

# Converting Colors

YUV(226.9090, 1.5239, 24.6358)

Have a look what the booklet for  
YUV(226.9090, 1.5239, 24.6358)  
contains.

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# Color

**YUV(226.9090, 1.5239,  
24.6358)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FFD4E6
RGB	255, 212, 230
RGB Percent	100%, 83%, 90%
CMY	0.0000, 0.1686, 0.0980
CMYK	0.00, 0.17, 0.10, 0.00
HSL	335°, 100%, 92%
HSV	335°, 17%, 100%
XYZ	79.0664, 74.0601, 84.9907
YIQ	226.9090, 19.8500, 14.7140

# Conversions

## Conversions Part 2

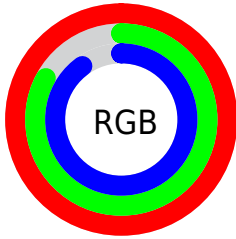
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	255, 212, 230
Decimal	16766182
CIE Lab	88.95, 17.87, -3.20
CIE LCh	89, 18.151, 349.852
Yxy	74.0601, 0.3320, 0.3110
Android (android.graphics.Color)	4294956262 (0xFFFFD4E6)
YUV	226.9090, 1.5239, 24.6358
Hunter-Lab	86.0582, 13.3959, 1.6862

# Details

The YUV color  $226.9090, 1.5239, 24.6358$  is a light color, and the websafe version is hex  $\text{FFCCCC}$ . A complement of this color would be  $240.0910, -1.5239, -24.6358$ , and the grayscale version is  $227.0000, 0.0000, 0.0000$ .

A 20% lighter version of the original color is  $255.0000, 0.0000, 0.0000$ , and  $171.3110, 1.8187, 23.4063$  is the 20% darker color. If you saturate the color by 10%, you get  $210.5240, 2.2067, 39.0055$ , and if you desaturate by 10%, it is  $243.8810, 0.5517, 9.7514$ .

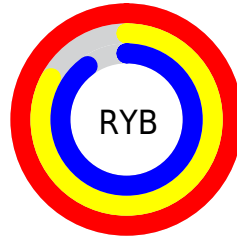
# Distribution



Red (100%)

Green (83%)

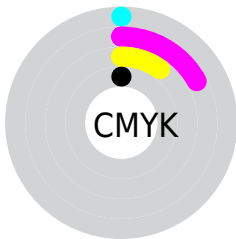
Blue (90%)



Red (100%)

Yellow (83%)

Blue (90%)

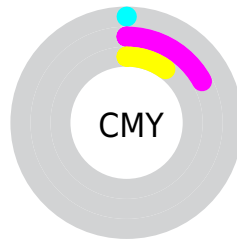


Cyan (0%)

Magenta (17%)

Yellow (10%)

Black (0%)



Cyan (0%)

Magenta (17%)

Yellow (10%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 226.9090, 1.5239, 24.6358 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 226.9090, 1.5239, 24.6358 by changing the saturation by 10% instead.





 226.9090, 1.5239,  
24.6358


 226.9090, 1.5239,  
24.6358

255.0000, 0.0000,  
0.0000

 198.6100, 1.6713,  
24.0210

 171.3110, 1.8187,  
23.4063

 144.5990, 1.6767,  
22.2767

 119.1860, 1.3873,  
21.7619

 93.8870, 1.5347,  
21.1471

 70.2890, 1.8295,  
19.9175

 47.2780, 1.8349,

18.1732

■ 25.6800, 2.1298,  
16.9436

■ 8.2300, -2.0854,  
15.5843

■ 226.9090, 1.5239,  
24.6358

■ 226.9090, 1.5239,  
24.6358

■ 210.5240, 2.2067,  
39.0055

■ 243.8810, 0.5517,  
9.7514

■ 193.5520, 3.1789,  
53.8899

255.0000, 0.0000,  
0.0000

■ 177.2810, 4.2985,  
68.1596

■ 160.3090, 5.2707,  
83.0440

■ 143.9240, 5.9535,  
97.4137

■ 126.9520, 6.9257,  
112.2981

■ 109.9800, 7.8979,  
127.1825

■ 93.5950, 8.5807,  
141.5522

■ 88.4430, 9.1486,  
146.0705

# Harmonies

## Analogous

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



226.0090, 9.8556, 12.2701



226.9090, 1.5239, 24.6358



224.8570, -6.3385, 26.4354

# Triad

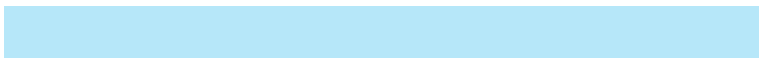
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



226.9090, 1.5239, 24.6358



221.7110, -15.1405, 2.8845



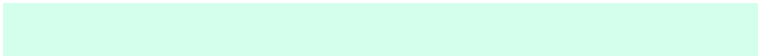
218.4010, 15.0853, -31.9237

# Complementary

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



226.9090, 1.5239, 24.6358



240.0910, -1.5239, -24.6358

# 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.



216.9680, 8.3968, -33.2979



226.9090, 1.5239, 24.6358



219.8060, -9.2714, -12.9849

# Square

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



226.9090, 1.5239, 24.6358



223.4570, -16.4943, 17.1392



217.7210, -0.3555, -26.0653



221.2220, 16.6526, -21.2427



# Rectangle

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



226.9090, 1.5239, 24.6358



224.8910, -11.2853, 26.4056



217.7210, -0.3555, -26.0653



217.9340, 13.3435, -33.2681

# Sweetspot

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



226.9090, 1.5239, 24.6358



246.5710, 0.7045, 7.3922



224.0780, 15.2445, 10.4556



122.7340, 0.1311, 4.6183



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000



# Same Dimension

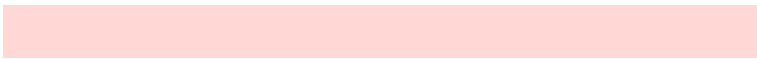
The Same Dimension uses a secret algorithm to generate beautiful new colors.



226.9090, 1.5239, 24.6358



221.6430, 1.6550, 29.2541



226.6180, -7.2067, 24.8910



119.4570, 0.2677, 7.4922



66.2290, 6.7891, 109.4242



22.2140, 2.3595, 36.6463



# Inverse Universe

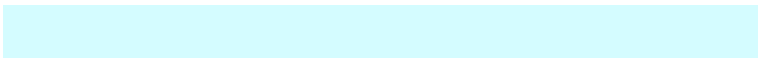
The Inverse Universe completely reimagines the original color for something new.



226.9090, 1.5239, 24.6358



221.6430, 1.6550, 29.2541



240.3820, 7.2067, -24.8910



119.4570, 0.2677, 7.4922



66.2290, 6.7891, 109.4242

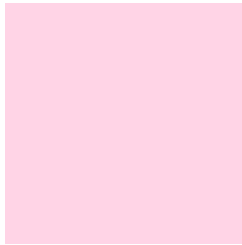


22.2140, 2.3595, 36.6463



# Previews

## White Background



This preview shows how the YUV color 226.9090, 1.5239, 24.6358 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

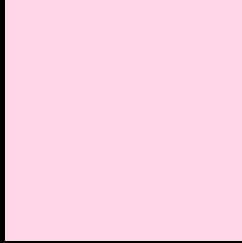
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 226.9090, 1.5239, 24.6358 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 226.9090, 1.5239, 24.6358

## Background



This preview shows how black text looks on a background with the YUV color 226.9090, 1.5239, 24.6358.



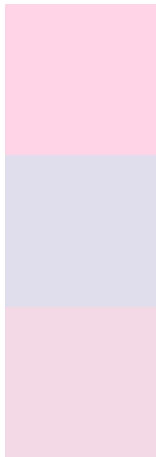
This preview shows how white text looks on a background with the YUV color 226.9090, 1.5239, 24.6358.

24.6358.

# 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

226.9090, 1.5239, 24.6358

### Protanopia

224.1940, 5.8204, -0.1701

### Deuteranopia

226.1420, 1.4090, 14.7845



## Tritanopia

226.7950, 1.0871, 24.7358

# Trichromacy



## Original Color

226.9090, 1.5239, 24.6358

## Protanomaly

224.9070, 4.4828, 8.8516

## Deuteranomaly

226.1640, 1.3981, 18.2732

## Tritanomaly

226.7950, 1.0871, 24.7358

# Monochromacy



## Original Color

226.9090, 1.5239, 24.6358

## Achromatopsia

227.0000, 0.0000, 0.0000

## Achromatomaly

227.1690, 0.4097, 8.6218

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 226.9090, 1.5239, 24.6358 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, 212, 230)` looks like.

```
.text, #text, p{  
    color:rgb(255, 212, 230)  
}
```

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, 212, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 212, 230) }
```

## Border

The CSS property to change the border of an element to YUV 226.9090, 1.5239, 24.6358 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, 212, 230) }
```



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

```
.border{ border-color:rgb(255, 212, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 212, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 212, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 212, 230);  
box-shadow:4px 4px 4px 4px rgb(255, 212,  
230) }
```

# Background

The CSS property to change the background color of an element to YUV 226.9090, 1.5239, 24.6358 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 212, 230) }
```

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

```
.background{ background-color: rgb(255,  
212, 230) }
```

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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