

Converting Colors

YUV(158.2760, 18.5979,
55.0089)

Have a look what the booklet for
YUV(158.2760, 18.5979, 55.0089)
contains.

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Color

**YUV(158.2760, 18.5979,
55.0089)**

Conversions

Conversions Part 1

Format	Color
Hex	DD77C4
RGB	221, 119, 196
RGB Percent	87%, 47%, 77%
CMY	0.1333, 0.5333, 0.2314
CMYK	0.00, 0.46, 0.11, 0.13
HSL	315°, 60%, 67%
HSV	315°, 46%, 87%
XYZ	46.3794, 32.5513, 56.0631
YIQ	158.2760, 36.0750, 45.5710

Conversions

Conversions Part 2

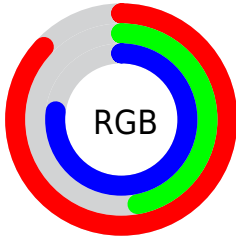
Format	Color
R _{YB}	221, 119, 196
Decimal	14514116
CIE Lab	63.80, 49.69, -22.72
CIE LCh	64, 54.640, 335.428
Yxy	32.5513, 0.3436, 0.2411
Android (android.graphics.Color)	4292704196 (0xFFDD77C4)
YUV	158.2760, 18.5979, 55.0089
Hunter-Lab	57.0538, 45.2599, -18.3229

Details

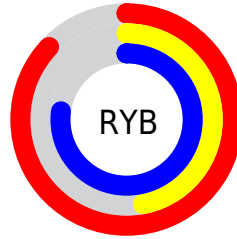
The YUV color **158.2760, 18.5979, 55.0089** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **181.7240, -18.5979, -55.0089**, and the grayscale version is **158.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **207.2250, 22.5671, 41.8987**, and **103.9660, 18.7508, 52.6498** is the 20% darker color. If you saturate the color by 10%, you get **144.7920, 22.7805, 66.8344**, and if you desaturate by 10%, it is **171.7600, 14.4153, 43.1835**.

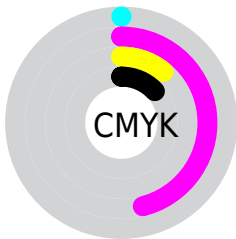
Distribution



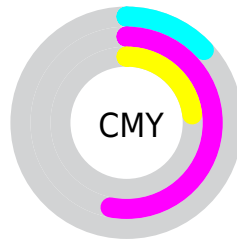
- Red (87%)
- Green (47%)
- Blue (77%)



- Red (87%)
- Yellow (47%)
- Blue (77%)



- Cyan (0%)
- Magenta (46%)
- Yellow (11%)
- Black (13%)




- Cyan (13%)
- Magenta (53%)
- Yellow (23%)

Brightness & Saturation Gradients


These gradients show how the YUV color 158.2760, 18.5979, 55.0089 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 158.2760, 18.5979, 55.0089 by changing the saturation by 10% instead.

 158.2760, 18.5979,
55.0089


 158.2760, 18.5979,
55.0089


255.0000, 0.0000,
0.0000


 130.6780, 18.8927,
53.7794


 207.2250, 22.5671,
41.8987


 103.9660, 18.7508,
52.6498


 223.8890, 15.3377,
27.2843

 76.1940, 19.6244,
52.4499

 240.9120, 6.9454,
12.3552

 43.6660, 23.8287,
57.2979

 32.5690, 17.4675,
44.2280

 22.4720, 11.1063,
31.1581

 12.0050, 5.9135,

16.6586

■ 0.0000, 0.0000,
0.0000

■ 158.2760, 18.5979,
55.0089

■ 158.2760, 18.5979,
55.0089

■ 144.7920, 22.7805,
66.8344

■ 171.7600, 14.4153,
43.1835

■ 131.1940, 26.5264,
78.7599

■ 185.3580, 10.6695,
31.2580

■ 117.7100, 30.7090,
90.5853

■ 198.8420, 6.4869,
19.4326

■ 104.1120, 34.4548,
102.5108

■ 212.4400, 2.7411,
7.5071

■ 90.0410, 38.9268,
114.8510

■ 226.5110, -1.7309,
-4.8331

■ 85.1170, 40.3683,
119.1694

■ 240.1090, -5.4767,
-16.7586

■ 242.4400, -4.1609,
-18.8029

■ 243.0100, -1.9769,
-19.3028

■ 243.6940, 0.6439,
-19.9026

Harmonies

Analogous

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



158.2130, 37.3630, 9.4602



158.2760, 18.5979, 55.0089



154.6860, -3.2962, 77.4514

Triad

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



158.2760, 18.5979, 55.0089



148.5260, -48.0803, 21.4637



127.8390, 40.5054, -112.1148

Complementary

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



158.2760, 18.5979, 55.0089



181.7240, -18.5979, -55.0089

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.



123.5410, 18.9603, -108.3455



158.2760, 18.5979, 55.0089



143.1880, -35.5887, -18.5819

Square

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



158.2760, 18.5979, 55.0089



151.5160, -42.6524, 53.9215



128.9370, -8.3499, -75.3667



127.4920, 56.9454, -111.8105

Rectangle

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



158.2760, 18.5979, 55.0089



153.3860, -18.4313, 78.5915



128.9370, -8.3499, -75.3667



126.7160, 33.6640, -111.1299

Sweetspot

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



158.2760, 18.5979, 55.0089



232.8420, 6.4869, 19.4326



137.8040, 41.0156, 4.5569



114.4020, 3.7458, 11.9254



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.



158.2760, 18.5979, 55.0089



168.9440, 25.6636, 75.4711



152.5760, -3.2420, 60.0078



103.2010, 1.8729, 5.9627



66.6610, 31.7191, 93.2593



17.7440, 8.5072, 24.7805

Inverse Universe

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



158.2760, 18.5979, 55.0089



168.9440, 25.6636, 75.4711



187.4240, 3.2420, -60.0078



103.2010, 1.8729, 5.9627



66.6610, 31.7191, 93.2593



17.7440, 8.5072, 24.7805

Previews

White Background



This preview shows how the YUV color 158.2760, 18.5979, 55.0089 looks on a white background.

Color Contrast Check

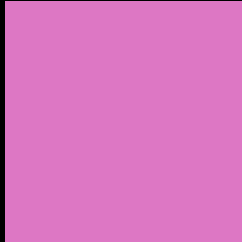
Large Text (above 18pt) WCAG AA × Fail

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 158.2760, 18.5979, 55.0089 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

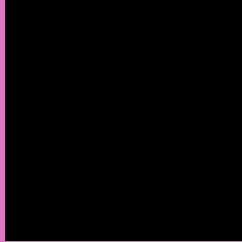
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 158.2760, 18.5979, 55.0089

Background



This preview shows how black text looks on a background with the YUV color 158.2760, 18.5979, 55.0089.



This preview shows how white text looks on a background with the YUV color 158.2760, 18.5979, 55.0089.

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

158.2760, 18.5979, 55.0089

Protanopia

154.7720, 32.6504, -19.0940

Deuteranopia

156.3320, 16.5983, -3.7992



Tritanopia

157.2560, -8.0142, 50.6415

Trichromacy



Original Color

158.2760, 18.5979, 55.0089



Protanomaly

156.2700, 27.4749, 7.6562



Deuteranomaly

156.9910, 17.2594, 17.5479



Tritanomaly

157.7860, 1.5845, 51.9307

Monochromacy



Original Color

158.2760, 18.5979, 55.0089



Achromatopsia

158.0000, 0.0000, 0.0000



Achromatomaly

158.2550, 6.7763, 19.9474

CSS Examples

Text

The CSS property to change the color of the text to YUV 158.2760, 18.5979, 55.0089 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(221, 119, 196)` looks like.

```
.text, #text, p{  
    color:rgb(221, 119, 196)  
}
```

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(221, 119, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 119, 196) }
```

Border

The CSS property to change the border of an element to YUV 158.2760, 18.5979, 55.0089 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(221, 119, 196) }
```


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

```
.border{ border-color:rgb(221, 119, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 119, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 119, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 119, 196);  
box-shadow:4px 4px 4px 4px rgb(221, 119,  
196) }
```

Background

The CSS property to change the background color of an element to YUV 158.2760, 18.5979, 55.0089 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 119, 196) }
```

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

```
.background{ background-color: rgb(221,  
119, 196) }
```

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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