

# Converting Colors

YUV(166.0650, -21.7240,  
61.3330)

Have a look what the booklet for  
YUV(166.0650, -21.7240, 61.3330)  
contains.

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# Color

**YUV(166.0650, -21.7240,  
61.3330)**

# Conversions

## Conversions Part 1

Format	Color
Hex	EC8B7A
RGB	236, 139, 122
RGB Percent	93%, 55%, 48%
CMY	0.0745, 0.4549, 0.5216
CMYK	0.00, 0.41, 0.48, 0.07
HSL	9°, 75%, 70%
HSV	9°, 48%, 93%
XYZ	47.3375, 37.7032, 23.1948
YIQ	166.0650, 63.2690, 15.2770

# Conversions

## Conversions Part 2

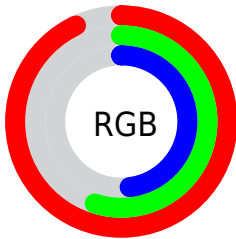
Format	Color
R <sub>Y</sub> B	236, 142, 122
Decimal	15502202
CIE Lab	67.80, 35.12, 25.04
CIE LCh	68, 43.131, 35.487
Yxy	37.7032, 0.4374, 0.3483
Android (android.graphics.Color)	4293692282 (0xFFEC8B7A)
YUV	166.0650, -21.7240, 61.3330
Hunter-Lab	61.4030, 30.1563, 20.5854

# Details

The YUV color **166.0650, -21.7240, 61.3330** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **191.9350, 21.7240, -61.3330**, and the grayscale version is **166.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **210.0730, -17.2910, 39.4010**, and **112.3140, -19.3818, 56.7296** is the 20% darker color. If you saturate the color by 10%, you get **151.5890, -26.4194, 74.0284**, and if you desaturate by 10%, it is **180.5410, -17.0287, 48.6375**.

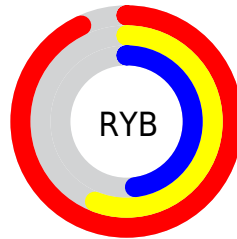
# Distribution



Red (93%)

Green (55%)

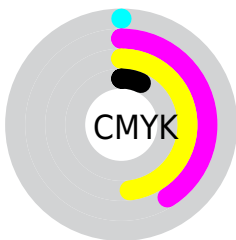
Blue (48%)



Red (93%)

Yellow (56%)

Blue (48%)

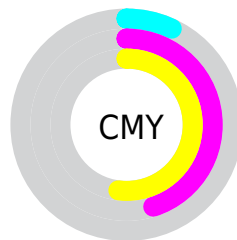


Cyan (0%)

Magenta (41%)

Yellow (48%)

Black (7%)



Cyan (7%)

Magenta (45%)

Yellow (52%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 166.0650, -21.7240, 61.3330 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 166.0650, -21.7240, 61.3330 by changing the saturation by 10% instead.



166.0650,  
-21.7240, 61.3330

166.0650,  
-21.7240, 61.3330

255.0000, 0.0000,  
0.0000

138.9830,  
-20.6976, 58.7739

210.0730,  
-17.2910, 39.4010

112.3140,  
-19.3818, 56.7296

229.5870,  
-13.6004, 22.2872

86.3460, -17.9186,  
54.0706

249.8020, -9.7624,  
4.5586

61.1930, -15.8711,  
50.6967

33.6490, -14.1240,  
50.2968

19.1360, -9.4340,  
39.3457

11.7750, -5.3121,

23.8763

■ 0.0000, 0.0000,  
0.0000

■ 166.0650,  
-21.7240, 61.3330

■ 166.0650,  
-21.7240, 61.3330

■ 151.5890,  
-26.4194, 74.0284

■ 180.5410,  
-17.0287, 48.6375

■ 137.2270,  
-30.6779, 86.6239

■ 194.9030,  
-12.7702, 36.0421

■ 122.7510,  
-35.3732, 99.3194

■ 209.3790, -8.0748,  
23.3466

■ 108.3890,  
-39.6318, 111.9148

■ 223.7410, -3.8163,  
10.7511

■ 93.9130, -44.3271,  
124.6103

■ 238.2170, 0.8790,  
-1.9443

■ 91.1090, -44.9167,  
127.0694

■ 249.3190, 2.8007,  
-11.6808

# Harmonies

## Analogous

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



168.2450, -4.5578, 62.0521



166.0650, -21.7240, 61.3330



164.6380, -34.3315, 45.0445

# Triad

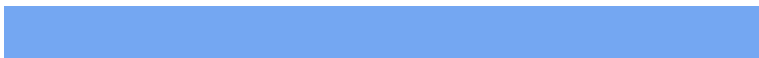
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



166.0650, -21.7240, 61.3330



149.6780, -8.7153, -51.4606



160.3010, 40.2776, -38.8520

# Complementary

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



166.0650, -21.7240, 61.3330



191.9350, 21.7240, -61.3330

# 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.



131.2760, 51.1359, -115.1291



166.0650, -21.7240, 61.3330



128.6760, 20.8657, -112.8489

# Square

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



166.0650, -21.7240, 61.3330



156.8710, -28.0374, -13.9189



131.8340, 38.0428, -115.6184



168.5520, 29.8009, 8.2859



# Rectangle

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



166.0650, -21.7240, 61.3330



162.6160, -37.7717, 28.4008



131.8340, 38.0428, -115.6184



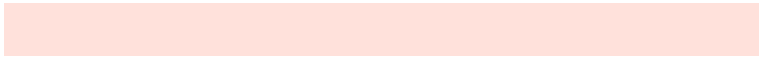
154.8750, 42.9526, -56.8954

# Sweetspot

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



166.0650, -21.7240, 61.3330



233.2860, -7.0430, 19.0432



167.3720, 26.4386, 60.1868



114.3390, -4.1111, 11.9807



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.



166.0650, -21.7240, 61.3330



164.1660, -28.1828, 79.6614



198.3500, -37.6406, 33.0190



109.8760, -1.9109, 6.2477



69.9680, -34.4942, 97.3751



20.8420, -10.2751, 29.0796



# Inverse Universe

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



191.9350, 21.7240, -61.3330



197.8340, 28.1828, -79.6614



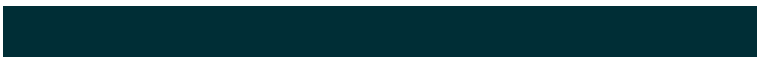
159.6500, 37.6405, -33.0191



113.1240, 1.9109, -6.2477



111.0320, 34.4942, -97.3751



33.1580, 10.2751, -29.0796



# Previews

## White Background



This preview shows how the YUV color 166.0650, -21.7240, 61.3330 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

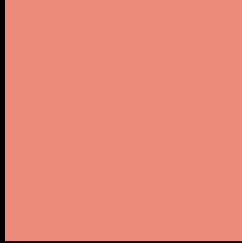
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 166.0650, -21.7240, 61.3330 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

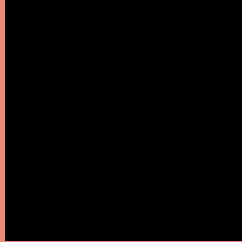
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# YUV 166.0650, -21.7240, 61.3330

## Background



This preview shows how black text looks on a background with the YUV color 166.0650, -21.7240, 61.3330.



This preview shows how white text looks on a background with the YUV color 166.0650, -21.7240,



# 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

166.0650, -21.7240, 61.3330

### Protanopia

164.7550, -15.1622, 9.8619

### Deuteranopia

165.6880, -23.5102, 27.4606



## Tritanopia

167.6380, -10.6675, 61.7075

# Trichromacy



## Original Color

166.0650, -21.7240, 61.3330

## Protanomaly

165.5940, -17.5478, 28.4201

## Deuteranomaly

165.8790, -23.1113, 39.5711

## Tritanomaly

166.9000, -14.7407, 61.4777

# Monochromacy



## Original Color

166.0650, -21.7240, 61.3330

## Achromatopsia

166.0000, 0.0000, 0.0000

## Achromatomaly

165.7810, -7.7800, 22.1171

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 166.0650, -21.7240, 61.3330 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(236, 139, 122)` looks like.

```
.text, #text, p{  
    color:rgb(236, 139, 122)  
}
```

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(236, 139, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 139, 122) }
```

## Border

The CSS property to change the border of an element to YUV 166.0650, -21.7240, 61.3330 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(236, 139, 122) }
```



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

```
.border{ border-color:rgb(236, 139, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(236, 139, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 139, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 139, 122);  
box-shadow:4px 4px 4px 4px rgb(236, 139,  
122) }
```

# Background

The CSS property to change the background color of an element to YUV 166.0650, -21.7240, 61.3330 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 139, 122) }
```

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

```
.background{ background-color: rgb(236,  
139, 122) }
```

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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