

Converting Colors

YUV(159.5760, 26.8310,
27.5588)

Have a look what the booklet for
YUV(159.5760, 26.8310, 27.5588)
contains.

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Color

**YUV(159.5760, 26.8310,
27.5588)**

Conversions

Conversions Part 1

Format	Color
Hex	BF85D6
RGB	191, 133, 214
RGB Percent	75%, 52%, 84%
CMY	0.2510, 0.4784, 0.1608
CMYK	0.11, 0.38, 0.00, 0.16
HSL	283°, 50%, 68%
HSV	283°, 38%, 84%
XYZ	42.0110, 32.7065, 67.7171
YIQ	159.5760, 8.5670, 37.4870

Conversions

Conversions Part 2

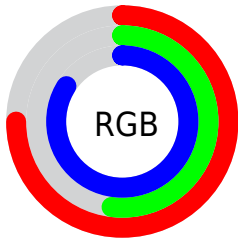
Format	Color
R _Y B	191, 133, 214
Decimal	12551638
CIE Lab	63.92, 36.38, -32.92
CIE LCh	64, 49.061, 317.857
Yxy	32.7065, 0.2949, 0.2296
Android (android.graphics.Color)	4290741718 (0xFFBF85D6)
YUV	159.5760, 26.8310, 27.5588
Hunter-Lab	57.1896, 31.0429, -30.1715

Details

The YUV color **159.5760, 26.8310, 27.5588** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **187.4240, -26.8310, -27.5588**, and the grayscale version is **159.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **212.9910, 20.7104, 30.7029**, and **106.9240, 25.6735, 25.4997** is the 20% darker color. If you saturate the color by 10%, you get **145.4550, 33.7927, 34.6810**, and if you desaturate by 10%, it is **173.6970, 19.8694, 20.4367**.

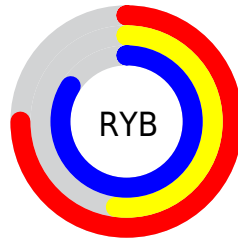
Distribution



Red (75%)

Green (52%)

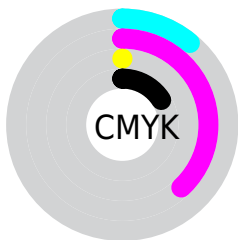
Blue (84%)



Red (75%)

Yellow (52%)

Blue (84%)

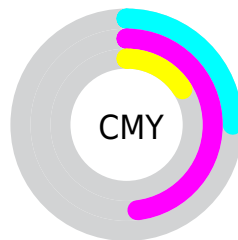


Cyan (11%)

Magenta (38%)

Yellow (0%)

Black (16%)



Cyan (25%)

Magenta (48%)

Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the YUV color 159.5760, 26.8310, 27.5588 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 159.5760, 26.8310, 27.5588 by changing the saturation by 10% instead.

159.5760, 26.8310,
27.5588

159.5760, 26.8310,
27.5588

255.0000, 0.0000,
0.0000

132.7500, 26.2523,
26.5293

212.9910, 20.7104,
30.7029

106.9240, 25.6735,
25.4997

231.5200, 11.5756,
20.5920

82.0980, 25.0947,
24.4701

248.5430, 3.1833,
5.6628

57.2720, 24.5159,
23.4405

31.6850, 24.8053,
23.9553

17.4900, 20.4644,
16.2333

4.2180, 16.1615,

-3.6992

■ 1.3680, 5.2416,
-1.1997

■ 0.0000, 0.0000,
0.0000

■ 159.5760, 26.8310,
27.5588

■ 159.5760, 26.8310,
27.5588

■ 145.4550, 33.7927,
34.6810

■ 173.6970, 19.8694,
20.4367

■ 130.7470, 41.0437,
42.3179

■ 188.4050, 12.6183,
12.7998

■ 116.6260, 48.0054,
49.4400

■ 202.5260, 5.6567,
5.6777

■ 101.9180, 55.2564,
57.0769

■ 217.2340, -1.5944,
-1.9592

87.7970, 62.2181,
64.1990

231.3550, -8.5560,
-9.0813

73.6760, 69.1797,
71.3211

241.9540,
-13.7813, -13.1147

70.1430, 70.9215,
72.6656

244.0470,
-14.8132, -8.8112

245.8410,
-15.6976, -5.1226

247.6350,
-16.5821, -1.4339

Harmonies

Analogous

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



153.4540, 41.6812, -22.3232



159.5760, 26.8310, 27.5588



158.2630, 8.2513, 60.2823

Triad

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



159.5760, 26.8310, 27.5588



151.6450, -41.7300, 38.0223



124.4190, 27.4014, -109.1155

Complementary

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



159.5760, 26.8310, 27.5588



187.4240, -26.8310, -27.5588

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.



118.7020, 8.0349, -104.1017



159.5760, 26.8310, 27.5588



148.6040, -39.7378, 5.6093

Square

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



159.5760, 26.8310, 27.5588



154.0730, -30.6020, 62.2030



141.6020, -23.4678, -32.9770



126.5170, 45.5941, -110.9554

Rectangle

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



159.5760, 26.8310, 27.5588



155.7730, -5.3111, 70.3591



141.6020, -23.4678, -32.9770



122.7090, 20.8495, -107.6158

Sweetspot

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



159.5760, 26.8310, 27.5588



236.1720, 9.2822, 9.4962



156.3220, 28.4353, -20.4534



116.5260, 5.6567, 5.6777



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.



159.5760, 26.8310, 27.5588



177.6280, 38.1444, 38.9142



164.6290, 16.4519, 43.2984



99.6460, 3.6255, 3.8185



55.9720, 56.7088, 57.9066



14.1710, 14.2127, 14.7590

Inverse Universe

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



159.8410, -1.8936, 47.4974



178.1470, -2.5375, 67.4001



182.3710, -16.4519, -43.2984



99.6310, -0.3111, 6.4626



56.7150, -3.8035, 100.2279



14.2250, -1.0969, 25.2357

Previews

White Background



This preview shows how the YUV color 159.5760, 26.8310, 27.5588 looks on a white background.

Color Contrast Check

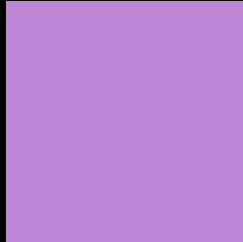
Large Text (above 18pt) WCAG AA × Fail

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 159.5760, 26.8310, 27.5588 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 159.5760, 26.8310, 27.5588

Background



This preview shows how black text looks on a background with the YUV color 159.5760, 26.8310, 27.5588.



This preview shows how white text looks on a background with the YUV color 159.5760, 26.8310,

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

159.5760, 26.8310, 27.5588

Protanopia

154.6020, 37.1712, -22.4530

Deuteranopia

155.3120, 26.9612, -14.3056



Tritanopia

157.3170, -0.6493, 21.6470

Trichromacy



Original Color

159.5760, 26.8310, 27.5588



Protanomaly

156.6860, 33.1858, -4.1096



Deuteranomaly

156.9980, 26.6230, 0.8788



Tritanomaly

158.2600, 9.2388, 23.4510

Monochromacy



Original Color

159.5760, 26.8310, 27.5588



Achromatopsia

160.0000, 0.0000, 0.0000



Achromatomaly

159.6990, 10.0084, 9.9110

CSS Examples

Text

The CSS property to change the color of the text to YUV 159.5760, 26.8310, 27.5588 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(191, 133, 214)` looks like.

```
.text, #text, p{  
    color:rgb(191, 133, 214)  
}
```

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(191, 133, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 133, 214) }
```

Border

The CSS property to change the border of an element to YUV 159.5760, 26.8310, 27.5588 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(191, 133, 214) }
```


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

```
.border{ border-color:rgb(191, 133, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 133, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 133, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 133, 214);  
box-shadow:4px 4px 4px 4px rgb(191, 133,  
214) }
```

Background

The CSS property to change the background color of an element to YUV 159.5760, 26.8310, 27.5588 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 133, 214) }
```

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

```
.background{ background-color: rgb(191,  
133, 214) }
```

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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