

# Converting Colors

YUV(214.7720, 6.0284, 26.5100)

Have a look what the booklet for  
YUV(214.7720, 6.0284, 26.5100)  
contains.

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# Color

**YUV(214.7720, 6.0284,  
26.5100)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F5C5E3
RGB	245, 197, 227
RGB Percent	96%, 77%, 89%
CMY	0.0392, 0.2275, 0.1098
CMYK	0.00, 0.20, 0.07, 0.04
HSL	322°, 71%, 87%
HSV	322°, 20%, 96%
XYZ	71.4876, 64.8910, 81.4305
YIQ	214.7720, 18.9780, 19.5060

# Conversions

## Conversions Part 2

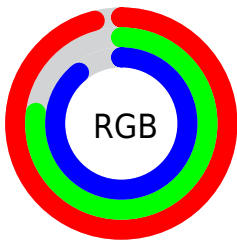
Format	Color
<a href="#">RYB</a>	<a href="#">245, 197, 227</a>
Decimal	<a href="#">16106979</a>
CIELab	<a href="#">84.43, 21.83, -8.39</a>
CIElCh	<a href="#">84, 23.388, 338.981</a>
Yxy	<a href="#">64.8910, 0.3282, 0.2979</a>
Android (android.graphics.Color)	<a href="#">4294297059</a> ( <a href="#">0xFFFF5C5E3</a> )
YUV	<a href="#">214.7720, 6.0284, 26.5100</a>
Hunter-Lab	<a href="#">80.5550, 17.4365, -3.5459</a>

# Details

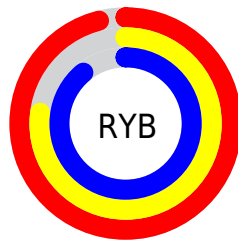
The YUV color  $214.7720, 6.0284, 26.5100$  is a light color, and the websafe version is hex  $\text{FFCCFF}$ . A complement of this color would be  $227.2280, -6.0284, -26.5100$ , and the grayscale version is  $215.0000, 0.0000, 0.0000$ .

A 20% lighter version of the original color is  $254.4130, 0.2894, 0.5148$ , and  $159.7610, 6.0338, 24.7656$  is the 20% darker color. If you saturate the color by 10%, you get  $199.6580, 9.0426, 39.7649$ , and if you desaturate by 10%, it is  $230.4730, 2.7248, 12.7402$ .

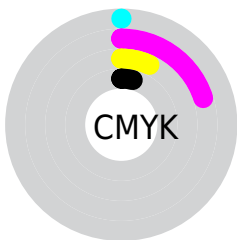
# Distribution



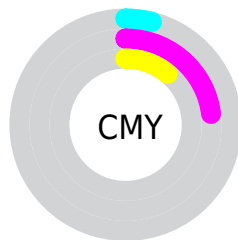
- Red (96%)
- Green (77%)
- Blue (89%)



- Red (96%)
- Yellow (77%)
- Blue (89%)



- Cyan (0%)
- Magenta (20%)
- Yellow (7%)
- Black (4%)




- Cyan (4%)
- Magenta (23%)
- Yellow (11%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 214.7720, 6.0284, 26.5100 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 214.7720, 6.0284, 26.5100 by changing the saturation by 10% instead.




 214.7720, 6.0284,  
26.5100

 214.7720, 6.0284,  
26.5100

255.0000, 0.0000,  
0.0000


 187.0600, 5.8864,  
25.3804


254.4130, 0.2894,  
0.5148

 159.7610, 6.0338,  
24.7656

 133.3480, 5.7444,  
24.2508

 107.6360, 5.6025,  
23.1212

 83.3370, 5.7499,  
22.5065

 59.6250, 5.6079,  
21.3769

 37.0270, 5.9027,

20.1473

■ 14.5540, 6.6289,  
20.5621

■ 0.0000, 0.0000,  
0.0000

■ 214.7720, 6.0284,  
26.5100

■ 214.7720, 6.0284,  
26.5100

■ 199.6580, 9.0426,  
39.7649

■ 230.4730, 2.7248,  
12.7402

■ 183.9570, 12.3462,  
53.5347

■ 245.5870, -0.2894,  
-0.5148

■ 168.7290, 14.9236,  
66.8897

■ 252.0100, 1.4741,  
-6.1478

■ 153.0280, 18.2272,  
80.6594

■ 137.3270, 21.5308,  
94.4292

■ 122.2130, 24.5450,  
107.6842

■ 106.5120, 27.8486,  
121.4540

■ 91.3980, 30.8628,  
134.7090

■ 90.6970, 30.7154,  
135.3237

# Harmonies

## Analogous

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



213.7680, 15.3974, 8.0965



214.7720, 6.0284, 26.5100



214.0800, -4.4764, 35.8868

# Triad

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



214.7720, 6.0284, 26.5100



208.9740, -20.6932, 10.5468



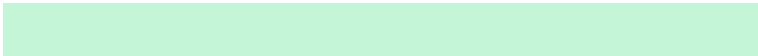
202.5950, 17.4547, -45.2488

# Complementary

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



214.7720, 6.0284, 26.5100



227.2280, -6.0284, -26.5100

# 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.



201.6850, 7.5503, -41.8197



214.7720, 6.0284, 26.5100



206.6340, -15.1026, -9.3260

# Square

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



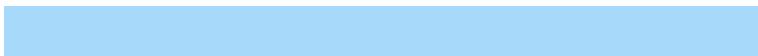
214.7720, 6.0284, 26.5100



211.4860, -20.4526, 26.7608



203.8580, -4.8600, -27.9395



205.9260, 22.2215, -34.1381



# Rectangle

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



214.7720, 6.0284, 26.5100



212.9570, -11.3178, 36.8717



203.8580, -4.8600, -27.9395



202.0850, 14.2551, -45.6785

# Sweetspot

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



214.7720, 6.0284, 26.5100



245.5110, 1.7201, 8.3219



207.8540, 18.3130, 6.2670



122.2610, 0.8573, 5.0331



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.



214.7720, 6.0284, 26.5100



216.5710, 7.6065, 33.7022



212.0360, -4.4547, 28.9094



114.5000, 1.7255, 6.5775



68.8380, 23.2509, 102.7511



21.8590, 7.4645, 32.5727



# Inverse Universe

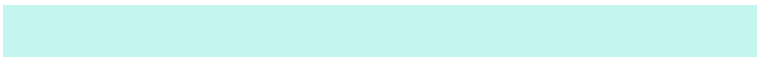
The Inverse Universe completely reimagines the original color for something new.



214.7720, 6.0284, 26.5100



216.5710, 7.6065, 33.7022



229.9640, 4.4547, -28.9094



114.5000, 1.7255, 6.5775



68.8380, 23.2509, 102.7511



21.8590, 7.4645, 32.5727



# Previews

## White Background



This preview shows how the YUV color 214.7720, 6.0284, 26.5100 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

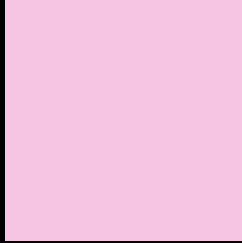
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 214.7720, 6.0284, 26.5100 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

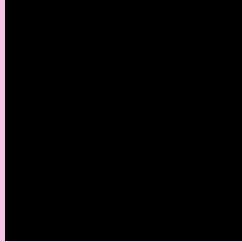
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# YUV 214.7720, 6.0284, 26.5100

## Background



This preview shows how black text looks on a background with the YUV color 214.7720, 6.0284, 26.5100.



This preview shows how white text looks on a background with the YUV color 214.7720, 6.0284,



# 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

214.7720, 6.0284, 26.5100

### Protanopia

211.6650, 11.5042, -3.2142

### Deuteranopia

213.3740, 6.2246, 10.1960



## Tritanopia

213.9800, 0.5029, 25.4505

# Trichromacy



## Original Color

214.7720, 6.0284, 26.5100

## Protanomaly

212.8620, 9.4350, 7.1370

## Deuteranomaly

213.7060, 6.0609, 16.0438

## Tritanomaly

214.1480, 2.3920, 26.1802

# Monochromacy



## Original Color

214.7720, 6.0284, 26.5100

## Achromatopsia

215.0000, 0.0000, 0.0000

## Achromatomaly

214.6360, 2.1515, 9.9662

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 214.7720, 6.0284, 26.5100 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(245, 197, 227)` looks like.

```
.text, #text, p{  
    color:rgb(245, 197, 227)  
}
```

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(245, 197, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 197, 227) }
```

## Border

The CSS property to change the border of an element to YUV 214.7720, 6.0284, 26.5100 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(245, 197, 227) }
```



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

```
.border{ border-color:rgb(245, 197, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 197, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(245, 197, 227); -webkit-box-shadow:4px 4px 4px 4px rgb(245, 197, 227); box-shadow:4px 4px 4px 4px rgb(245, 197, 227) }
```

# Background

The CSS property to change the background color of an element to YUV 214.7720, 6.0284, 26.5100 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 197, 227) }
```

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

```
.background{ background-color: rgb(245,  
197, 227) }
```

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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