

# Converting Colors

YUV(240.9630, -0.4748,  
12.3104)

Have a look what the booklet for  
YUV(240.9630, -0.4748, 12.3104)  
contains.

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# Color

**YUV(240.9630, -0.4748,  
12.3104)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FFEAFO
RGB	255, 234, 240
RGB Percent	100%, 92%, 94%
CMY	0.0000, 0.0824, 0.0588
CMYK	0.00, 0.08, 0.06, 0.00
HSL	343°, 100%, 96%
HSV	343°, 8%, 100%
XYZ	86.3910, 86.3969, 94.5611
YIQ	240.9630, 10.5900, 6.3180

# Conversions

## Conversions Part 2

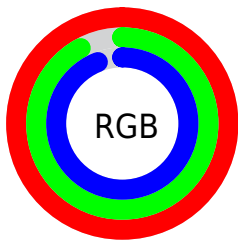
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	255, 234, 240
Decimal	16771824
CIE <sub>Lab</sub>	94.48, 8.12, -0.33
CIE <sub>LCh</sub>	94, 8.128, 357.674
Yxy	86.3969, 0.3231, 0.3232
Android (android.graphics.Color)	4294961904 (0xFFFFEAF0)
YUV	240.9630, -0.4748, 12.3104
Hunter-Lab	92.9499, 3.2419, 4.7473

# Details

The YUV color  $240.9630, -0.4748, 12.3104$  is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be  $248.0370, 0.4748, -12.3104$ , and the grayscale version is  $241.0000, 0.0000, 0.0000$ .

A 20% lighter version of the original color is  $255.0000, 0.0000, 0.0000$ , and  $184.6640, -0.3274, 11.6957$  is the 20% darker color. If you saturate the color by 10%, you get  $224.2360, -1.1023, 26.9800$ , and if you desaturate by 10%, it is  $255.0000, 0.0000, 0.0000$ .

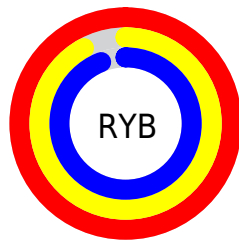
# Distribution



Red (100%)

Green (92%)

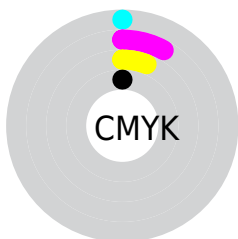
Blue (94%)



Red (100%)

Yellow (92%)

Blue (94%)

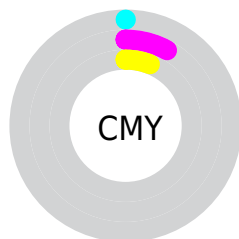


Cyan (0%)

Magenta (8%)

Yellow (6%)

Black (0%)



Cyan (0%)

Magenta (8%)


Yellow (6%)


# Brightness & Saturation Gradients

These gradients show how the YUV color 240.9630, -0.4748, 12.3104 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 240.9630, -0.4748, 12.3104 by changing the saturation by 10% instead.




 240.9630, -0.4748,  
12.3104

 240.9630, -0.4748,  
12.3104

255.0000, 0.0000,  
0.0000


 212.6640, -0.3274,  
11.6957

 184.6640, -0.3274,  
11.6957

 158.2510, -0.6167,  
11.1809

 131.9520, -0.4693,  
10.5661

 106.9520, -0.4693,  
10.5661

 82.6530, -0.3219,  
9.9513

 59.3540, -0.1745,

9.3365

■ 37.6420, -0.3165,  
8.2070

■ 15.7670, 0.1149,  
9.8513

■ 240.9630, -0.4748,  
12.3104

■ 240.9630, -0.4748,  
12.3104

■ 224.2360, -1.1023,  
26.9800

255.0000, 0.0000,  
0.0000

■ 206.9220, -1.4405,  
42.1644

■ 189.4940, -2.2155,  
57.4488

■ 172.7670, -2.8431,  
72.1183

■ 155.4530, -3.1813,  
87.3027

■ 138.7260, -3.8089,  
101.9723

■ 121.9990, -4.4365,  
116.6419

■ 104.5710, -5.2115,  
131.9262

■ 87.8440, -5.8391,  
146.5958

# Harmonies

## Analogous

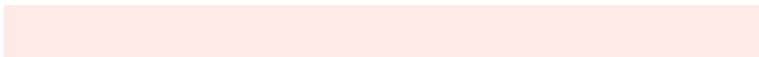
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



240.6680, 3.6147, 7.3072



240.9630, -0.4748, 12.3104



240.0510, -3.9691, 13.1103

# Triad

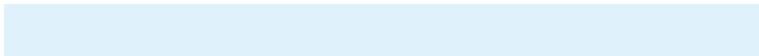
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



240.9630, -0.4748, 12.3104



238.2790, -6.5465, -0.2447



237.4590, 7.1687, -12.6805

# Complementary

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



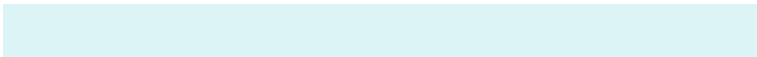
240.9630, -0.4748, 12.3104



248.0370, 0.4748, -12.3104

# 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.



237.0520, 4.4114, -14.9546



240.9630, -0.4748, 12.3104



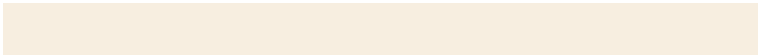
237.4460, -3.1779, -7.4071

# Square

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



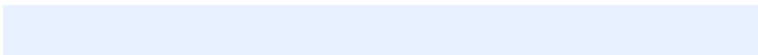
240.9630, -0.4748, 12.3104



239.0950, -7.4418, 6.9327



236.7380, 0.6222, -12.9252



239.0190, 7.8786, -7.0327

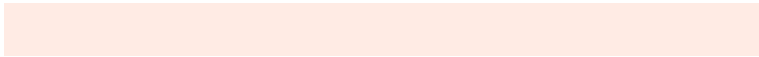


# Rectangle

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



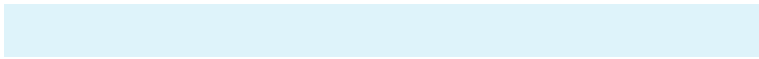
240.9630, -0.4748, 12.3104



240.1820, -6.0057, 12.9954



236.7380, 0.6222, -12.9252



237.5190, 6.1531, -13.6102

# Sweetspot

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



240.9630, -0.4748, 12.3104



251.6090, -0.3002, 2.9739



240.8790, 6.9617, 7.1221



126.0110, -0.0054, 1.7444



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000



# Same Dimension

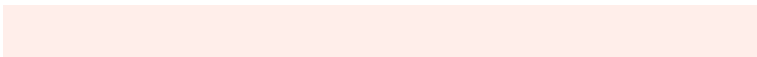
The Same Dimension uses a secret algorithm to generate beautiful new colors.



240.9630, -0.4748, 12.3104



238.2730, -0.6276, 14.6696



242.6270, -4.2531, 10.8511



119.2290, -0.6059, 7.6922



63.3790, -4.1308, 111.9236



21.1880, -1.5717, 37.5461



# Inverse Universe

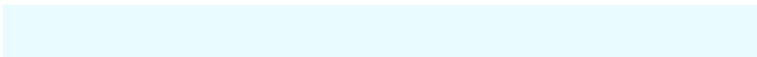
The Inverse Universe completely reimagines the original color for something new.



240.9630, -0.4748, 12.3104



238.2730, -0.6276, 14.6696



246.3730, 4.2531, -10.8511



119.2290, -0.6059, 7.6922



63.3790, -4.1308, 111.9236

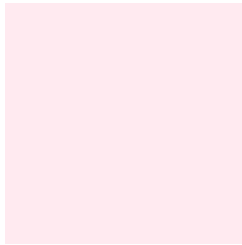


21.1880, -1.5717, 37.5461



# Previews

## White Background



This preview shows how the YUV color 240.9630, -0.4748, 12.3104 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

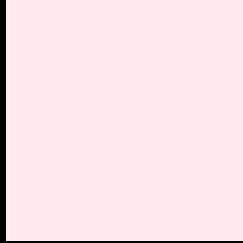
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 240.9630, -0.4748, 12.3104 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

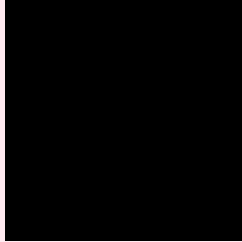
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# YUV 240.9630, -0.4748, 12.3104

## Background



This preview shows how black text looks on a background with the YUV color 240.9630, -0.4748, 12.3104.



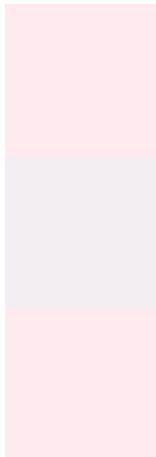
This preview shows how white text looks on a background with the YUV color 240.9630, -0.4748,



# 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

240.9630, -0.4748, 12.3104

### Protanopia

239.6520, 1.1576, 2.0592

### Deuteranopia

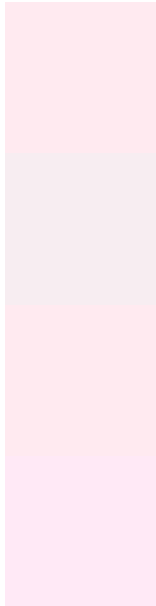
240.9630, -0.4748, 12.3104



## Tritanopia

241.5160, 4.1826, 11.8255

# Trichromacy



## Original Color

240.9630, -0.4748, 12.3104

## Protanomaly

240.4460, 0.2731, 5.7479

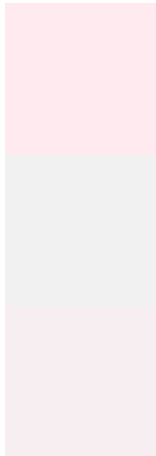
## Deuteranomaly

240.9630, -0.4748, 12.3104

## Tritanomaly

241.0600, 2.4354, 12.2254

# Monochromacy



## Original Color

240.9630, -0.4748, 12.3104

## Achromatopsia

241.0000, 0.0000, 0.0000

## Achromatomaly

240.7340, 0.1311, 4.6183

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 240.9630, -0.4748, 12.3104 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, 234, 240)` looks like.

```
.text, #text, p{  
    color:rgb(255, 234, 240)  
}
```

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, 234, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 234, 240) }
```

## Border

The CSS property to change the border of an element to YUV 240.9630, -0.4748, 12.3104 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, 234, 240) }
```



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

```
.border{ border-color:rgb(255, 234, 240) }
```

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

Here you see how a box with a 4 pixel rgb(255, 234, 240) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 234, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 234, 240);  
box-shadow:4px 4px 4px 4px rgb(255, 234,  
240) }
```

# Background

The CSS property to change the background color of an element to YUV 240.9630, -0.4748, 12.3104 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 234, 240) }
```

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

```
.background{ background-color: rgb(255,  
234, 240) }
```

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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