

Converting Colors

YUV(157.8500, 11.4129,
72.9225)

Have a look what the booklet for
YUV(157.8500, 11.4129, 72.9225)
contains.

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Color

**YUV(157.8500, 11.4129,
72.9225)**

Conversions

Conversions Part 1

Format	Color
Hex	F16FB5
RGB	241, 111, 181
RGB Percent	95%, 44%, 71%
CMY	0.0549, 0.5647, 0.2902
CMYK	0.00, 0.54, 0.25, 0.05
HSL	328°, 82%, 69%
HSV	328°, 54%, 95%
XYZ	50.3006, 33.4058, 47.5129
YIQ	157.8500, 55.0100, 49.3300

Conversions

Conversions Part 2

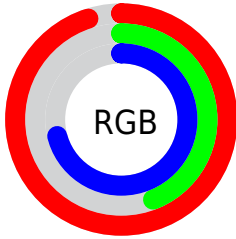
Format	Color
R_{YB}	241, 111, 181
Decimal	15822773
CIE _{Lab}	64.49, 57.50, -12.93
CIE _{LCh}	64, 58.937, 347.332
Yxy	33.4058, 0.3833, 0.2546
Android (android.graphics.Color)	4294012853 (0xFFFF16FB5)
YUV	157.8500, 11.4129, 72.9225
Hunter-Lab	57.7978, 54.1998, -8.2811

Details

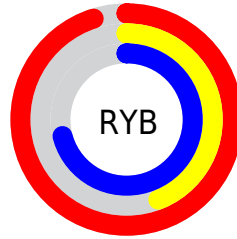
The YUV color **157.8500, 11.4129, 72.9225** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **194.1500, -11.4129, -72.9225**, and the grayscale version is **158.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **201.2920, 17.6040, 47.1019**, and **101.2950, 13.1656, 70.7783** is the 20% darker color. If you saturate the color by 10%, you get **142.5080, 13.5536, 86.3775**, and if you desaturate by 10%, it is **173.1920, 9.2723, 59.4676**.

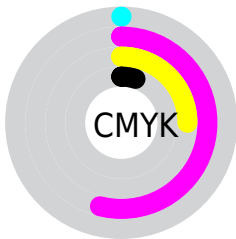
Distribution



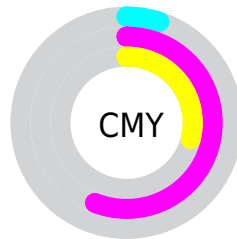
- Red (95%)
- Green (44%)
- Blue (71%)



- Red (95%)
- Yellow (44%)
- Blue (71%)



- Cyan (0%)
- Magenta (54%)
- Yellow (25%)
- Black (5%)





- Cyan (5%)
- Magenta (56%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the YUV color 157.8500, 11.4129, 72.9225 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 157.8500, 11.4129, 72.9225 by changing the saturation by 10% instead.


 157.8500, 11.4129,
72.9225


 157.8500, 11.4129,
72.9225


255.0000, 0.0000,
0.0000


 129.3660, 12.1446,
71.5930


 201.2920, 17.6040,
47.1019

 101.2950, 13.1656,
70.7783

 219.7800, 17.3635,
30.8879

 69.2290, 16.6491,
73.4672

 236.8030, 8.9711,
15.9588

 46.3810, 16.0812,
68.9489

254.4130, 0.2894,
0.5148

 35.3870, 10.1622,
54.0346

 24.9200, 4.9694,
39.5352

 14.2960, -2.1179,

26.0504

■ 0.0000, 0.0000,
0.0000

■ 157.8500, 11.4129,
72.9225

■ 157.8500, 11.4129,
72.9225

■ 142.5080, 13.5536,
86.3775

■ 173.1920, 9.2723,
59.4676

■ 127.1660, 15.6942,
99.8324

■ 188.5340, 7.1317,
46.0127

■ 111.8240, 17.8348,
113.2874

■ 203.8760, 4.9911,
32.5577

■ 96.4820, 19.9754,
126.7423

■ 219.2180, 2.8505,
19.1028

■ 86.8790, 21.2587,
135.1641

■ 234.6740, 1.1467,
5.5479

■ 250.0160, -0.9939,
-7.9070

■ 250.8140, 2.0637,
-8.6069

Harmonies

Analogous

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



160.9170, 33.0719, 32.5218



157.8500, 11.4129, 72.9225



154.2220, -12.9274, 86.6283

Triad

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



157.8500, 11.4129, 72.9225



147.2700, -49.9261, 6.7792



131.0480, 50.2623, -114.9291

Complementary

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



157.8500, 11.4129, 72.9225



194.1500, -11.4129, -72.9225

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.



128.0380, 28.5753, -112.2893



157.8500, 11.4129, 72.9225



139.1790, -28.6822, -40.4990

Square

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



157.8500, 11.4129, 72.9225



151.7570, -51.6452, 44.9401



121.2950, 5.2776, -106.3757



128.2730, 62.4764, -112.4954

Rectangle

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



157.8500, 11.4129, 72.9225



153.9380, -29.0564, 79.8614



121.2950, 5.2776, -106.3757



130.6260, 43.5684, -114.5590

Sweetspot

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



157.8500, 11.4129, 72.9225



228.7670, 3.5659, 23.0063



143.4610, 48.0867, 23.2747



111.9570, 1.9932, 14.0697



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.



157.8500, 11.4129, 72.9225



148.8940, 14.8423, 93.0550



150.5540, -16.5421, 79.3211



112.2720, 0.8519, 6.7775



66.3020, 16.1201, 103.2211



20.1640, 4.8491, 31.4282

Inverse Universe

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



157.8500, 11.4129, 72.9225



148.8940, 14.8423, 93.0550



201.3320, 16.1053, -79.2212



112.2720, 0.8519, 6.7775



66.3020, 16.1201, 103.2211



20.1640, 4.8491, 31.4282

Previews

White Background



This preview shows how the YUV color 157.8500, 11.4129, 72.9225 looks on a white background.

Color Contrast Check

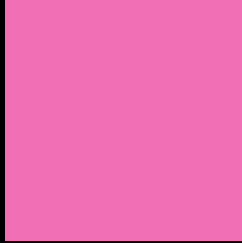
Large Text (above 18pt) WCAG AA × Fail

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 157.8500, 11.4129, 72.9225 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

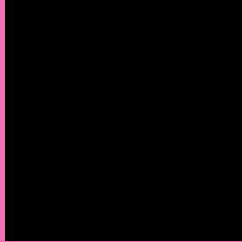
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 157.8500, 11.4129, 72.9225

Background



This preview shows how black text looks on a background with the YUV color 157.8500, 11.4129, 72.9225.



This preview shows how white text looks on a background with the YUV color 157.8500, 11.4129, 72.9225.

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

157.8500, 11.4129, 72.9225

Protanopia

157.1980, 26.5244, -14.2056

Deuteranopia

158.6830, 7.5513, 4.6630



Tritanopia

156.9980, -13.3100, 69.2848

Trichromacy



Original Color

157.8500, 11.4129, 72.9225



Protanomaly

157.3160, 21.0432, 17.2629



Deuteranomaly

158.5920, 9.0751, 29.2988



Tritanomaly

157.4140, -4.1481, 70.6739

Monochromacy



Original Color

157.8500, 11.4129, 72.9225



Achromatopsia

158.0000, 0.0000, 0.0000



Achromatomaly

157.9030, 3.9918, 26.3951

CSS Examples

Text

The CSS property to change the color of the text to YUV 157.8500, 11.4129, 72.9225 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(241, 111, 181)` looks like.

```
.text, #text, p{  
    color:rgb(241, 111, 181)  
}
```

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(241, 111, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 111, 181) }
```

Border

The CSS property to change the border of an element to YUV 157.8500, 11.4129, 72.9225 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(241, 111, 181) }
```


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

```
.border{ border-color:rgb(241, 111, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 111, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 111, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 111, 181);  
box-shadow:4px 4px 4px 4px rgb(241, 111,  
181) }
```

Background

The CSS property to change the background color of an element to YUV 157.8500, 11.4129, 72.9225 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 111, 181) }
```

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

```
.background{ background-color: rgb(241,  
111, 181) }
```

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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