

# Converting Colors

YUV(220.7650, -6.7861,  
30.0241)

Have a look what the booklet for  
YUV(220.7650, -6.7861, 30.0241)  
contains.

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# Color

**YUV(220.7650, -6.7861,  
30.0241)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FFCECF
RGB	255, 206, 207
RGB Percent	100%, 81%, 81%
CMY	0.0000, 0.1922, 0.1882
CMYK	0.00, 0.19, 0.19, 0.00
HSL	359°, 100%, 90%
HSV	359°, 19%, 100%
XYZ	74.5738, 69.9076, 68.5945
YIQ	220.7650, 28.8830, 10.6990

# Conversions

## Conversions Part 2

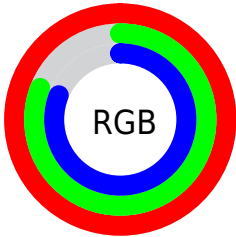
Format	Color
R <sub>Y</sub> B	255, 206, 207
Decimal	16764623
CIE Lab	86.95, 17.40, 6.05
CIE LCh	87, 18.427, 19.173
Yxy	69.9076, 0.3500, 0.3281
Android (android.graphics.Color)	4294954703 (0xFFFFCECF)
YUV	220.7650, -6.7861, 30.0241
Hunter-Lab	83.6108, 12.8882, 9.8858

# Details

The YUV color  $220.7650, -6.7861, 30.0241$  is a light color, and the websafe version is hex  $\text{FFCCCC}$ . A complement of this color would be  $240.2350, 6.7861, -30.0241$ , and the grayscale version is  $221.0000, 0.0000, 0.0000$ .

A 20% lighter version of the original color is  $255.0000, 0.0000, 0.0000$ , and  $165.8680, -6.3439, 28.1798$  is the 20% darker color. If you saturate the color by 10%, you get  $202.6530, -10.1819, 45.9083$ , and if you desaturate by 10%, it is  $238.8770, -3.3904, 14.1399$ .

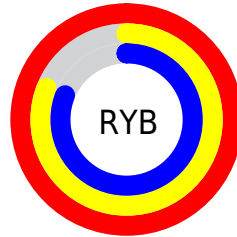
# Distribution



Red (100%)

Green (81%)

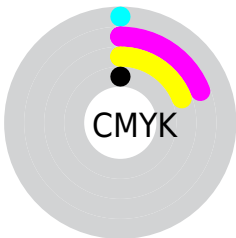
Blue (81%)



Red (100%)

Yellow (81%)

Blue (81%)

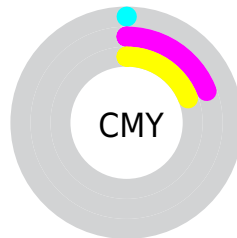


Cyan (0%)

Magenta (19%)

Yellow (19%)

Black (0%)



Cyan (0%)

Magenta (19%)


Yellow (19%)


# Brightness & Saturation Gradients

These gradients show how the YUV color 220.7650, -6.7861, 30.0241 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 220.7650, -6.7861, 30.0241 by changing the saturation by 10% instead.



 220.7650, -6.7861,  
30.0241

 220.7650, -6.7861,  
30.0241


255.0000, 0.0000,  
0.0000

 192.4660, -6.6387,  
29.4093

 165.8680, -6.3439,  
28.1798

 139.2700, -6.0491,  
26.9502

 113.0850, -5.4649,  
26.2355

 88.4870, -5.1701,  
25.0059

 64.5900, -4.7279,  
23.1616

 42.1060, -3.9963,

21.8320

■ 20.2800, -4.5750,  
20.8024

■ 3.2890, -1.6215,  
6.7625

■ 220.7650, -6.7861,  
30.0241

■ 220.7650, -6.7861,  
30.0241

■ 202.6530,  
-10.1819, 45.9083

■ 238.8770, -3.3904,  
14.1399

■ 185.1280,  
-13.8671, 61.2777

255.0000, 0.0000,  
0.0000

■ 167.6030,  
-17.5523, 76.6472

■ 149.4910,  
-20.9481, 92.5314

■ 131.9660,  
-24.6332, 107.9008

■ 113.8540,  
-28.0290, 123.7850

■ 95.7420, -31.4248,  
139.6693

■ 78.2170, -35.1100,  
155.0387

■ 76.8150, -35.4048,  
156.2682

# Harmonies

## Analogous

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



221.0230, 1.9607, 24.5358



220.7650, -6.7861, 30.0241



219.6200, -13.6167, 27.5203

# Triad

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



220.7650, -6.7861, 30.0241



214.1050, -9.4188, -12.3701



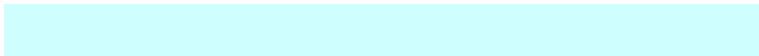
215.5640, 17.9629, -21.5426

# Complementary

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



220.7650, -6.7861, 30.0241



240.2350, 6.7861, -30.0241

# 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.



213.1020, 15.2327, -32.5385



220.7650, -6.7861, 30.0241



212.3080, -0.6448, -26.5801

# Square

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



220.7650, -6.7861, 30.0241



216.0100, -15.2879, 3.4992



211.6690, 8.5442, -33.9127



218.5060, 16.0195, -4.8288



# Rectangle

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



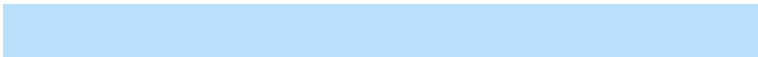
220.7650, -6.7861, 30.0241



218.3050, -15.9264, 21.6575



211.6690, 8.5442, -33.9127



214.7160, 17.3950, -26.0609

# Sweetspot

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



220.7650, -6.7861, 30.0241



244.4850, -2.2111, 9.2217



225.6390, 14.4750, 23.9956



121.6910, -1.3267, 5.5330



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.



220.7650, -6.7861, 30.0241



213.8690, -7.8234, 36.0719



234.1520, -13.8789, 18.2837



118.8870, -1.9163, 7.9921



57.5650, -26.4075, 117.0225



19.2500, -8.9972, 39.2458



# Inverse Universe

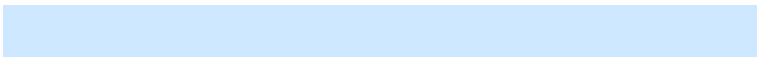
The Inverse Universe completely reimagines the original color for something new.



220.7650, -6.7861, 30.0241



213.8690, -7.8234, 36.0719



226.8480, 13.8789, -18.2837



118.8870, -1.9163, 7.9921



57.5650, -26.4075, 117.0225



19.2500, -8.9972, 39.2458



# Previews

## White Background



This preview shows how the YUV color 220.7650, -6.7861, 30.0241 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

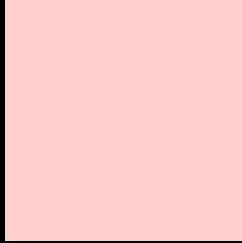
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 220.7650, -6.7861, 30.0241 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 220.7650, -6.7861, 30.0241

## Background



This preview shows how black text looks on a background with the YUV color 220.7650, -6.7861, 30.0241.



This preview shows how white text looks on a background with the YUV color 220.7650, -6.7861,



# 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

220.7650, -6.7861, 30.0241

### Protanopia

218.3380, -2.6316, 4.0886

### Deuteranopia

219.9980, -6.9010, 20.1728



## Tritanopia

221.6600, -0.8184, 29.2392

# Trichromacy



## Original Color

220.7650, -6.7861, 30.0241

## Protanomaly

219.3500, -4.1165, 13.7251

## Deuteranomaly

220.0200, -6.9119, 23.6615

## Tritanomaly

221.0900, -3.0024, 29.7391

# Monochromacy



## Original Color

220.7650, -6.7861, 30.0241

## Achromatopsia

221.0000, 0.0000, 0.0000

## Achromatomaly

221.0830, -2.5059, 10.4512

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 220.7650, -6.7861, 30.0241 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, 206, 207)` looks like.

```
.text, #text, p{  
    color:rgb(255, 206, 207)  
}
```

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, 206, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 206, 207) }
```

## Border

The CSS property to change the border of an element to YUV 220.7650, -6.7861, 30.0241 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, 206, 207) }
```



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

```
.border{ border-color:rgb(255, 206, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 206, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 206, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 206, 207);  
box-shadow:4px 4px 4px 4px rgb(255, 206,  
207) }
```

# Background

The CSS property to change the background color of an element to YUV 220.7650, -6.7861, 30.0241 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 206, 207) }
```

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

```
.background{ background-color: rgb(255,  
206, 207) }
```

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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