

# Converting Colors

YUV(165.7510, 21.3218,  
21.2664)

Have a look what the booklet for  
YUV(165.7510, 21.3218, 21.2664)  
contains.

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# Color

**YUV(165.7510, 21.3218,  
21.2664)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	BE91D1
RGB	190, 145, 209
RGB Percent	75%, 57%, 82%
CMY	0.2549, 0.4314, 0.1804
CMYK	0.09, 0.31, 0.00, 0.18
HSL	282°, 41%, 69%
HSV	282°, 31%, 82%
XYZ	42.8692, 35.8014, 64.9725
YIQ	165.7510, 6.2760, 29.4440

# Conversions

## Conversions Part 2

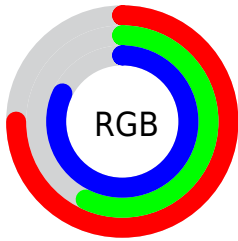
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	190, 145, 209
Decimal	12489169
CIE <sub>Lab</sub>	66.37, 28.41, -26.36
CIE <sub>LCh</sub>	66, 38.761, 317.142
Yxy	35.8014, 0.2984, 0.2492
Android (android.graphics.Color)	4290679249 (0xFFBE91D1)
YUV	165.7510, 21.3218, 21.2664
Hunter-Lab	59.8343, 23.1792, -22.4975

# Details

The YUV color **165.7510, 21.3218, 21.2664** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **188.2490, -21.3218, -21.2664**, and the grayscale version is **166.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **219.7360, 17.3852, 23.9105**, and **113.3980, 20.0168, 19.8220** is the 20% darker color. If you saturate the color by 10%, you get **151.6300, 28.2834, 28.3885**, and if you desaturate by 10%, it is **179.8720, 14.3601, 14.1443**.

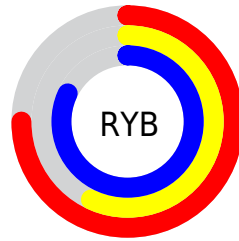
# Distribution



Red (75%)

Green (57%)

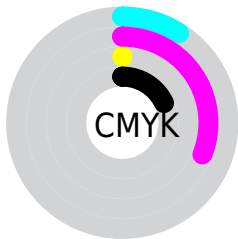
Blue (82%)



Red (75%)

Yellow (57%)

Blue (82%)

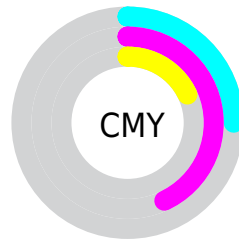


Cyan (9%)

Magenta (31%)

Yellow (0%)

Black (18%)



Cyan (25%)

Magenta (43%)


Yellow (18%)


# Brightness & Saturation Gradients

These gradients show how the YUV color 165.7510, 21.3218, 21.2664 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 165.7510, 21.3218, 21.2664 by changing the saturation by 10% instead.





 165.7510, 21.3218,  
21.2664


 165.7510, 21.3218,  
21.2664


255.0000, 0.0000,  
0.0000


 139.2240, 20.5956,  
20.8516


 219.7360, 17.3852,  
23.9105


 113.3980, 20.0168,  
19.8220

 239.1510, 7.8136,  
13.8996

 88.5720, 19.4380,  
18.7924

 64.1590, 19.1486,  
18.2776

 41.0340, 18.7172,  
16.6332

 17.9200, 18.2804,  
16.7332

 6.5670, 13.5245,

2.1337

■ 0.7980, 3.0576,  
-0.6998

■ 0.0000, 0.0000,  
0.0000

■ 165.7510, 21.3218,  
21.2664

■ 165.7510, 21.3218,  
21.2664

■ 151.6300, 28.2834,  
28.3885

■ 179.8720, 14.3601,  
14.1443

■ 137.5090, 35.2451,  
35.5106

■ 193.9930, 7.3985,  
7.0221

■ 123.0890, 42.3541,  
42.0179

■ 208.4130, 0.2894,  
0.5148

■ 108.9680, 49.3158,  
49.1401

■ 222.5340, -6.6723,  
-6.6073

94.8470, 56.2774,  
56.2622

236.6550,  
-13.6339, -13.7294

81.3130, 62.9497,  
62.8695

241.3840,  
-15.9653, -12.6148

67.7790, 69.6220,  
69.4768

243.1780,  
-16.8498, -8.9261

245.2710,  
-17.8816, -4.6227

247.0650,  
-18.7660, -0.9340

# Harmonies

## Analogous

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



161.4950, 32.7870, -16.2201



165.7510, 21.3218, 21.2664



165.6050, 6.1107, 46.8274

# Triad

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



165.7510, 21.3218, 21.2664



159.9030, -32.9832, 32.5341



126.2940, 26.9701, -110.7598

# Complementary

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



165.7510, 21.3218, 21.2664



188.2490, -21.3218, -21.2664

# 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.



144.9250, 0.0370, -58.6932



165.7510, 21.3218, 21.2664



157.0800, -31.5914, 6.0688

# Square

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



165.7510, 21.3218, 21.2664



161.9020, -24.6017, 50.9519



152.0960, -19.2743, -24.6402



127.9530, 40.9422, -112.2148



# Rectangle

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



165.7510, 21.3218, 21.2664



164.3860, -5.1203, 55.7895



152.0960, -19.2743, -24.6402



135.3910, 16.5692, -88.0429

# Sweetspot

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



165.7510, 21.3218, 21.2664



239.4060, 7.6878, 7.5369



163.4490, 22.4566, -16.1798



117.7000, 5.0779, 4.6481



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.



165.7510, 21.3218, 21.2664



191.4500, 31.3302, 31.1774



169.9500, 12.8427, 34.2469



97.3470, 3.7729, 3.2037



54.4340, 55.9880, 55.7474



13.3450, 13.6339, 13.7294



# Inverse Universe

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



166.3020, -1.1349, 37.4461



192.2980, -1.6259, 54.9897



184.0500, -12.8426, -34.2468



97.6310, -0.3111, 6.4626



55.9320, -2.9245, 98.2836



13.6270, -0.8021, 24.0061



# Previews

## White Background



This preview shows how the YUV color 165.7510, 21.3218, 21.2664 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

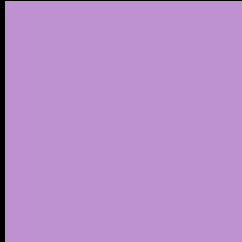
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 165.7510, 21.3218, 21.2664 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 165.7510, 21.3218, 21.2664 Background



This preview shows how black text looks on a background with the YUV color 165.7510, 21.3218, 21.2664.



This preview shows how white text looks on a background with the YUV color 165.7510, 21.3218,



# 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

165.7510, 21.3218, 21.2664

### Protanopia

161.4690, 28.8558, -15.3203

### Deuteranopia

162.8630, 21.2665, -7.7729



## Tritanopia

163.3380, 0.8194, 17.2436

# Trichromacy



## Original Color

165.7510, 21.3218, 21.2664

## Protanomaly

163.1610, 26.0496, -1.8952

## Deuteranomaly

163.9290, 21.2340, 2.6933

## Tritanomaly

164.2980, 8.2341, 19.0327

# Monochromacy



## Original Color

165.7510, 21.3218, 21.2664

## Achromatopsia

166.0000, 0.0000, 0.0000

## Achromatomaly

165.8190, 7.9772, 8.0517

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 165.7510, 21.3218, 21.2664 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(190, 145, 209)` looks like.

```
.text, #text, p{  
    color:rgb(190, 145, 209)  
}
```

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(190, 145, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 145, 209) }
```

## Border

The CSS property to change the border of an element to YUV 165.7510, 21.3218, 21.2664 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(190, 145, 209) }
```



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

```
.border{ border-color:rgb(190, 145, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 145, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 145, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 145, 209);  
box-shadow:4px 4px 4px 4px rgb(190, 145,  
209) }
```

# Background

The CSS property to change the background color of an element to YUV 165.7510, 21.3218, 21.2664 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 145, 209) }
```

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

```
.background{ background-color: rgb(190,  
145, 209) }
```

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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