

# Converting Colors

YUV(210.0690, 15.7420,  
37.6505)

Have a look what the booklet for  
YUV(210.0690, 15.7420, 37.6505)  
contains.

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# Color

**YUV(210.0690, 15.7420,  
37.6505)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FDB6F2
RGB	253, 182, 242
RGB Percent	99%, 71%, 95%
CMY	0.0078, 0.2863, 0.0510
CMYK	0.00, 0.28, 0.04, 0.01
HSL	309°, 95%, 85%
HSV	309°, 28%, 99%
XYZ	73.2630, 60.7493, 91.8688
YIQ	210.0690, 23.0560, 33.7120

# Conversions

## Conversions Part 2

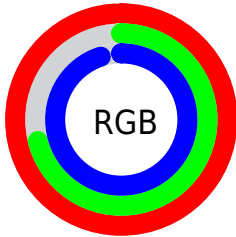
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	253, 182, 242
Decimal	16627442
CIE Lab	82.24, 34.98, -19.60
CIE LCh	82, 40.096, 330.734
Yxy	60.7493, 0.3243, 0.2689
Android (android.graphics.Color)	4294817522 (0xFFFDB6F2)
YUV	210.0690, 15.7420, 37.6505
Hunter-Lab	77.9419, 31.3863, -15.3249

# Details

The YUV color  $210.0690, 15.7420, 37.6505$  is a light color, and the websafe version is hex  $\text{FFCCFF}$ . A complement of this color would be  $224.9310, -15.7420, -37.6505$ , and the grayscale version is  $210.0000, 0.0000, 0.0000$ .

A 20% lighter version of the original color is  $245.6080, 4.6303, 8.2368$ , and  $154.6450, 15.4580, 35.3913$  is the 20% darker color. If you saturate the color by 10%, you get  $194.9380, 21.2296, 50.9204$ , and if you desaturate by 10%, it is  $225.2000, 10.2544, 24.3806$ .

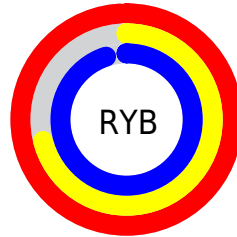
# Distribution



Red (99%)

Green (71%)

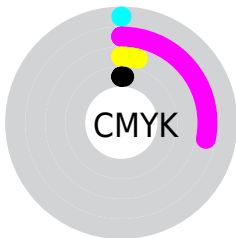
Blue (95%)



Red (99%)

Yellow (71%)

Blue (95%)

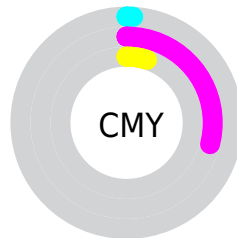


Cyan (0%)

Magenta (28%)

Yellow (4%)

Black (1%)



Cyan (1%)

Magenta (29%)


Yellow (5%)


# Brightness & Saturation Gradients

These gradients show how the YUV color 210.0690, 15.7420, 37.6505 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 210.0690, 15.7420, 37.6505 by changing the saturation by 10% instead.




 210.0690, 15.7420,  
37.6505


 210.0690, 15.7420,  
37.6505


255.0000, 0.0000,  
0.0000


 182.3570, 15.6000,  
36.5209


 245.6080, 4.6303,  
8.2368

 154.6450, 15.4580,  
35.3913

 128.2320, 15.1686,  
34.8765

 102.5200, 15.0266,  
33.7470

 77.3950, 14.5953,  
32.1026

 53.0960, 14.7427,  
31.4878

 27.1500, 16.1951,

32.3175

■ 16.8900, 10.4072,  
22.0215

■ 1.7100, 6.5520,  
-1.4997

■ 210.0690, 15.7420,  
37.6505

■ 210.0690, 15.7420,  
37.6505

■ 194.9380, 21.2296,  
50.9204

■ 225.2000, 10.2544,  
24.3806

■ 179.2200, 27.0065,  
64.7051

■ 240.9180, 4.4774,  
10.5959

■ 164.0890, 32.4941,  
77.9749

■ 254.2880, -0.1420,  
-1.1296

■ 148.9580, 37.9817,  
91.2448

■ 254.4020, 0.2948,  
-1.2296

■ 133.2400, 43.7587,  
105.0295

■ 118.1090, 49.2463,  
118.2994

■ 103.0920, 55.1706,  
131.4693

■ 100.0430, 56.1808,  
134.1433

# Harmonies

## Analogous

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



206.3250, 23.9968, 3.2230



210.0690, 15.7420, 37.6505



202.9270, 1.0220, 45.6680

# Triad

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



210.0690, 15.7420, 37.6505



202.3380, -36.1556, 23.3826



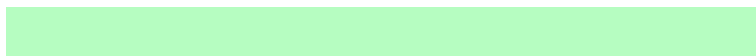
178.2120, 31.4475, -100.1639

# Complementary

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



210.0690, 15.7420, 37.6505



224.9310, -15.7420, -37.6505

# 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.



184.6330, 9.5479, -75.9771



210.0690, 15.7420, 37.6505



198.2740, -29.2221, -7.2563

# Square

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



210.0690, 15.7420, 37.6505



203.7350, -31.4214, 44.9594



192.1200, -12.3842, -41.3242



184.8430, 34.5874, -80.5463



# Rectangle

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



210.0690, 15.7420, 37.6505



200.6640, -10.1874, 47.6527



192.1200, -12.3842, -41.3242



179.5240, 24.8847, -95.1755

# Sweetspot

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



210.0690, 15.7420, 37.6505



242.9180, 4.4774, 10.5959



193.3830, 29.3912, -0.3359



120.1410, 2.8885, 6.8923



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.



210.0690, 15.7420, 37.6505



202.4490, 19.4986, 46.0872



206.0790, 0.4541, 41.1497



120.1410, 2.8885, 6.8923



75.5770, 42.6065, 101.2260



25.2920, 14.1530, 33.9469



# Inverse Universe

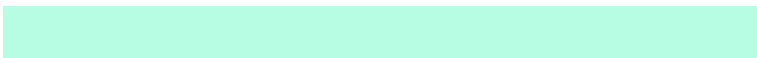
The Inverse Universe completely reimagines the original color for something new.



210.0690, 15.7420, 37.6505



202.4490, 19.4986, 46.0872



228.9210, -0.4541, -41.1497



120.1410, 2.8885, 6.8923



75.5770, 42.6065, 101.2260

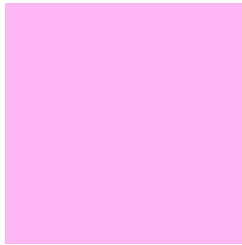


25.2920, 14.1530, 33.9469



# Previews

## White Background



This preview shows how the YUV color 210.0690, 15.7420, 37.6505 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

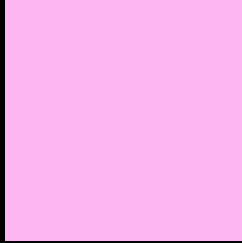
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 210.0690, 15.7420, 37.6505 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 210.0690, 15.7420, 37.6505 Background



This preview shows how black text looks on a background with the YUV color 210.0690, 15.7420, 37.6505.



This preview shows how white text looks on a background with the YUV color 210.0690, 15.7420,



# 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

210.0690, 15.7420, 37.6505

### Protanopia

205.6390, 24.3350, -11.9614

### Deuteranopia

207.1370, 15.7085, 1.6339



## Tritanopia

208.3510, -2.1450, 34.7722

# Trichromacy



## Original Color

210.0690, 15.7420, 37.6505



## Protanomaly

206.9510, 21.2232, 6.1820



## Deuteranomaly

207.9260, 15.8125, 14.9739



## Tritanomaly

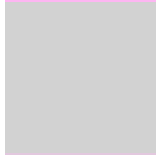
208.7840, 4.5435, 36.1464

# Monochromacy



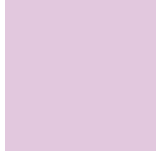
## Original Color

210.0690, 15.7420, 37.6505



## Achromatopsia

210.0000, 0.0000, 0.0000



## Achromatomaly

210.2820, 5.7770, 13.7847

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 210.0690, 15.7420, 37.6505 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, 182, 242)` looks like.

```
.text, #text, p{  
    color:rgb(253, 182, 242)  
}
```

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, 182, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 182, 242) }
```

## Border

The CSS property to change the border of an element to YUV 210.0690, 15.7420, 37.6505 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, 182, 242) }
```



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

```
.border{ border-color:rgb(253, 182, 242) }
```

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

Here you see how a box with a 4 pixel `rgb(253, 182, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 182, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 182, 242);  
box-shadow:4px 4px 4px 4px rgb(253, 182,  
242) }
```

# Background

The CSS property to change the background color of an element to YUV 210.0690, 15.7420, 37.6505 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 182, 242) }
```

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

```
.background{ background-color: rgb(253,  
182, 242) }
```

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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