

# Converting Colors

YUV(224.4760, 15.0483,  
26.7695)

Have a look what the booklet for  
YUV(224.4760, 15.0483, 26.7695)  
contains.

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# Color

**YUV(224.4760, 15.0483,  
26.7695)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FFCBFF
RGB	255, 203, 255
RGB Percent	100%, 80%, 100%
CMY	0.0000, 0.2039, 0.0000
CMYK	0.00, 0.20, 0.00, 0.00
HSL	300°, 100%, 90%
HSV	300°, 20%, 100%
XYZ	80.6459, 71.1919, 104.0986
YIQ	224.4760, 14.3000, 27.1960

# Conversions

## Conversions Part 2

<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	255, 203, 255
Decimal	16763903
CIE <sub>Lab</sub>	87.58, 26.90, -18.44
CIE <sub>LCh</sub>	88, 32.611, 325.559
Yxy	71.1919, 0.3151, 0.2782
Android (android.graphics.Color)	4294953983 (0xFFFFCBFF)
YUV	224.4760, 15.0483, 26.7695
Hunter-Lab	84.3753, 22.9537, -14.0868

# Details

The YUV color  $224.4760, 15.0483, 26.7695$  is a light color, and the websafe version is hex  $FFCCFF$ . A complement of this color would be  $233.5240, -15.0483, -26.7695$ , and the grayscale version is  $224.0000, 0.0000, 0.0000$ .

A 20% lighter version of the original color is  $255.0000, 0.0000, 0.0000$ , and  $169.2370, 14.1802, 25.2252$  is the 20% darker color. If you saturate the color by 10%, you get  $209.8010, 22.2831, 39.6395$ , and if you desaturate by 10%, it is  $239.1510, 7.8136, 13.8996$ .

# Distribution



- Red (100%)
- Green (80%)
- Blue (100%)



- Red (100%)
- Yellow (80%)
- Blue (100%)



- Cyan (0%)
- Magenta (20%)
- Yellow (0%)
- Black (0%)



- Cyan (0%)
- Magenta (20%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 224.4760, 15.0483, 26.7695 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 224.4760, 15.0483, 26.7695 by changing the saturation by 10% instead.



224.4760, 15.0483,  
26.7695

224.4760, 15.0483,  
26.7695

255.0000, 0.0000,  
0.0000

196.0630, 14.7589,  
26.2547

169.2370, 14.1802,  
25.2252

141.9380, 14.3276,  
24.6104

116.1120, 13.7488,  
23.5808

91.4000, 13.6068,  
22.4512

66.9870, 13.3174,  
21.9364

44.1610, 12.7386,

20.9068

■ 20.8620, 12.8860,  
20.2920

■ 9.6560, 8.5506,  
10.8257

■ 224.4760, 15.0483,  
26.7695

■ 224.4760, 15.0483,  
26.7695

■ 209.8010, 22.2831,  
39.6395

■ 239.1510, 7.8136,  
13.8996

■ 194.5390, 29.8073,  
53.0243

254.4130, 0.2894,  
0.5148

■ 179.2770, 37.3314,  
66.4091

255.0000, 0.0000,  
0.0000

■ 164.6020, 44.5662,  
79.2790

■ 149.3400, 52.0904,  
92.6638

■ 134.6650, 59.3252,  
105.5338

■ 119.4030, 66.8493,  
118.9186

■ 105.3150, 73.7947,  
131.2737

# Harmonies

## Analogous

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



219.2830, 17.6085, -1.1252



224.4760, 15.0483, 26.7695



217.5340, 3.6807, 32.8577

# Triad

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



224.4760, 15.0483, 26.7695



218.3580, -29.7565, 24.2420



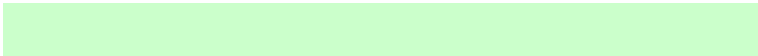
204.1360, 20.1460, -68.5253

# Complementary

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



224.4760, 15.0483, 26.7695



233.5240, -15.0483, -26.7695

# 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.



206.8700, 3.5151, -54.2600



224.4760, 15.0483, 26.7695



215.2300, -25.7494, -1.0787

# Square

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



224.4760, 15.0483, 26.7695



216.5470, -22.9477, 33.7233



210.9690, -13.2957, -28.9138



206.2170, 24.0500, -60.7033



# Rectangle

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



224.4760, 15.0483, 26.7695



215.1400, -5.4920, 34.9572



210.9690, -13.2957, -28.9138



204.4800, 15.0464, -66.1960

# Sweetspot

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



224.4760, 15.0483, 26.7695



246.1950, 4.3409, 7.7220



208.9280, 22.7135, -5.1989



122.7170, 2.6045, 4.6332



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.



224.4760, 15.0483, 26.7695



219.1930, 17.6529, 31.4027



221.5120, 3.6916, 29.3690



120.3690, 3.7621, 6.6924



78.8830, 55.2737, 98.3266



26.4320, 18.5210, 32.9471



# Inverse Universe

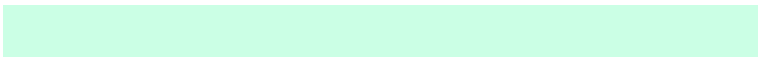
The Inverse Universe completely reimagines the original color for something new.



224.4760, 15.0483, 26.7695



219.1930, 17.6529, 31.4027



236.4880, -3.6916, -29.3690



120.3690, 3.7621, 6.6924



78.8830, 55.2737, 98.3266



26.4320, 18.5210, 32.9471



# Previews

## White Background



This preview shows how the YUV color 224.4760, 15.0483, 26.7695 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

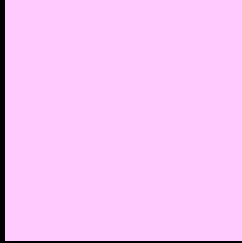
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 224.4760, 15.0483, 26.7695 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

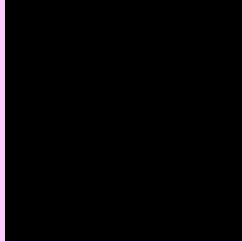
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# YUV 224.4760, 15.0483, 26.7695

## Background



This preview shows how black text looks on a background with the YUV color 224.4760, 15.0483, 26.7695.



This preview shows how white text looks on a background with the YUV color 224.4760, 15.0483,

26.7695.

# 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

224.4760, 15.0483, 26.7695

### Protanopia

220.4240, 17.0460, -7.3878

### Deuteranopia

221.7350, 15.4136, 2.8634



## Tritanopia

222.7950, 1.0871, 24.7358

# Trichromacy



## Original Color

224.4760, 15.0483, 26.7695



## Protanomaly

222.2730, 16.1344, 5.0226



## Deuteranomaly

222.7900, 15.3865, 11.5852



## Tritanomaly

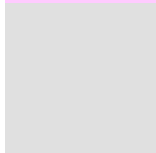
223.1740, 6.3232, 25.2804

# Monochromacy



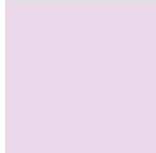
## Original Color

224.4760, 15.0483, 26.7695



## Achromatopsia

224.0000, 0.0000, 0.0000



## Achromatomaly

223.8470, 5.4984, 9.7812

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 224.4760, 15.0483, 26.7695 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, 203, 255)` looks like.

```
.text, #text, p{  
    color:rgb(255, 203, 255)  
}
```

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, 203, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 203, 255) }
```

## Border

The CSS property to change the border of an element to YUV 224.4760, 15.0483, 26.7695 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, 203, 255) }
```



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

```
.border{ border-color:rgb(255, 203, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 203, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 203, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 203, 255);  
box-shadow:4px 4px 4px 4px rgb(255, 203,  
255) }
```

# Background

The CSS property to change the background color of an element to YUV 224.4760, 15.0483, 26.7695 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 203, 255) }
```

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

```
.background{ background-color: rgb(255,  
203, 255) }
```

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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