

# Converting Colors

YUV(126.4970, 10.1080,  
71.4781)

Have a look what the booklet for  
YUV(126.4970, 10.1080, 71.4781)  
contains.

<b>YUV(126.4970, 10.1080, 71.4781)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	24
<b><i>Color Blindness Simulation</i></b> .....	28
<b><i>CSS Examples</i></b> .....	31

# Color

**YUV(126.4970, 10.1080,  
71.4781)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	D05193
RGB	208, 81, 147
RGB Percent	82%, 32%, 58%
CMY	0.1843, 0.6824, 0.4235
CMYK	0.00, 0.61, 0.29, 0.18
HSL	329°, 57%, 57%
HSV	329°, 61%, 82%
XYZ	34.2213, 21.4013, 29.9310
YIQ	126.4970, 54.5060, 47.4500

# Conversions

## Conversions Part 2

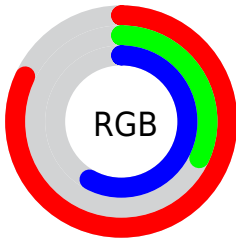
<b>Format</b>	<b>Color</b>
R <sub>YB</sub>	208, 81, 147
Decimal	13652371
CIE Lab	53.39, 56.63, -10.41
CIE LCh	53, 57.576, 349.582
Yxy	21.4013, 0.4000, 0.2502
Android (android.graphics.Color)	4291842451 (0xFFD05193)
YUV	126.4970, 10.1080, 71.4781
Hunter-Lab	46.2616, 51.0849, -5.9772

# Details

The YUV color **126.4970, 10.1080, 71.4781** is a light color, and the websafe version is hex **CC6699**. The color can be described as light muted rose. A complement of this color would be **162.5030, -10.1080, -71.4781**, and the grayscale version is **126.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **178.9910, 10.8504, 66.6599**, and **65.7730, 14.9019, 73.8671** is the 20% darker color. If you saturate the color by 10%, you get **113.0300, 11.8172, 83.2887**, and if you desaturate by 10%, it is **139.9640, 8.3987, 59.6676**.

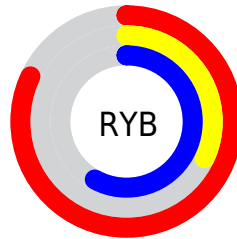
# Distribution



Red (82%)

Green (32%)

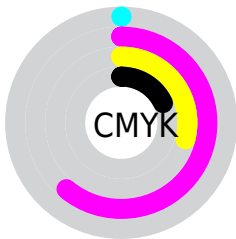
Blue (58%)



Red (82%)

Yellow (32%)

Blue (58%)

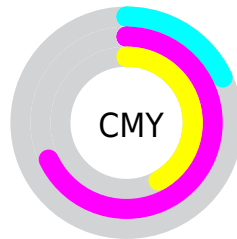


Cyan (0%)

Magenta (61%)

Yellow (29%)

Black (18%)



Cyan (18%)

Magenta (68%)


Yellow (42%)


# Brightness & Saturation Gradients

These gradients show how the YUV color 126.4970, 10.1080, 71.4781 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 126.4970, 10.1080, 71.4781 by changing the saturation by 10% instead.





 126.4970, 10.1080,  
71.4781


 126.4970, 10.1080,  
71.4781

255.0000, 0.0000,  
0.0000


 97.8390, 11.4184,  
71.1782


 178.9910, 10.8504,  
66.6599


 65.7730, 14.9019,  
73.8671

 198.6190, 14.9778,  
49.4461


 44.8000, 13.9026,  
67.7044


 218.6060, 17.9422,  
31.9175

 33.8060, 7.9836,  
52.7901

 235.6290, 9.5499,  
16.9884

 23.3390, 2.7909,  
38.2907

 252.6520, 1.1576,  
2.0592

 12.3730, -5.6069,  
25.1059

 0.0000, 0.0000,

0.0000

■ 126.4970, 10.1080,  
71.4781

■ 126.4970, 10.1080,  
71.4781

■ 113.0300, 11.8172,  
83.2887

■ 139.9640, 8.3987,  
59.6676

■ 99.5630, 13.5264,  
95.0992

■ 153.4310, 6.6895,  
47.8570

■ 86.6830, 14.9463,  
106.3950

■ 166.3110, 5.2697,  
36.5613

■ 74.5040, 16.5135,  
117.0760

■ 179.7780, 3.5604,  
24.7507

■ 193.2450, 1.8512,  
12.9401

■ 206.7120, 0.1420,  
1.1296

■ 220.1790, -1.5672,  
-10.6810

■ 233.0590, -2.9871,  
-21.9767

■ 238.8950, -0.9342,  
-27.0949

# Harmonies

## Analogous

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



131.4180, 29.8669, 33.8364



126.4970, 10.1080, 71.4781



123.1890, -12.9112, 81.3952

# Triad

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



126.4970, 10.1080, 71.4781



117.4760, -49.0417, 3.0905



109.9040, 45.4033, -96.3858

# Complementary

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



126.4970, 10.1080, 71.4781



162.5030, -10.1080, -71.4781

# 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.



106.7630, 25.7528, -93.6312



126.4970, 10.1080, 71.4781



109.1830, -24.7402, -44.8875

# Square

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



126.4970, 10.1080, 71.4781



121.4960, -52.5025, 39.9070



100.3620, 3.7655, -88.0175



106.6560, 58.3436, -93.5373



# Rectangle

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



126.4970, 10.1080, 71.4781



123.8340, -28.0192, 73.8136



100.3620, 3.7655, -88.0175



109.1230, 39.8724, -95.7009

# Sweetspot

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



126.4970, 10.1080, 71.4781



225.4900, 3.7024, 25.8803



113.1190, 46.7763, 23.5746



109.3810, 2.2772, 16.3289



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.



126.4970, 10.1080, 71.4781



135.6720, 14.9517, 104.6507



119.4290, -16.9735, 77.6768



97.9730, 0.9993, 6.1627



60.1500, 13.2370, 94.5844



14.6530, 3.1291, 23.1063



# Inverse Universe

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



126.4970, 10.1080, 71.4781



135.6720, 14.9517, 104.6507



169.5710, 16.9735, -77.6768



97.9730, 0.9993, 6.1627



60.1500, 13.2370, 94.5844



14.6530, 3.1291, 23.1063



# Previews

## White Background



This preview shows how the YUV color 126.4970, 10.1080, 71.4781 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

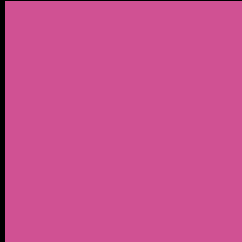
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 126.4970, 10.1080, 71.4781 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

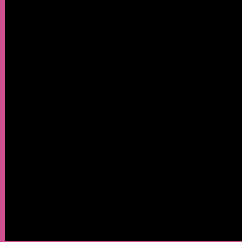
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

# YUV 126.4970, 10.1080, 71.4781 Background



This preview shows how black text looks on a background with the YUV color 126.4970, 10.1080, 71.4781.



This preview shows how white text looks on a background with the YUV color 126.4970, 10.1080,



# 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

126.4970, 10.1080, 71.4781

### Protanopia

127.7420, 24.7772, -13.8057

### Deuteranopia

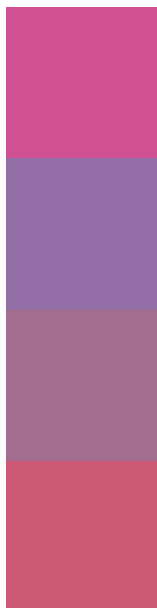
129.7000, 5.0779, 4.6481



## Tritanopia

126.1720, -13.8888, 68.2552

# Trichromacy



## Original Color

126.4970, 10.1080, 71.4781

## Protanomaly

127.5610, 19.4434, 17.0480

## Deuteranomaly

128.7230, 7.0386, 29.1839

## Tritanomaly

126.1750, -5.0163, 69.1295

# Monochromacy



## Original Color

126.4970, 10.1080, 71.4781

## Achromatopsia

126.0000, 0.0000, 0.0000

## Achromatomaly

126.4900, 3.7024, 25.8803

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 126.4970, 10.1080, 71.4781 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(208, 81, 147)` looks like.

```
.text, #text, p{  
    color:rgb(208, 81, 147)  
}
```

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(208, 81, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 81, 147) }
```

## Border

The CSS property to change the border of an element to YUV 126.4970, 10.1080, 71.4781 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(208, 81, 147) }
```



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

```
.border{ border-color:rgb(208, 81, 147) }
```

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

Here you see how a box with a 4 pixel rgb(208, 81, 147) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 81, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 81, 147);  
box-shadow:4px 4px 4px 4px rgb(208, 81,  
147) }
```

# Background

The CSS property to change the background color of an element to YUV 126.4970, 10.1080, 71.4781 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 81, 147) }
```

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

```
.background{ background-color: rgb(208, 81,  
147) }
```

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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