43.7342

# Monochromacy



## Original Color

202.5330, -28.3638, 44.2596

## Achromatopsia

203.0000, 0.0000, 0.0000

## Achromatomaly

203.0530, -10.3791, 15.7395

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 202.5330, -28.3638, 44.2596 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(253, 188, 145)` looks like.

```
.text, #text, p{  
    color:rgb(253, 188, 145)  
}
```

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(253, 188, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 188, 145) }
```

## Border

The CSS property to change the border of an element to YUV 202.5330, -28.3638, 44.2596 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(253, 188, 145) }
```



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

```
.border{ border-color:rgb(253, 188, 145) }
```

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

Here you see how a box with a 4 pixel rgb(253, 188, 145) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 188, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 188, 145);  
box-shadow:4px 4px 4px 4px rgb(253, 188,  
145) }
```

# Background

The CSS property to change the background color of an element to YUV 202.5330, -28.3638, 44.2596 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 188, 145) }
```

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

```
.background{ background-color: rgb(253,  
188, 145) }
```

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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