

# Converting Colors

YUV(196.7670, 20.3279,  
13.3593)

Have a look what the booklet for  
YUV(196.7670, 20.3279, 13.3593)  
contains.

<b>YUV(196.7670, 20.3279, 13.3593)</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(196.7670, 20.3279,  
13.3593)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D4B5EE
RGB	212, 181, 238
RGB Percent	83%, 71%, 93%
CMY	0.1686, 0.2902, 0.0667
CMYK	0.11, 0.24, 0.00, 0.07
HSL	273°, 63%, 82%
HSV	273°, 24%, 93%
XYZ	59.1079, 53.2178, 88.0457
YIQ	196.7670, 0.1790, 24.2990

# Conversions

## Conversions Part 2

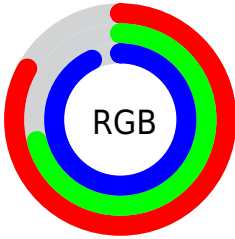
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	212, 181, 238
Decimal	13940206
CIE Lab	78.00, 21.59, -24.25
CIE LCh	78, 32.474, 311.680
Yxy	53.2178, 0.2950, 0.2656
Android (android.graphics.Color)	4292130286 (0xFFD4B5EE)
YUV	196.7670, 20.3279, 13.3593
Hunter-Lab	72.9506, 16.9654, -20.4930

# Details

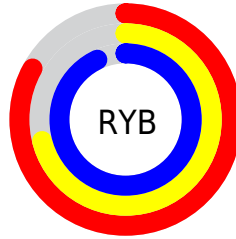
The YUV color **196.7670, 20.3279, 13.3593** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **222.2330, -20.3279, -13.3593**, and the grayscale version is **197.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **244.4340, 5.2090, 9.2664**, and **142.8270, 19.3123, 12.4297** is the 20% darker color. If you saturate the color by 10%, you get **179.3900, 28.8947, 18.9520**, and if you desaturate by 10%, it is **214.1440, 11.7610, 7.7667**.

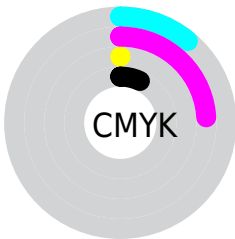
# Distribution



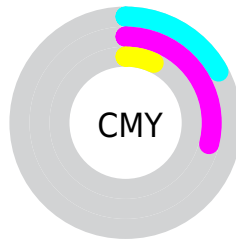
- Red (83%)
- Green (71%)
- Blue (93%)



- Red (83%)
- Yellow (71%)
- Blue (93%)



- Cyan (11%)
- Magenta (24%)
- Yellow (0%)
- Black (7%)



- Cyan (17%)
- Magenta (29%)
- Yellow (7%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 196.7670, 20.3279, 13.3593 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 196.7670, 20.3279, 13.3593 by changing the saturation by 10% instead.



■ 196.7670, 20.3279,  
13.3593

■ 196.7670, 20.3279,  
13.3593

255.0000, 0.0000,  
0.0000

■ 169.3540, 20.0385,  
12.8445

■ 244.4340, 5.2090,  
9.2664

■ 142.8270, 19.3123,  
12.4297

■ 117.0010, 18.7335,  
11.4001

■ 91.8870, 18.2967,  
11.5001

■ 68.0610, 17.7179,  
10.4705

■ 45.1210, 16.7023,  
9.5409

■ 23.2950, 16.1236,

8.5113

■ 6.6810, 13.9613,  
2.0338

■ 1.0260, 3.9312,  
-0.8998

■ 196.7670, 20.3279,  
13.3593

■ 196.7670, 20.3279,  
13.3593

■ 179.3900, 28.8947,  
18.9520

■ 214.1440, 11.7610,  
7.7667

■ 162.0130, 37.4616,  
24.5446

■ 231.5210, 3.1941,  
2.1741

■ 145.2230, 45.7391,  
29.6224

■ 248.3110, -5.0833,  
-2.9037

■ 128.1450, 54.1585,  
35.8298

■ 253.0620, -7.4256,  
1.6996

■ 110.7680, 62.7254,  
41.4225

■ 93.3910, 71.2922,  
47.0151

■ 76.0140, 79.8591,  
52.6077

■ 65.7030, 84.9424,  
55.5115

# Harmonies

## Analogous

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



192.5610, 29.3034, -18.9090



196.7670, 20.3279, 13.3593



197.8920, 7.4482, 37.8057

# Triad

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



196.7670, 20.3279, 13.3593



192.8690, -28.0364, 32.5639



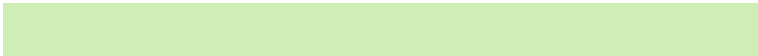
177.6220, 13.0044, -64.5665

# Complementary

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



196.7670, 20.3279, 13.3593



222.2330, -20.3279, -13.3593

# 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.



181.8840, -4.3798, -41.9943



196.7670, 20.3279, 13.3593



190.0250, -28.1133, 10.5021

# Square

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



196.7670, 20.3279, 13.3593



194.7320, -20.0809, 47.5930



186.4500, -19.4488, -15.3036



177.5580, 26.8399, -68.8954



# Rectangle

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



196.7670, 20.3279, 13.3593



196.7270, -2.3304, 47.5974



186.4500, -19.4488, -15.3036



179.1730, 7.3097, -58.0337

# Sweetspot

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



196.7670, 20.3279, 13.3593



242.0420, 6.3883, 4.3482



203.3470, 17.0839, -19.5983



120.0480, 3.9203, 2.5889



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.



196.7670, 20.3279, 13.3593



201.3960, 26.4268, 17.1927



204.3130, 15.6217, 29.5435



111.1620, 4.3571, 2.4889



50.8760, 65.6301, 43.0817



15.6530, 19.8911, 13.4593



# Inverse Universe

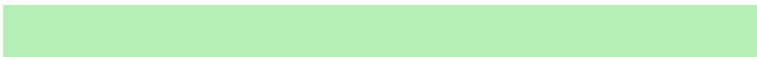
The Inverse Universe completely reimagines the original color for something new.



201.0070, 2.9545, 32.4429



207.0020, 3.9430, 42.0942



214.6870, -15.6217, -29.5435



112.1580, 0.4151, 6.8774



64.5920, 9.5681, 104.7208

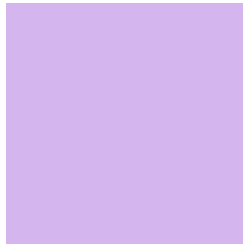


19.7080, 3.1020, 31.8281



# Previews

## White Background



This preview shows how the YUV color 196.7670, 20.3279, 13.3593 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

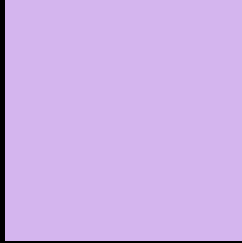
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 196.7670, 20.3279, 13.3593 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

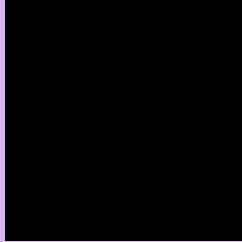
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# YUV 196.7670, 20.3279, 13.3593

## Background



This preview shows how black text looks on a background with the YUV color 196.7670, 20.3279, 13.3593.



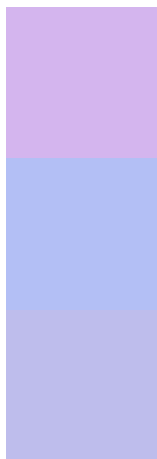
This preview shows how white text looks on a background with the YUV color 196.7670, 20.3279, 13.3593.



# 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

196.7670, 20.3279, 13.3593

### Protanopia

193.5680, 25.3560, -12.7761

### Deuteranopia

194.6570, 20.3821, -4.0842



## Tritanopia

194.9780, 3.4618, 9.6663

# Trichromacy



## Original Color

196.7670, 20.3279, 13.3593

## Protanomaly

194.4660, 23.4343, -3.0397

## Deuteranomaly

195.4020, 20.5078, 2.2784

## Tritanomaly

195.2970, 9.7136, 11.1405

# Monochromacy



## Original Color

196.7670, 20.3279, 13.3593

## Achromatopsia

197.0000, 0.0000, 0.0000

## Achromatomaly

196.6830, 7.5513, 4.6630

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 196.7670, 20.3279, 13.3593 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(212, 181, 238)` looks like.

```
.text, #text, p{  
    color:rgb(212, 181, 238)  
}
```

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(212, 181, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 181, 238) }
```

## Border

The CSS property to change the border of an element to YUV 196.7670, 20.3279, 13.3593 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(212, 181, 238) }
```



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

```
.border{ border-color:rgb(212, 181, 238) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 181, 238)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 181, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 181, 238);  
box-shadow:4px 4px 4px 4px rgb(212, 181,  
238) }
```

# Background

The CSS property to change the background color of an element to YUV 196.7670, 20.3279, 13.3593 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 181, 238) }
```

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

```
.background{ background-color: rgb(212,  
181, 238) }
```

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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