

# Converting Colors

YUV(216.6600, -21.0314,  
25.7312)

Have a look what the booklet for  
YUV(216.6600, -21.0314, 25.7312)  
contains.

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# Color

**YUV(216.6600, -21.0314,  
25.7312)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F6D2AE
RGB	246, 210, 174
RGB Percent	96%, 82%, 68%
CMY	0.0353, 0.1765, 0.3176
CMYK	0.00, 0.15, 0.29, 0.04
HSL	30°, 80%, 82%
HSV	30°, 29%, 96%
XYZ	68.6926, 68.7420, 49.6924
YIQ	216.6600, 33.0120, -3.5640

# Conversions

## Conversions Part 2

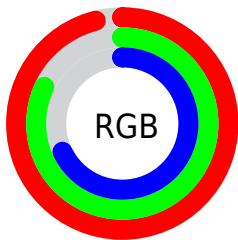
Format	Color
RYB	246, 246, 174
Decimal	16175790
CIELab	86.38, 7.43, 22.53
CIELCh	86, 23.720, 71.751
Yxy	68.7420, 0.3671, 0.3674
Android (android.graphics.Color)	4294365870 (0xFFFF6D2AE)
YUV	216.6600, -21.0314, 25.7312
Hunter-Lab	82.9108, 2.7955, 22.5022

# Details

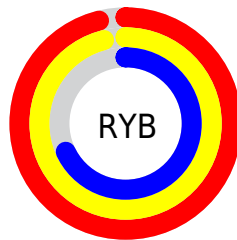
The YUV color  $216.6600, -21.0314, 25.7312$  is a light color, and the websafe version is hex  $\text{FFCC99}$ . A complement of this color would be  $203.3400, 21.0314, -25.7312$ , and the grayscale version is  $217.0000, 0.0000, 0.0000$ .

A 20% lighter version of the original color is  $252.1500, -10.9200, 2.4994$ , and  $161.8770, -20.1524, 23.7869$  is the 20% darker color. If you saturate the color by 10%, you get  $206.7660, -28.4786, 34.4082$ , and if you desaturate by 10%, it is  $226.5540, -13.5841, 17.0541$ .

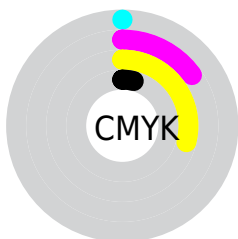
# Distribution



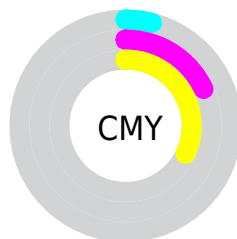
- Red (96%)
- Green (82%)
- Blue (68%)



- Red (96%)
- Yellow (96%)
- Blue (68%)



- Cyan (0%)
- Magenta (15%)
- Yellow (29%)
- Black (4%)



- Cyan (4%)
- Magenta (18%)
- Yellow (32%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 216.6600, -21.0314, 25.7312 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 216.6600, -21.0314, 25.7312 by changing the saturation by 10% instead.



216.6600,  
-21.0314, 25.7312

216.6600,  
-21.0314, 25.7312

255.0000, 0.0000,  
0.0000

188.4750,  
-20.4472, 25.0164

252.1500,  
-10.9200, 2.4994

161.8770,  
-20.1524, 23.7869

135.3930,  
-19.4207, 22.4573

109.3220,  
-18.3997, 21.6426

84.9520, -17.2313,  
20.2131

61.4680, -16.4997,  
18.8836

38.9300, -17.2205,

16.7244

■ 19.8570, -9.7895,  
13.2804

■ 0.0000, 0.0000,  
0.0000

■ 216.6600,  
-21.0314, 25.7312

■ 216.6600,  
-21.0314, 25.7312

■ 206.7660,  
-28.4786, 34.4082

■ 226.5540,  
-13.5841, 17.0541

■ 196.3990,  
-35.1997, 43.5001

■ 236.9210, -6.8631,  
7.9623

■ 186.5050,  
-42.6470, 52.1771

■ 246.8150, 0.5842,  
-0.7148

■ 176.7250,  
-49.6574, 60.7542

■ 252.3090, 1.3267,  
-5.5330

■ 166.2440,  
-56.8153, 69.9460

■ 156.3500,  
-64.2625, 78.6231

■ 146.5700,  
-71.2730, 87.2001

■ 145.7550,  
-71.8572, 87.9149

# Harmonies

## Analogous

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



217.3110, -14.9433, 33.0533



216.6600, -21.0314, 25.7312



213.9630, -20.6878, 8.8024

# Triad

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



216.6600, -21.0314, 25.7312



206.9020, 8.4293, -43.7641



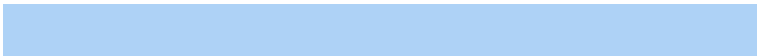
219.0780, 15.2445, 10.4556

# Complementary

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



216.6600, -21.0314, 25.7312



203.3400, 21.0314, -25.7312

# 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.



215.6730, 19.3882, -11.9912



216.6600, -21.0314, 25.7312



207.8230, 18.3283, -45.4488

# Square

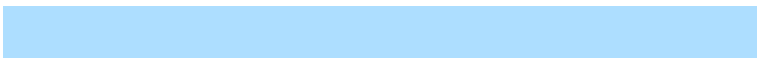
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



216.6600, -21.0314, 25.7312



208.7760, -3.8336, -30.4986



211.1110, 21.6373, -33.4233



220.5550, 5.1494, 28.4543



# Rectangle

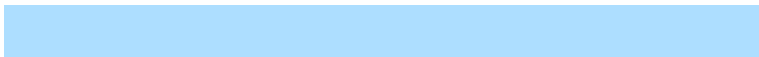
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



216.6600, -21.0314, 25.7312



212.4990, -17.0080, -4.8226



211.1110, 21.6373, -33.4233



218.6040, 17.4502, 2.9783

# Sweetspot

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



216.6600, -21.0314, 25.7312



245.9210, -6.8631, 7.9623



199.6320, 5.1114, 40.6647



121.5940, -4.2368, 5.6181



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.



216.6600, -21.0314, 25.7312



218.4390, -25.8524, 32.0640



237.2050, -31.1601, 7.7132



117.1100, -3.5052, 4.2885



110.2050, -54.3311, 66.4722



34.6640, -17.0894, 21.3427

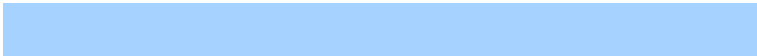


# Inverse Universe

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



203.3400, 21.0314, -25.7312



201.9740, 26.1418, -31.5492



182.2080, 31.4495, -7.1984



114.8900, 3.5052, -4.2885



75.7950, 54.3311, -66.4722



23.7490, 17.3787, -20.8279



# Previews

## White Background



This preview shows how the YUV color 216.6600, -21.0314, 25.7312 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

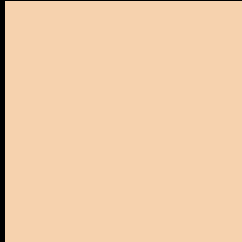
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 216.6600, -21.0314, 25.7312 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

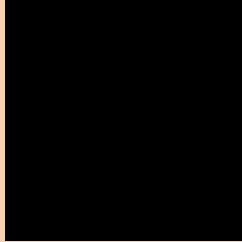
Any Text WCAG AA ✓ Pass

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 216.6600, -21.0314, 25.7312 Background



This preview shows how black text looks on a background with the YUV color 216.6600, -21.0314, 25.7312.



This preview shows how white text looks on a background with the YUV color 216.6600, -21.0314, 25.7312.

25.7312.

# 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

216.6600, -21.0314, 25.7312

### Protanopia

215.4410, -18.9514, 11.8912

### Deuteranopia

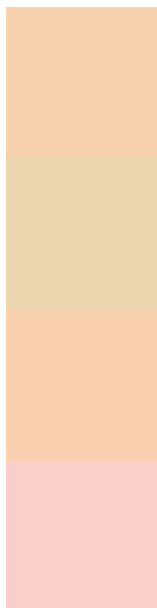
217.2800, -21.3370, 30.4494



## Tritanopia

219.7630, -0.3762, 27.3948

# Trichromacy



## Original Color

216.6600, -21.0314, 25.7312

## Protanomaly

215.9470, -19.6939, 16.7095

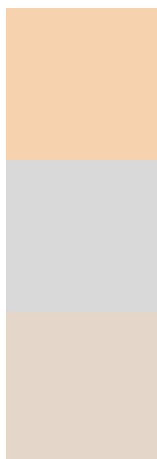
## Deuteranomaly

217.2690, -21.3316, 28.7051

## Tritanomaly

218.5150, -7.6489, 26.7353

# Monochromacy



## Original Color

216.6600, -21.0314, 25.7312

## Achromatopsia

217.0000, 0.0000, 0.0000

## Achromatomaly

216.7040, -7.7421, 9.9066

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 216.6600, -21.0314, 25.7312 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(246, 210, 174)` looks like.

```
.text, #text, p{  
    color:rgb(246, 210, 174)  
}
```

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(246, 210, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 210, 174) }
```

## Border

The CSS property to change the border of an element to YUV 216.6600, -21.0314, 25.7312 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(246, 210, 174) }
```



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

```
.border{ border-color:rgb(246, 210, 174) }
```

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

Here you see how a box with a 4 pixel rgb(246, 210, 174) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 210, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 210, 174);  
box-shadow:4px 4px 4px 4px rgb(246, 210,  
174) }
```

# Background

The CSS property to change the background color of an element to YUV 216.6600, -21.0314, 25.7312 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 210, 174) }
```

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

```
.background{ background-color: rgb(246,  
210, 174) }
```

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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