

# Converting Colors

YUV(207.5650, -26.9005,  
41.6005)

Have a look what the booklet for  
YUV(207.5650, -26.9005, 41.6005)  
contains.

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# Color

**YUV(207.5650, -26.9005,  
41.6005)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	<a href="#">FFC299</a>
RGB	<a href="#">255, 194, 153</a>
RGB Percent	<a href="#">100%, 76%, 60%</a>
CMY	<a href="#">0.0000, 0.2392, 0.4000</a>
CMYK	<a href="#">0.00, 0.24, 0.40, 0.00</a>
HSL	<a href="#">24°, 100%, 80%</a>
HSV	<a href="#">24°, 40%, 100%</a>
XYZ	<a href="#">66.2816, 62.1435, 38.6385</a>
YIQ	<a href="#">207.5650, 49.5170, 0.1810</a>

# Conversions

## Conversions Part 2

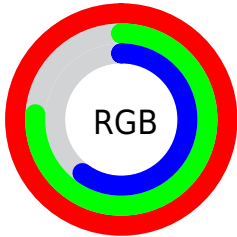
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	255, 222, 153
Decimal	16761497
CIE <sub>Lab</sub>	82.99, 16.71, 29.08
CIE <sub>LCh</sub>	83, 33.537, 60.110
Yxy	62.1435, 0.3967, 0.3720
Android (android.graphics.Color)	4294951577 (0xFFFFC299)
YUV	207.5650, -26.9005, 41.6005
Hunter-Lab	78.8311, 12.1291, 26.1213

# Details

The YUV color  $207.5650, -26.9005, 41.6005$  is a light color, and the websafe version is hex  $\text{FFCC99}$ . A complement of this color would be  $200.4350, 26.9005, -41.6005$ , and the grayscale version is  $208.0000, 0.0000, 0.0000$ .

A 20% lighter version of the original color is  $247.2940, -19.3719, 6.7582$ , and  $152.4120, -24.8531, 38.2267$  is the 20% darker color. If you saturate the color by 10%, you get  $195.9100, -33.4796, 51.8219$ , and if you desaturate by 10%, it is  $219.3340, -19.8847, 31.2791$ .

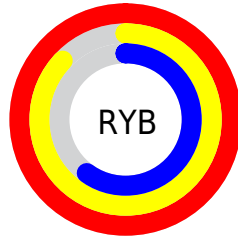
# Distribution



Red (100%)

Green (76%)

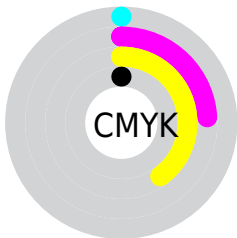
Blue (60%)



Red (100%)

Yellow (87%)

Blue (60%)

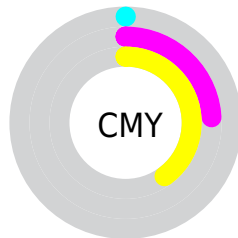


Cyan (0%)

Magenta (24%)

Yellow (40%)

Black (0%)



Cyan (0%)

Magenta (24%)


Yellow (40%)


# Brightness & Saturation Gradients

These gradients show how the YUV color 207.5650, -26.9005, 41.6005 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 207.5650, -26.9005, 41.6005 by changing the saturation by 10% instead.




 207.5650,  
-26.9005, 41.6005

 207.5650,  
-26.9005, 41.6005


255.0000, 0.0000,  
0.0000

 179.7820,  
-26.0215, 39.6562


 247.2940,  
-19.3719, 6.7582


 152.4120,  
-24.8531, 38.2267

 252.8340, -8.2992,  
1.8996

 126.5150,  
-24.4109, 36.3823

 100.8460,  
-23.0951, 34.3381

 76.1770, -21.7793,  
32.2938

 52.5680, -21.4790,  
29.3199

 31.7400, -15.6478,

25.6610

■ 11.0630, -5.4541,  
22.7467

■ 0.0000, 0.0000,  
0.0000

■ 207.5650,  
-26.9005, 41.6005

■ 207.5650,  
-26.9005, 41.6005

■ 195.9100,  
-33.4796, 51.8219

■ 219.3340,  
-19.8847, 31.2791

■ 183.5540,  
-40.2061, 62.6581

■ 231.5760,  
-13.5950, 20.5428

■ 171.8990,  
-46.7852, 72.8796

■ 243.3450, -6.5791,  
10.2214

■ 160.1300,  
-53.8011, 83.2010

■ 255.0000, 0.0000,  
0.0000

■ 148.3610,  
-60.8170, 93.5224

■ 136.1190,  
-67.1067, 104.2586

# Harmonies

## Analogous

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



205.6050, -14.1023, 43.3194



207.5650, -26.9005, 41.6005



205.2220, -30.1824, 20.8533

# Triad

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



207.5650, -26.9005, 41.6005



192.3470, 6.7309, -59.0633



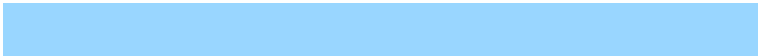
208.9720, 22.6918, 1.7786

# Complementary

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



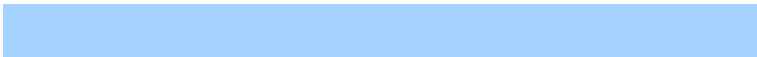
207.5650, -26.9005, 41.6005



200.4350, 26.9005, -41.6005

# 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.



201.9740, 26.1418, -31.5492



207.5650, -26.9005, 41.6005



189.9120, 23.2144, -72.7138

# Square

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



207.5650, -26.9005, 41.6005



197.1040, -11.3903, -33.4172



194.1120, 30.0178, -61.4882



211.4550, 13.5797, 31.1730



# Rectangle

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



207.5650, -26.9005, 41.6005



202.5080, -27.3654, 3.9395



194.1120, 30.0178, -61.4882



206.5470, 23.8873, -8.3727

# Sweetspot

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



207.5650, -26.9005, 41.6005



240.9000, -8.3317, 12.3657



190.4520, 11.6092, 56.6086



119.4910, -4.6791, 7.4624



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.



207.5650, -26.9005, 41.6005



198.2410, -32.1638, 49.7776



237.5020, -41.6595, 15.3457



121.8220, -3.3632, 5.4181



102.3080, -50.4378, 77.7829

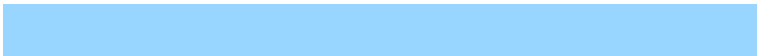


34.3980, -16.9582, 25.9610



# Inverse Universe

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



200.4350, 26.9005, -41.6005



189.7590, 32.1638, -49.7776



170.4980, 41.6595, -15.3457



120.5910, 3.6526, -4.9033



88.6920, 50.4378, -77.7829



29.6020, 16.9582, -25.9610



# Previews

## White Background



This preview shows how the YUV color 207.5650, -26.9005, 41.6005 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

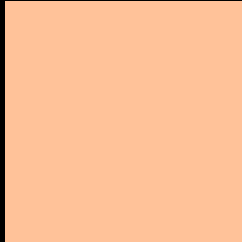
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 207.5650, -26.9005, 41.6005 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

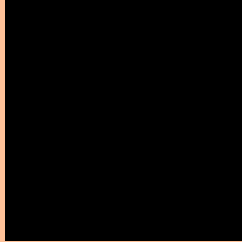
Any Text WCAG AA ✓ Pass

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 207.5650, -26.9005, 41.6005 Background



This preview shows how black text looks on a background with the YUV color 207.5650, -26.9005, 41.6005.



This preview shows how white text looks on a background with the YUV color 207.5650, -26.9005, 41.6005.

41.6005.

# 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

207.5650, -26.9005, 41.6005

### Protanopia

205.7140, -23.0300, 13.4058

### Deuteranopia

206.8090, -27.0208, 33.4935



## **Tritanopia**

210.2160, -4.0505, 39.2756

# Trichromacy



## Original Color

207.5650, -26.9005, 41.6005

## Protanomaly

206.1390, -24.2255, 23.5571

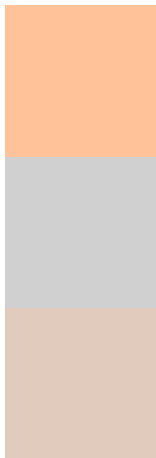
## Deuteranomaly

207.4180, -27.3211, 36.4674

## Tritanomaly

209.3380, -12.4916, 40.0456

# Monochromacy



## Original Color

207.5650, -26.9005, 41.6005

## Achromatopsia

208.0000, 0.0000, 0.0000

## Achromatomaly

207.8680, -9.7949, 15.0248

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 207.5650, -26.9005, 41.6005 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, 194, 153)` looks like.

```
.text, #text, p{  
  color:rgb(255, 194, 153)  
}
```

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, 194, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 194, 153) }
```

## Border

The CSS property to change the border of an element to YUV 207.5650, -26.9005, 41.6005 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, 194, 153) }
```



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

```
.border{ border-color:rgb(255, 194, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 194, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 194, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 194, 153);  
box-shadow:4px 4px 4px 4px rgb(255, 194,  
153) }
```

# Background

The CSS property to change the background color of an element to YUV 207.5650, -26.9005, 41.6005 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 194, 153) }
```

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

```
.background{ background-color: rgb(255,  
194, 153) }
```

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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