

# Converting Colors

YUV(181.0760, 21.6545, 7.8263)

Have a look what the booklet for  
YUV(181.0760, 21.6545, 7.8263)  
contains.

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# Color

**YUV(181.0760, 21.6545,  
7.8263)**

# Conversions

## Conversions Part 1

Format	Color
Hex	BEA8E1
RGB	190, 168, 225
RGB Percent	75%, 66%, 88%
CMY	0.2549, 0.3412, 0.1176
CMYK	0.16, 0.25, 0.00, 0.12
HSL	263°, 49%, 77%
HSV	263°, 25%, 88%
XYZ	48.8284, 44.3887, 77.2285
YIQ	181.0760, -5.1850, 22.3910

# Conversions

## Conversions Part 2

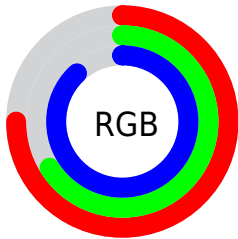
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	190, 168, 225
Decimal	12495073
CIE Lab	72.49, 19.04, -25.80
CIE LCh	72, 32.062, 306.427
Yxy	44.3887, 0.2865, 0.2604
Android (android.graphics.Color)	4290685153 (0xFFBEA8E1)
YUV	181.0760, 21.6545, 7.8263
Hunter-Lab	66.6248, 14.2269, -22.0889

# Details

The YUV color **181.0760, 21.6545, 7.8263** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **211.9240, -21.6545, -7.8263**, and the grayscale version is **181.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **233.8240, 10.4398, 11.5554**, and **128.1360, 20.6390, 6.8967** is the 20% darker color. If you saturate the color by 10%, you get **163.9760, 30.0848, 10.5450**, and if you desaturate by 10%, it is **198.7630, 12.9348, 4.5928**.

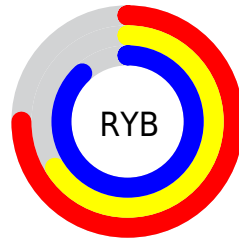
# Distribution



Red (75%)

Green (66%)

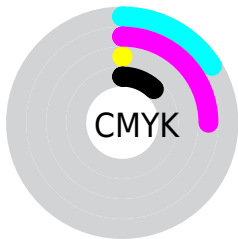
Blue (88%)



Red (75%)

Yellow (66%)

Blue (88%)

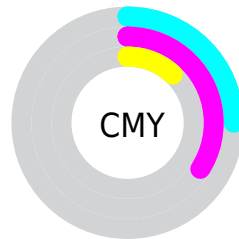


Cyan (16%)

Magenta (25%)

Yellow (0%)

Black (12%)



Cyan (25%)

Magenta (34%)


Yellow (12%)


# Brightness & Saturation Gradients

These gradients show how the YUV color 181.0760, 21.6545, 7.8263 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 181.0760, 21.6545, 7.8263 by changing the saturation by 10% instead.





 181.0760, 21.6545,  
7.8263

 181.0760, 21.6545,  
7.8263


255.0000, 0.0000,  
0.0000


 154.5490, 20.9283,  
7.4115


 233.8240, 10.4398,  
11.5554


 128.1360, 20.6390,  
6.8967

 253.2390, 0.8682,  
1.5444

 102.6090, 19.9128,  
6.4819

 78.6690, 18.8972,  
5.5523

 55.1420, 18.1710,  
5.1375

 33.3160, 17.5922,  
4.1079

 10.9250, 17.2920,

7.0818

■ 3.4370, 10.6306,  
-3.0142

■ 0.0000, 0.0000,  
0.0000

■ 181.0760, 21.6545,  
7.8263

■ 181.0760, 21.6545,  
7.8263

■ 163.9760, 30.0848,  
10.5450

■ 198.7630, 12.9348,  
4.5928

■ 146.2890, 38.8045,  
13.7785

■ 215.8630, 4.5045,  
1.8741

■ 129.4880, 47.0874,  
17.1120

■ 232.6640, -3.7784,  
-1.4593

■ 111.8010, 55.8071,  
20.3455

■ 248.5900,  
-11.6299, -3.1484

■ 94.7010, 64.2374,  
23.0642

■ 251.5800,  
-13.1039, 2.9993

■ 77.0140, 72.9571,  
26.2977

■ 59.9140, 81.3874,  
29.0164

■ 51.6630, 85.4551,  
30.9905

# Harmonies

## Analogous

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



175.6420, 29.7565, -24.2420



181.0760, 21.6545, 7.8263



182.1410, 9.7905, 33.2023

# Triad

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



181.0760, 21.6545, 7.8263



178.0480, -26.1527, 35.0379



162.8460, 9.9359, -60.3779

# Complementary

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



181.0760, 21.6545, 7.8263



211.9240, -21.6545, -7.8263

# 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.



167.8200, -7.3063, -36.6761



181.0760, 21.6545, 7.8263



175.4600, -27.8348, 14.5056

# Square

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



181.0760, 21.6545, 7.8263



179.7150, -17.6075, 47.6079



171.8420, -20.6281, -10.3854



161.0910, 25.0981, -70.2398



# Rectangle

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



181.0760, 21.6545, 7.8263



181.6880, 0.1538, 44.1236



171.8420, -20.6281, -10.3854



164.6960, 4.0939, -53.2304

# Sweetspot

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



181.0760, 21.6545, 7.8263



239.3730, 7.7041, 2.3039



195.0430, 14.7688, -23.7167



117.9770, 4.9413, 1.7742



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.



181.0760, 21.6545, 7.8263



196.3350, 28.9218, 10.2302



189.4480, 17.5271, 25.0401



103.4500, 4.2151, 1.3593



40.3960, 66.8528, 24.2087



11.1530, 18.1656, 6.8818



# Inverse Universe

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



189.0330, 6.8857, 31.5431



206.9680, 8.8898, 42.1241



203.5520, -17.5271, -25.0401



105.0870, 1.4361, 6.0627



64.9360, 21.2306, 97.4031

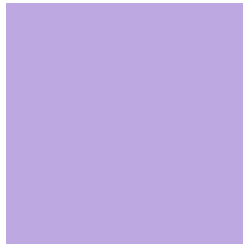


17.7720, 6.0284, 26.5100



# Previews

## White Background



This preview shows how the YUV color 181.0760, 21.6545, 7.8263 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

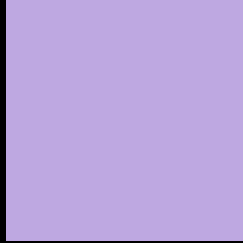
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 181.0760, 21.6545, 7.8263 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

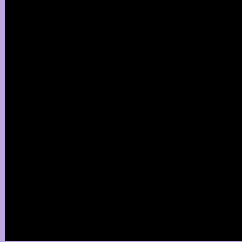
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# YUV 181.0760, 21.6545, 7.8263

## Background



This preview shows how black text looks on a background with the YUV color 181.0760, 21.6545, 7.8263.



This preview shows how white text looks on a background with the YUV color 181.0760, 21.6545, 7.8263.



# 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

181.0760, 21.6545, 7.8263

### Protanopia

178.3830, 25.9402, -13.4909

### Deuteranopia

178.8030, 22.2821, -6.8432



## Tritanopia

179.2870, 4.7885, 4.1333

# Trichromacy



## Original Color

181.0760, 21.6545, 7.8263

## Protanomaly

179.3840, 24.4607, -5.5988

## Deuteranomaly

179.7220, 21.8291, -1.5102

## Tritanomaly

179.6060, 11.0402, 5.6075

# Monochromacy



## Original Color

181.0760, 21.6545, 7.8263

## Achromatopsia

181.0000, 0.0000, 0.0000

## Achromatomaly

180.7860, 7.9935, 2.8187

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 181.0760, 21.6545, 7.8263 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, 168, 225)` looks like.

```
.text, #text, p{  
    color:rgb(190, 168, 225)  
}
```

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, 168, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 168, 225) }
```

## Border

The CSS property to change the border of an element to YUV 181.0760, 21.6545, 7.8263 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, 168, 225) }
```



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

```
.border{ border-color:rgb(190, 168, 225) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 168, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(190, 168, 225); -webkit-box-shadow:4px 4px 4px 4px rgb(190, 168, 225); box-shadow:4px 4px 4px 4px rgb(190, 168, 225) }
```

# Background

The CSS property to change the background color of an element to YUV 181.0760, 21.6545, 7.8263 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 168, 225) }
```

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

```
.background{ background-color: rgb(190,  
168, 225) }
```

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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