

Converting Colors

YUV(158.7700, -0.8726,
46.6827)

Have a look what the booklet for
YUV(158.7700, -0.8726, 46.6827)
contains.

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Color

**YUV(158.7700, -0.8726,
46.6827)**

Conversions

Conversions Part 1

Format	Color
Hex	D4849D
RGB	212, 132, 157
RGB Percent	83%, 52%, 62%
CMY	0.1686, 0.4824, 0.3843
CMYK	0.00, 0.38, 0.26, 0.17
HSL	341°, 48%, 67%
HSV	341°, 38%, 83%
XYZ	41.4884, 32.9339, 36.0685
YIQ	158.7700, 39.6550, 24.7350

Conversions

Conversions Part 2

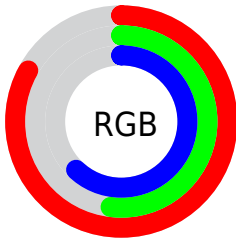
Format	Color
R _Y B	212, 132, 157
Decimal	13927581
CIE Lab	64.11, 34.00, -0.27
CIE LCh	64, 33.996, 359.548
Yxy	32.9339, 0.3755, 0.2981
Android (android.graphics.Color)	4292117661 (0xFFD4849D)
YUV	158.7700, -0.8726, 46.6827
Hunter-Lab	57.3881, 28.6167, 2.9078

Details

The YUV color $158.7700, -0.8726, 46.6827$ is a light color, and the websafe version is hex $CC6699$. A complement of this color would be $185.2300, 0.8726, -46.6827$, and the grayscale version is $159.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $209.4810, 0.7489, 39.9202$, and $106.2750, -0.1356, 43.6088$ is the 20% darker color. If you saturate the color by 10%, you get $144.7330, -1.3474, 58.9932$, and if you desaturate by 10%, it is $172.8070, -0.3979, 34.3723$.

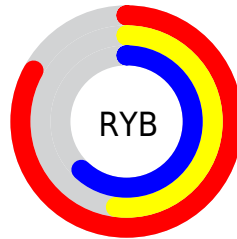
Distribution



Red (83%)

Green (52%)

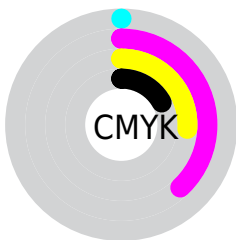
Blue (62%)



Red (83%)

Yellow (52%)

Blue (62%)

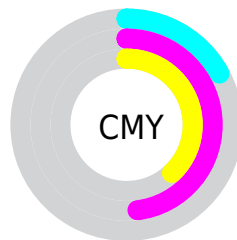


Cyan (0%)

Magenta (38%)

Yellow (26%)

Black (17%)



Cyan (17%)


Magenta (48%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the YUV color 158.7700, -0.8726, 46.6827 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 158.7700, -0.8726, 46.6827 by changing the saturation by 10% instead.

 158.7700, -0.8726,
46.6827


 158.7700, -0.8726,
46.6827


255.0000, 0.0000,
0.0000


 131.8730, -0.4304,
44.8384


 209.4810, 0.7489,
39.9202

 106.2750, -0.1356,
43.6088


 229.2230, 5.3131,
22.6064

 80.4920, 0.7434,
41.6645

 247.9560, 3.4727,
6.1776

 56.0080, 1.4751,
40.3350

 29.2900, 3.8010,
40.9647

 17.3720, -0.6764,
30.3688

 5.9800, -2.9481,

12.2955

■ 0.0000, 0.0000,
0.0000

■ 158.7700, -0.8726,
46.6827

■ 158.7700, -0.8726,
46.6827

■ 144.7330, -1.3474,
58.9932

■ 172.8070, -0.3979,
34.3723

■ 130.8100, -1.3853,
71.2036

■ 186.7300, -0.3599,
22.1618

■ 116.1860, -1.5707,
84.0289

■ 201.3540, -0.1745,
9.3365

■ 102.2630, -1.6087,
96.2393

■ 215.2770, -0.1366,
-2.8739

■ 88.2260, -2.0834,
108.5498

■ 229.3140, 0.3382,
-15.1844

■ 74.3030, -2.1214,
120.7603

■ 240.8890, 1.5337,
-25.3357

■ 70.9120, -2.4216,
123.7342

■ 242.1430, 6.3385,
-26.4354

Harmonies

Analogous

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



159.4440, 13.5851, 29.4286



158.7700, -0.8726, 46.6827



157.1220, -14.8501, 49.8820

Triad

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



158.7700, -0.8726, 46.6827



149.7780, -23.5546, -5.0673



139.5670, 33.2445, -69.7803

Complementary

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



158.7700, -0.8726, 46.6827



185.2300, 0.8726, -46.6827

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.



131.8180, 25.7257, -84.9094



158.7700, -0.8726, 46.6827



145.6310, -10.6641, -33.0024

Square

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



158.7700, -0.8726, 46.6827



153.1510, -29.1614, 20.0386



139.1510, 7.3206, -61.5224



150.5590, 32.2624, -34.6932

Rectangle

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



158.7700, -0.8726, 46.6827



156.3140, -22.8328, 43.5746



139.1510, 7.3206, -61.5224



134.9850, 32.5454, -78.9168

Sweetspot

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



158.7700, -0.8726, 46.6827



236.3980, -0.1962, 16.3140



157.5650, 26.8365, 25.8145



116.6530, -0.3219, 9.9513



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.



158.7700, -0.8726, 46.6827



178.4890, -1.2271, 67.1001



164.7250, -16.1334, 41.4602



99.7450, 0.1257, 6.3626



57.1710, -2.0563, 99.8280



14.4530, -0.2233, 25.0357

Inverse Universe

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



158.7700, -0.8726, 46.6827



178.4890, -1.2271, 67.1001



179.2750, 16.1334, -41.4602



99.7450, 0.1257, 6.3626



57.1710, -2.0563, 99.8280



14.4530, -0.2233, 25.0357

Previews

White Background



This preview shows how the YUV color 158.7700, -0.8726, 46.6827 looks on a white background.

Color Contrast Check

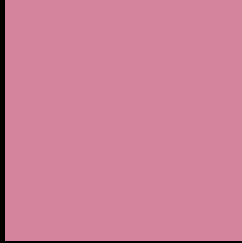
Large Text (above 18pt) WCAG AA × Fail

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 158.7700, -0.8726, 46.6827 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

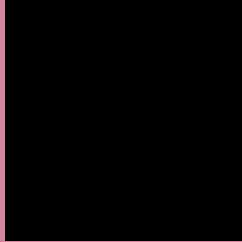
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 158.7700, -0.8726, 46.6827

Background



This preview shows how black text looks on a background with the YUV color 158.7700, -0.8726, 46.6827.



This preview shows how white text looks on a background with the YUV color 158.7700, -0.8726,

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

158.7700, -0.8726, 46.6827

Protanopia

156.5250, 7.1362, -2.2144

Deuteranopia

157.6210, -1.7852, 12.6104



Tritanopia

158.1630, -6.9824, 46.3380

Trichromacy



Original Color

158.7700, -0.8726, 46.6827

Protanomaly

157.5380, 4.1718, 15.3142

Deuteranomaly

158.1110, -1.5337, 25.3357

Tritanomaly

158.1460, -4.5090, 46.3530

Monochromacy



Original Color

158.7700, -0.8726, 46.6827

Achromatopsia

159.0000, 0.0000, 0.0000

Achromatomaly

158.6970, -0.3436, 16.9287

CSS Examples

Text

The CSS property to change the color of the text to YUV 158.7700, -0.8726, 46.6827 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, 132, 157)` looks like.

```
.text, #text, p{  
    color:rgb(212, 132, 157)  
}
```

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, 132, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 132, 157) }
```

Border

The CSS property to change the border of an element to YUV 158.7700, -0.8726, 46.6827 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, 132, 157) }
```


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

```
.border{ border-color:rgb(212, 132, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 132, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 132, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 132, 157);  
box-shadow:4px 4px 4px 4px rgb(212, 132,  
157) }
```

Background

The CSS property to change the background color of an element to YUV 158.7700, -0.8726, 46.6827 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 132, 157) }
```

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

```
.background{ background-color: rgb(212,  
132, 157) }
```

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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