

# Converting Colors

YUV(196.1770, 15.1957,  
26.1548)

Have a look what the booklet for  
YUV(196.1770, 15.1957, 26.1548)  
contains.

<b>YUV(196.1770, 15.1957, 26.1548)</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(196.1770, 15.1957,  
26.1548)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E2AFE3
RGB	226, 175, 227
RGB Percent	89%, 69%, 89%
CMY	0.1137, 0.3137, 0.1098
CMYK	0.00, 0.23, 0.00, 0.11
HSL	299°, 48%, 79%
HSV	299°, 23%, 89%
XYZ	60.5591, 52.3747, 79.5906
YIQ	196.1770, 13.7040, 26.9840

# Conversions

## Conversions Part 2

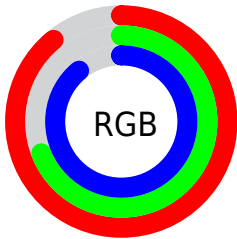
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	226, 175, 227
Decimal	14856163
CIE <sub>Lab</sub>	77.50, 27.21, -18.95
CIE <sub>LCh</sub>	78, 33.157, 325.148
Yxy	52.3747, 0.3146, 0.2720
Android (android.graphics.Color)	4293046243 (0xFFE2AFE3)
YUV	196.1770, 15.1957, 26.1548
Hunter-Lab	72.3704, 22.7196, -14.5459

# Details

The YUV color **196.1770, 15.1957, 26.1548** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **205.8230, -15.1957, -26.1548**, and the grayscale version is **196.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **240.9120, 6.9454, 12.3552**, and **142.0520, 14.7644, 24.5104** is the 20% darker color. If you saturate the color by 10%, you get **182.6760, 21.8517, 37.9951**, and if you desaturate by 10%, it is **209.6780, 8.5397, 14.3144**.

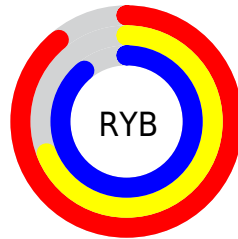
# Distribution



Red (89%)

Green (69%)

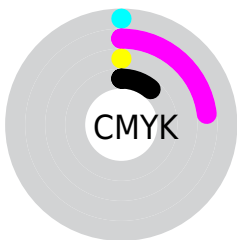
Blue (89%)



Red (89%)

Yellow (69%)

Blue (89%)

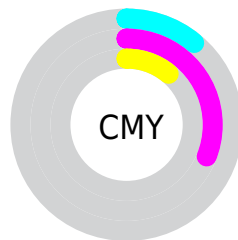


Cyan (0%)

Magenta (23%)

Yellow (0%)

Black (11%)



Cyan (11%)

Magenta (31%)


Yellow (11%)


# Brightness & Saturation Gradients

These gradients show how the YUV color 196.1770, 15.1957, 26.1548 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 196.1770, 15.1957, 26.1548 by changing the saturation by 10% instead.





 196.1770, 15.1957,  
26.1548


 196.1770, 15.1957,  
26.1548


255.0000, 0.0000,  
0.0000


 168.7640, 14.9063,  
25.6400


 240.9120, 6.9454,  
12.3552

 142.0520, 14.7644,  
24.5104

 116.2260, 14.1856,  
23.4808

 90.8130, 13.8962,  
22.9660

 66.9870, 13.3174,  
21.9364

 43.3890, 13.6122,  
20.7068

 20.9760, 13.3228,

20.1920

■ 9.6560, 8.5506,  
10.8257

■ 0.0000, 0.0000,  
0.0000

■ 196.1770, 15.1957,  
26.1548

■ 196.1770, 15.1957,  
26.1548

■ 182.6760, 21.8517,  
37.9951

■ 209.6780, 8.5397,  
14.3144

■ 169.4630, 28.3657,  
48.7059

■ 222.8910, 2.0257,  
3.6036

■ 155.9620, 35.0217,  
60.5463

■ 236.3920, -4.6303,  
-8.2368

■ 142.1620, 41.8251,  
71.7719

■ 243.7350, -8.2504,  
-13.7996

■ 129.2480, 48.1917,  
83.0975

■ 244.0340, -8.3978,  
-13.1848

■ 115.4480, 54.9951,  
94.3231

■ 244.3330, -8.5452,  
-12.5700

■ 101.9470, 61.6511,  
106.1635

■ 92.5550, 66.2814,  
114.4003

# Harmonies

## Analogous

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



193.2640, 26.4918, -3.7395



196.1770, 15.1957, 26.1548



195.9270, 1.0220, 45.6680

# Triad

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



196.1770, 15.1957, 26.1548



190.3580, -29.7565, 24.2420



174.5270, 20.4462, -71.4992

# Complementary

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



196.1770, 15.1957, 26.1548



205.8230, -15.1957, -26.1548

# 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.



177.8700, 3.5151, -54.2600



196.1770, 15.1957, 26.1548



187.2300, -25.7494, -1.0787

# Square

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



196.1770, 15.1957, 26.1548



192.7330, -25.0114, 42.3302



183.1540, -13.8799, -28.1991



178.3180, 30.9022, -65.1769



# Rectangle

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



196.1770, 15.1957, 26.1548



195.0280, -8.8878, 50.8414



183.1540, -13.8799, -28.1991



174.5830, 15.4886, -68.0403

# Sweetspot

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



196.1770, 15.1957, 26.1548



244.4340, 5.2090, 9.2664



182.1020, 22.1347, -6.2285



121.2440, 3.3307, 5.0480



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.



196.1770, 15.1957, 26.1548



214.1980, 20.1154, 34.9064



193.7400, 4.5652, 29.1690



107.9560, 3.4727, 6.1776



72.7310, 52.3906, 89.6899



20.7640, 14.9063, 25.6400



# Inverse Universe

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



190.6620, -7.2284, 31.8684



206.7450, -9.7343, 42.3196



208.2600, -4.5652, -29.1690



106.5880, -1.7689, 7.3773



53.8630, -25.0755, 109.7451



15.3630, -7.0810, 31.2536



# Previews

## White Background



This preview shows how the YUV color 196.1770, 15.1957, 26.1548 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

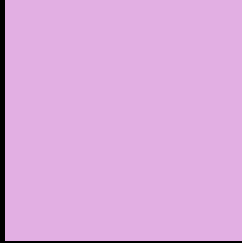
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 196.1770, 15.1957, 26.1548 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

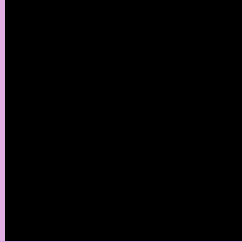
Any Text WCAG AA ✓ Pass

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 196.1770, 15.1957, 26.1548 Background



This preview shows how black text looks on a background with the YUV color 196.1770, 15.1957, 26.1548.



This preview shows how white text looks on a background with the YUV color 196.1770, 15.1957,



# 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

196.1770, 15.1957, 26.1548

### Protanopia

192.6670, 21.8562, -10.2320

### Deuteranopia

193.4250, 15.5665, 0.5043



## Tritanopia

194.5560, 0.2189, 23.1914

# Trichromacy



## Original Color

196.1770, 15.1957, 26.1548



## Protanomaly

194.0600, 19.1974, 2.5784



## Deuteranomaly

194.7790, 15.3920, 9.8408



## Tritanomaly

195.3480, 5.7444, 24.2508

# Monochromacy



## Original Color

196.1770, 15.1957, 26.1548



## Achromatopsia

196.0000, 0.0000, 0.0000



## Achromatomaly

195.8470, 5.4984, 9.7812

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 196.1770, 15.1957, 26.1548 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(226, 175, 227)` looks like.

```
.text, #text, p{  
    color:rgb(226, 175, 227)  
}
```

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(226, 175, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 175, 227) }
```

## Border

The CSS property to change the border of an element to YUV 196.1770, 15.1957, 26.1548 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(226, 175, 227) }
```



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

```
.border{ border-color:rgb(226, 175, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 175, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 175, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 175, 227);  
box-shadow:4px 4px 4px 4px rgb(226, 175,  
227) }
```

# Background

The CSS property to change the background color of an element to YUV 196.1770, 15.1957, 26.1548 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 175, 227) }
```

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

```
.background{ background-color: rgb(226,  
175, 227) }
```

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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