

# Converting Colors

YUV(193.5230, 20.4482,  
21.4663)

Have a look what the booklet for  
YUV(193.5230, 20.4482, 21.4663)  
contains.

<b>YUV(193.5230, 20.4482, 21.4663)</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(193.5230, 20.4482,  
21.4663)**

# Conversions

## Conversions Part 1

Format	Color
Hex	DAADEB
RGB	218, 173, 235
RGB Percent	85%, 68%, 92%
CMY	0.1451, 0.3216, 0.0784
CMYK	0.07, 0.26, 0.00, 0.08
HSL	284°, 61%, 80%
HSV	284°, 26%, 92%
XYZ	58.8524, 50.7907, 85.2990
YIQ	193.5230, 6.9180, 28.8220

# Conversions

## Conversions Part 2

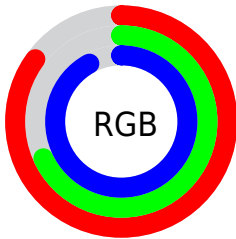
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	218, 173, 235
Decimal	14331371
CIE Lab	76.55, 27.23, -24.80
CIE LCh	77, 36.833, 317.681
Yxy	50.7907, 0.3019, 0.2605
Android (android.graphics.Color)	4292521451 (0xFFDAADEB)
YUV	193.5230, 20.4482, 21.4663
Hunter-Lab	71.2676, 22.6860, -21.0759

# Details

The YUV color **193.5230, 20.4482, 21.4663** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **214.4770, -20.4482, -21.4663**, and the grayscale version is **193.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **239.7380, 7.5242, 13.3848**, and **139.2840, 19.5800, 19.9219** is the 20% darker color. If you saturate the color by 10%, you get **177.6410, 28.2780, 30.1328**, and if you desaturate by 10%, it is **209.4050, 12.6183, 12.7998**.

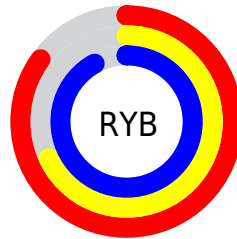
# Distribution



Red (85%)

Green (68%)

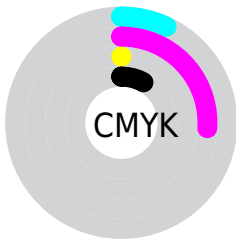
Blue (92%)



Red (85%)

Yellow (68%)

Blue (92%)

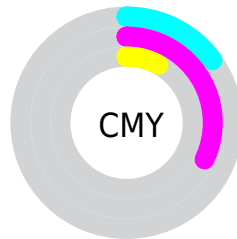


Cyan (7%)

Magenta (26%)

Yellow (0%)

Black (8%)



Cyan (15%)

Magenta (32%)


Yellow (8%)


# Brightness & Saturation Gradients

These gradients show how the YUV color 193.5230, 20.4482, 21.4663 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 193.5230, 20.4482, 21.4663 by changing the saturation by 10% instead.




 193.5230, 20.4482,  
21.4663


 193.5230, 20.4482,  
21.4663


255.0000, 0.0000,  
0.0000


 166.1100, 20.1588,  
20.9515


 239.7380, 7.5242,  
13.3848

 139.2840, 19.5800,  
19.9219

 113.7570, 18.8538,  
19.5071

 88.9310, 18.2750,  
18.4775

 65.1050, 17.6962,  
17.4479

 41.6920, 17.4068,  
16.9331

 18.9800, 17.2649,

15.8035

■ 6.6380, 12.5035,  
2.9485

■ 0.4560, 1.7472,  
-0.3999

■ 193.5230, 20.4482,  
21.4663

■ 193.5230, 20.4482,  
21.4663

■ 177.6410, 28.2780,  
30.1328

■ 209.4050, 12.6183,  
12.7998

■ 162.0470, 35.9658,  
37.6698

■ 224.9990, 4.9305,  
5.2629

■ 146.7520, 43.5063,  
45.8215

■ 240.8810, -2.8993,  
-3.4036

■ 130.5710, 51.4835,  
53.8732

■ 249.4310, -7.1145,  
-4.7630

■ 115.2760, 59.0239,  
62.0249

■ 251.2250, -7.9989,  
-1.0743

■ 99.0950, 67.0012,  
70.0767

■ 252.7200, -8.7360,  
1.9996

■ 83.8000, 74.5416,  
78.2284

■ 77.9190, 77.4409,  
81.6320

# Harmonies

## Analogous

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



189.2780, 31.9079, -14.2758



193.5230, 20.4482, 21.4663



193.3770, 5.2371, 47.0274

# Triad

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



193.5230, 20.4482, 21.4663



188.1310, -32.1096, 32.3341



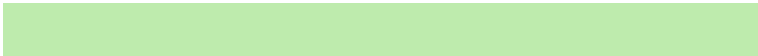
167.3470, 20.0419, -81.8653

# Complementary

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



193.5230, 20.4482, 21.4663



214.4770, -20.4482, -21.4663

# 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.



173.8330, -0.4107, -55.1045



193.5230, 20.4482, 21.4663



184.7210, -30.4285, 6.3837

# Square

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



193.5230, 20.4482, 21.4663



190.4890, -24.8911, 50.4371



180.5090, -18.9849, -24.1254



168.7070, 34.1614, -83.9350



# Rectangle

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



193.5230, 20.4482, 21.4663



192.5600, -5.6991, 54.7599



180.5090, -18.9849, -24.1254



169.3820, 13.6157, -74.0030

# Sweetspot

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



193.5230, 20.4482, 21.4663



241.4660, 6.6723, 6.6073



190.6340, 21.8724, -15.4650



119.1730, 4.3517, 4.2333



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.



193.5230, 20.4482, 21.4663



200.2880, 26.9730, 28.6884



197.1240, 12.2639, 33.2173



109.6460, 3.6255, 3.8185



59.8030, 59.7501, 62.4398



17.8170, 17.8382, 18.5775



# Inverse Universe

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



193.4760, -1.7137, 36.4165



200.1400, -2.0410, 48.1122



210.8760, -12.2639, -33.2173



109.6310, -0.3111, 6.4626



59.8190, -4.8408, 106.2757



17.8560, -1.4080, 31.6983



# Previews

## White Background



This preview shows how the YUV color 193.5230, 20.4482, 21.4663 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

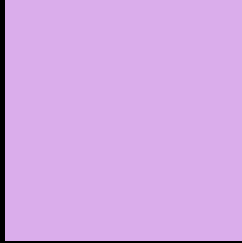
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 193.5230, 20.4482, 21.4663 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

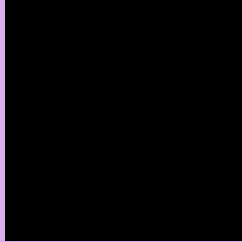
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# YUV 193.5230, 20.4482, 21.4663

## Background



This preview shows how black text looks on a background with the YUV color 193.5230, 20.4482, 21.4663.



This preview shows how white text looks on a background with the YUV color 193.5230, 20.4482, 21.4663.

21.4663.

# 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

193.5230, 20.4482, 21.4663

### Protanopia

189.7250, 27.2506, -13.7908

### Deuteranopia

190.4720, 20.9663, -4.7989



## Tritanopia

191.8650, 1.5456, 17.6584

# Trichromacy



## Original Color

193.5230, 20.4482, 21.4663

## Protanomaly

191.1180, 24.5918, -0.9805

## Deuteranomaly

191.8260, 20.7918, 4.5376

## Tritanomaly

192.4120, 8.6709, 18.9327

# Monochromacy



## Original Color

193.5230, 20.4482, 21.4663

## Achromatopsia

194.0000, 0.0000, 0.0000

## Achromatomaly

193.7050, 7.5404, 8.1517

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 193.5230, 20.4482, 21.4663 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(218, 173, 235)` looks like.

```
.text, #text, p{  
    color:rgb(218, 173, 235)  
}
```

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(218, 173, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 173, 235) }
```

## Border

The CSS property to change the border of an element to YUV 193.5230, 20.4482, 21.4663 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(218, 173, 235) }
```



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

```
.border{ border-color:rgb(218, 173, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 173, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 173, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 173, 235);  
box-shadow:4px 4px 4px 4px rgb(218, 173,  
235) }
```

# Background

The CSS property to change the background color of an element to YUV 193.5230, 20.4482, 21.4663 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 173, 235) }
```

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

```
.background{ background-color: rgb(218,  
173, 235) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor