

# Converting Colors

YUV(164.6940, 10.9969,  
19.5624)

Have a look what the booklet for  
YUV(164.6940, 10.9969, 19.5624)  
contains.

<b>YUV(164.6940, 10.9969, 19.5624)</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(164.6940, 10.9969,  
19.5624)**

# Conversions

## Conversions Part 1

Format	Color
Hex	BB95BB
RGB	187, 149, 187
RGB Percent	73%, 58%, 73%
CMY	0.2667, 0.4157, 0.2667
CMYK	0.00, 0.20, 0.00, 0.27
HSL	300°, 22%, 66%
HSV	300°, 20%, 73%
XYZ	40.2106, 35.6475, 51.7750
YIQ	164.6940, 10.4500, 19.8740

# Conversions

## Conversions Part 2

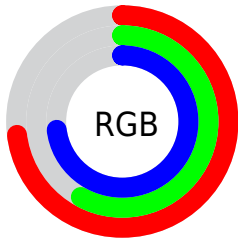
Format	Color
R <sub>Y</sub> B	187, 149, 187
Decimal	12293563
CIE Lab	66.25, 20.83, -14.30
CIE LCh	66, 25.260, 325.534
Yxy	35.6475, 0.3150, 0.2793
Android (android.graphics.Color)	4290483643 (0xFFBB95BB)
YUV	164.6940, 10.9969, 19.5624
Hunter-Lab	59.7056, 15.7317, -9.6208

# Details

The YUV color **164.6940, 10.9969, 19.5624** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **171.3060, -10.9969, -19.5624**, and the grayscale version is **165.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **219.5200, 11.5756, 20.5920**, and **112.5690, 10.5655, 17.9180** is the 20% darker color. If you saturate the color by 10%, you get **153.5410, 16.4953, 29.3435**, and if you desaturate by 10%, it is **175.8470, 5.4984, 9.7812**.

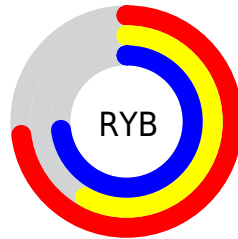
# Distribution



Red (73%)

Green (58%)

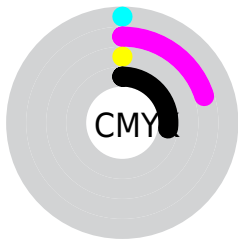
Blue (73%)



Red (73%)

Yellow (58%)

Blue (73%)

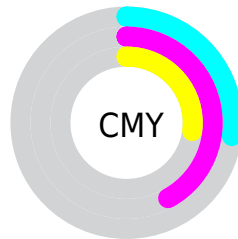


Cyan (0%)

Magenta (20%)

Yellow (0%)

Black (27%)



Cyan (27%)

Magenta (42%)


Yellow (27%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 164.6940, 10.9969, 19.5624 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 164.6940, 10.9969, 19.5624 by changing the saturation by 10% instead.





 164.6940, 10.9969,  
19.5624


 164.6940, 10.9969,  
19.5624


255.0000, 0.0000,  
0.0000

 138.2810, 10.7075,  
19.0476


 219.5200, 11.5756,  
20.5920


 112.5690, 10.5655,  
17.9180

 241.4990, 6.6560,  
11.8404

 88.0420, 9.8393,  
17.5032

 64.3300, 9.6973,  
16.3736

 41.6180, 9.5553,  
15.2440

 19.6180, 9.5553,  
15.2440

 2.9490, 7.4201,

0.0447

0.0000, 0.0000,  
0.0000

164.6940, 10.9969,  
19.5624

164.6940, 10.9969,  
19.5624

153.5410, 16.4953,  
29.3435

175.8470, 5.4984,  
9.7812

142.9750, 21.7043,  
38.6099

186.4130, 0.2894,  
0.5148

131.8220, 27.2028,  
48.3911

197.5660, -5.2090,  
-9.2664

120.6690, 32.7012,  
58.1723

208.7190,  
-10.7075, -19.0476

110.1030, 37.9102,  
67.4387

219.8720,  
-16.2059, -28.8287

■ 98.9500, 43.4087,  
77.2199

■ 226.9160,  
-19.6786, -35.0063

■ 87.7970, 48.9071,  
87.0010

■ 77.2310, 54.1161,  
96.2674

# Harmonies

## Analogous

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



162.4400, 19.5031, -2.1399



164.6940, 10.9969, 19.5624



164.6220, 0.1864, 33.6575

# Triad

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



164.6940, 10.9969, 19.5624



160.0890, -21.7359, 18.3389



149.8780, 14.8501, -49.8820

# Complementary

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



164.6940, 10.9969, 19.5624



171.3060, -10.9969, -19.5624

# 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.



152.0290, 2.4507, -39.4904



164.6940, 10.9969, 19.5624



158.0650, -18.7660, -0.9340

# Square

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



164.6940, 10.9969, 19.5624



162.2740, -18.8691, 32.2087



154.9360, -9.8284, -20.9919



152.5610, 22.4014, -45.2190



# Rectangle

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



164.6940, 10.9969, 19.5624



164.1080, -6.9552, 37.6163



154.9360, -9.8284, -20.9919



150.4500, 10.6242, -47.7526

# Sweetspot

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



164.6940, 10.9969, 19.5624



233.7820, 4.0515, 7.2072



153.3320, 16.5983, -3.7992



117.3040, 2.3151, 4.1184



250.0000, 0.0000, 0.0000



122.0000, 0.0000, 0.0000



# Same Dimension

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



164.6940, 10.9969, 19.5624



207.9540, 16.7847, 29.8583



162.5280, 2.6977, 21.4619



88.7170, 2.6045, 4.6332



65.2540, 45.7238, 81.3382



12.8030, 8.9711, 15.9588



# Inverse Universe

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



164.6940, 10.9969, 19.5624



207.9540, 16.7847, 29.8583



173.4720, -2.6977, -21.4619



88.7170, 2.6045, 4.6332



65.2540, 45.7238, 81.3382

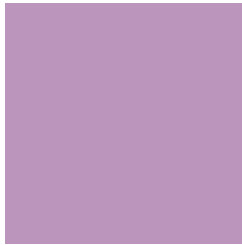


12.8030, 8.9711, 15.9588



# Previews

## White Background



This preview shows how the YUV color 164.6940, 10.9969, 19.5624 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

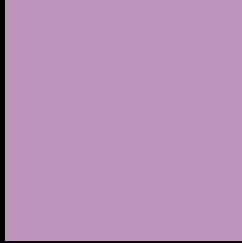
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 164.6940, 10.9969, 19.5624 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

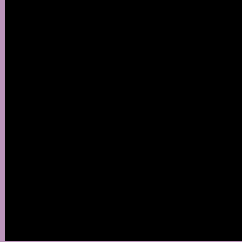
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# YUV 164.6940, 10.9969, 19.5624

## Background



This preview shows how black text looks on a background with the YUV color 164.6940, 10.9969, 19.5624.



This preview shows how white text looks on a background with the YUV color 164.6940, 10.9969,



# 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

164.6940, 10.9969, 19.5624

### Protanopia

162.0820, 15.7356, -7.0879

### Deuteranopia

162.5840, 11.0511, 2.1188



## Tritanopia

163.6370, 0.6720, 17.8584

# Trichromacy



## Original Color

164.6940, 10.9969, 19.5624

## Protanomaly

162.9800, 13.8139, 2.6485

## Deuteranomaly

163.3290, 11.1768, 8.4815

## Tritanomaly

164.2610, 4.3083, 18.1881

# Monochromacy



## Original Color

164.6940, 10.9969, 19.5624

## Achromatopsia

165.0000, 0.0000, 0.0000

## Achromatomaly

164.7820, 4.0515, 7.2072

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 164.6940, 10.9969, 19.5624 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(187, 149, 187)` looks like.

```
.text, #text, p{  
    color:rgb(187, 149, 187)  
}
```

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(187, 149, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 149, 187) }
```

## Border

The CSS property to change the border of an element to YUV 164.6940, 10.9969, 19.5624 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(187, 149, 187) }
```



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

```
.border{ border-color:rgb(187, 149, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(187, 149, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 149, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 149, 187);  
box-shadow:4px 4px 4px 4px rgb(187, 149,  
187) }
```

# Background

The CSS property to change the background color of an element to YUV 164.6940, 10.9969, 19.5624 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 149, 187) }
```

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

```
.background{ background-color: rgb(187,  
149, 187) }
```

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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