

Converting Colors

YUV(151.8470, -0.9106,
58.8932)

Have a look what the booklet for
YUV(151.8470, -0.9106, 58.8932)
contains.

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Color

**YUV(151.8470, -0.9106,
58.8932)**

Conversions

Conversions Part 1

Format	Color
Hex	DB7696
RGB	219, 118, 150
RGB Percent	86%, 46%, 59%
CMY	0.1412, 0.5373, 0.4118
CMYK	0.00, 0.46, 0.32, 0.14
HSL	341°, 58%, 66%
HSV	341°, 46%, 86%
XYZ	41.1969, 30.2189, 32.5157
YIQ	151.8470, 49.9240, 31.3640

Conversions

Conversions Part 2

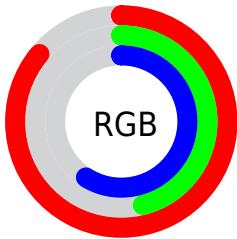
Format	Color
R _Y B	219, 118, 150
Decimal	14382742
CIE Lab	61.84, 42.87, 0.53
CIE LCh	62, 42.869, 0.707
Yxy	30.2189, 0.3964, 0.2908
Android (android.graphics.Color)	4292572822 (0xFFDB7696)
YUV	151.8470, -0.9106, 58.8932
Hunter-Lab	54.9718, 37.5707, 3.4103

Details

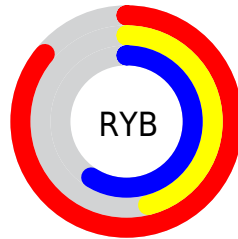
The YUV color **151.8470, -0.9106, 58.8932** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **185.1530, 0.9106, -58.8932**, and the grayscale version is **152.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **200.4650, 1.7428, 47.8272**, and **98.1670, 0.4107, 55.1045** is the 20% darker color. If you saturate the color by 10%, you get **137.2230, -1.0959, 71.7184**, and if you desaturate by 10%, it is **166.4710, -0.7252, 46.0679**.

Distribution



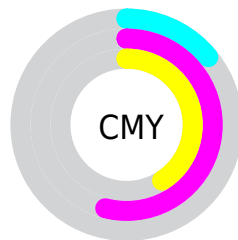
- Red (86%)
- Green (46%)
- Blue (59%)



- Red (86%)
- Yellow (46%)
- Blue (59%)



- Cyan (0%)
- Magenta (46%)
- Yellow (32%)
- Black (14%)



- Cyan (14%)
- Magenta (54%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the YUV color 151.8470, -0.9106, 58.8932 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 151.8470, -0.9106, 58.8932 by changing the saturation by 10% instead.


 151.8470, -0.9106,
58.8932


 151.8470, -0.9106,
58.8932


255.0000, 0.0000,
0.0000

 124.9500, -0.4683,
57.0489

 200.4650, 1.7428,
47.8272


 98.1670, 0.4107,
55.1045


 220.0930, 5.8702,
30.6134

 71.9110, 2.0159,
53.5751

 239.7380, 7.5242,
13.3848

 41.8450, 5.4994,
56.2639

 27.2690, 2.3324,
45.3681

 17.2430, -5.0498,
33.1129

 5.3820, -2.6533,

11.0660

■ 0.0000, 0.0000,
0.0000

■ 151.8470, -0.9106,
58.8932

■ 151.8470, -0.9106,
58.8932

■ 137.2230, -1.0959,
71.7184

■ 166.4710, -0.7252,
46.0679

■ 122.5990, -1.2813,
84.5437

■ 181.0950, -0.5398,
33.2427

■ 107.9750, -1.4667,
97.3689

■ 195.7190, -0.3545,
20.4174

■ 93.3510, -1.6520,
110.1942

■ 210.3430, -0.1691,
7.5922

■ 79.3140, -2.1268,
122.5046

■ 224.9670, 0.0163,
-5.2331

■ 73.3470, -2.1431,
127.7377

■ 239.0040, 0.4910,
-17.5435

■ 244.2360, 5.3067,
-22.1320

Harmonies

Analogous

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



153.5960, 16.4682, 38.0653



151.8470, -0.9106, 58.8932



149.9770, -18.2297, 60.5332

Triad

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



151.8470, -0.9106, 58.8932



142.4480, -29.8009, -8.2859



120.1910, 46.7408, -105.4075

Complementary

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



151.8470, -0.9106, 58.8932



185.1530, 0.9106, -58.8932

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.



119.9340, 33.0635, -105.1821



151.8470, -0.9106, 58.8932



135.5110, -12.0839, -44.2981

Square

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



151.8470, -0.9106, 58.8932



146.5120, -36.7344, 22.3530



116.1890, 16.1758, -101.8978



141.1750, 41.3257, -48.3885

Rectangle

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



151.8470, -0.9106, 58.8932



148.7020, -27.9541, 52.8813



116.1890, 16.1758, -101.8978



120.4530, 42.6677, -105.6373

Sweetspot

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



151.8470, -0.9106, 58.8932



231.1320, -0.0651, 20.9322



149.5470, 34.2403, 31.0923



113.3760, -0.1854, 12.8252



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.



151.8470, -0.9106, 58.8932



161.8760, -1.4179, 81.6697



158.1780, -19.8078, 53.3409



102.6310, -0.3111, 6.4626



57.9970, -1.4775, 100.8576



15.4640, -0.2288, 26.7801

Inverse Universe

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



151.8470, -0.9106, 58.8932



161.8760, -1.4179, 81.6697



178.8220, 19.8078, -53.3409



102.6310, -0.3111, 6.4626



57.9970, -1.4775, 100.8576



15.4640, -0.2288, 26.7801

Previews

White Background



This preview shows how the YUV color 151.8470, -0.9106, 58.8932 looks on a white background.

Color Contrast Check

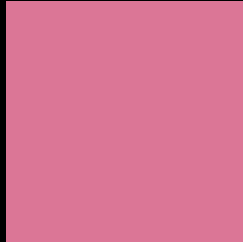
Large Text (above 18pt) WCAG AA × Fail

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 151.8470, -0.9106, 58.8932 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

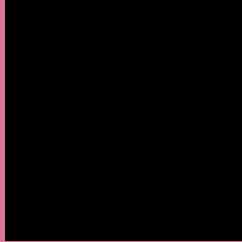
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 151.8470, -0.9106, 58.8932

Background



This preview shows how black text looks on a background with the YUV color 151.8470, -0.9106, 58.8932.



This preview shows how white text looks on a background with the YUV color 151.8470, -0.9106,

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

151.8470, -0.9106, 58.8932

Protanopia

150.5680, 8.5940, -3.1291

Deuteranopia

151.2790, -3.0955, 12.9103



Tritanopia

151.3170, -10.5093, 57.6040

Trichromacy



Original Color

151.8470, -0.9106, 58.8932

Protanomaly

151.0870, 4.8871, 19.2177

Deuteranomaly

151.3180, -2.1288, 29.5391

Tritanomaly

151.8270, -7.3097, 58.0337

Monochromacy



Original Color

151.8470, -0.9106, 58.8932

Achromatopsia

152.0000, 0.0000, 0.0000

Achromatomaly

152.0180, -0.5019, 21.0322

CSS Examples

Text

The CSS property to change the color of the text to YUV 151.8470, -0.9106, 58.8932 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(219, 118, 150)` looks like.

```
.text, #text, p{  
    color:rgb(219, 118, 150)  
}
```

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(219, 118, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 118, 150) }
```

Border

The CSS property to change the border of an element to YUV 151.8470, -0.9106, 58.8932 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(219, 118, 150) }
```


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

```
.border{ border-color:rgb(219, 118, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 118, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 118, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 118, 150);  
box-shadow:4px 4px 4px 4px rgb(219, 118,  
150) }
```

Background

The CSS property to change the background color of an element to YUV 151.8470, -0.9106, 58.8932 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 118, 150) }
```

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

```
.background{ background-color: rgb(219,  
118, 150) }
```

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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