

Converting Colors

YUV(163.5190, 3.1951, 48.6568)

Have a look what the booklet for
YUV(163.5190, 3.1951, 48.6568)
contains.

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Color

**YUV(163.5190, 3.1951,
48.6568)**

Conversions

Conversions Part 1

Format	Color
Hex	DB86AA
RGB	219, 134, 170
RGB Percent	86%, 53%, 67%
CMY	0.1412, 0.4745, 0.3333
CMYK	0.00, 0.39, 0.22, 0.14
HSL	335°, 54%, 69%
HSV	335°, 39%, 86%
XYZ	44.9942, 35.0125, 42.4169
YIQ	163.5190, 39.1040, 29.2160

Conversions

Conversions Part 2

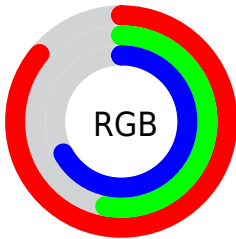
Format	Color
R _{YB}	219, 134, 170
Decimal	14386858
CIE Lab	65.76, 37.27, -5.11
CIE LCh	66, 37.622, 352.201
Yxy	35.0125, 0.3675, 0.2860
Android (android.graphics.Color)	4292576938 (0xFFDB86AA)
YUV	163.5190, 3.1951, 48.6568
Hunter-Lab	59.1714, 32.1823, -1.0819

Details

The YUV color **163.5190, 3.1951, 48.6568** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **189.4810, -3.1951, -48.6568**, and the grayscale version is **163.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **212.2510, 6.2853, 37.4909**, and **110.0240, 3.9322, 45.5830** is the 20% darker color. If you saturate the color by 10%, you get **149.1230, 3.8834, 61.2821**, and if you desaturate by 10%, it is **177.9150, 2.5069, 36.0315**.

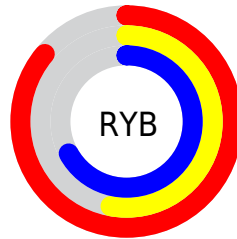
Distribution



Red (86%)

Green (53%)

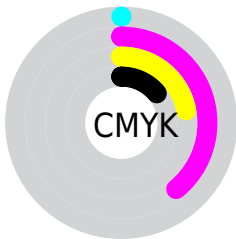
Blue (67%)



Red (86%)

Yellow (53%)

Blue (67%)

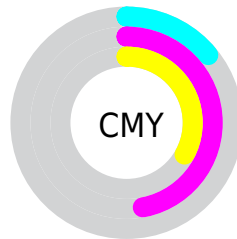


Cyan (0%)

Magenta (39%)

Yellow (22%)

Black (14%)



Cyan (14%)

Magenta (47%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the YUV color 163.5190, 3.1951, 48.6568 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 163.5190, 3.1951, 48.6568 by changing the saturation by 10% instead.

163.5190, 3.1951,
48.6568

163.5190, 3.1951,
48.6568

255.0000, 0.0000,
0.0000

136.6220, 3.6374,
46.8125

212.2510, 6.2853,
37.4909

110.0240, 3.9322,
45.5830

232.5800, 10.5601,
19.6623

84.4260, 4.2270,
44.3534

249.1300, 2.8939,
5.1480

59.0560, 5.3954,
42.9239

31.6370, 7.5740,
44.1684

20.1210, 3.3913,
32.3429

9.9810, -4.4276,

20.1877

■ 0.0000, 0.0000,
0.0000

■ 163.5190, 3.1951,
48.6568

■ 163.5190, 3.1951,
48.6568

■ 149.1230, 3.8834,
61.2821

■ 177.9150, 2.5069,
36.0315

■ 134.8410, 5.0084,
73.8074

■ 192.1970, 1.3819,
23.5062

■ 120.4450, 5.6966,
86.4327

■ 206.5930, 0.6937,
10.8809

■ 106.1630, 6.8216,
98.9580

■ 220.8750, -0.4314,
-1.6444

■ 92.3540, 7.2205,
111.0685

■ 235.2710, -1.1196,
-14.2697

■ 77.9580, 7.9087,
123.6938

■ 243.2100, 1.3755,
-21.2322

■ 76.0830, 8.3401,
125.3382

■ 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.



164.2740, 18.1059, 26.0697



163.5190, 3.1951, 48.6568



162.0240, -12.8298, 55.2300

Triad

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



163.5190, 3.1951, 48.6568



154.4430, -28.8124, 1.3655



130.7910, 40.0360, -101.5487

Complementary

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



163.5190, 3.1951, 48.6568



189.4810, -3.1951, -48.6568

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.



124.8750, 29.1486, -109.5154



163.5190, 3.1951, 48.6568



149.8720, -16.2059, -28.8287

Square

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



163.5190, 3.1951, 48.6568



158.3970, -32.2407, 27.7158



142.1140, 3.3948, -62.3670



151.0130, 36.9686, -50.8774

Rectangle

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



163.5190, 3.1951, 48.6568



160.8850, -22.1283, 50.9669



142.1140, 3.3948, -62.3670



125.9810, 38.4634, -110.4853

Sweetspot

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



163.5190, 3.1951, 48.6568



234.7510, 1.1088, 17.7584



158.0420, 30.0523, 21.0112



116.1800, 0.4043, 10.3661



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.



163.5190, 3.1951, 48.6568



176.6940, 4.5879, 68.6744



162.9370, -14.2659, 49.1673



102.7450, 0.1257, 6.3626



60.0490, 6.3848, 99.0580



15.9200, 1.5184, 26.3802

Inverse Universe

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



163.5190, 3.1951, 48.6568



176.6940, 4.5879, 68.6744



190.0630, 14.2659, -49.1673



102.7450, 0.1257, 6.3626



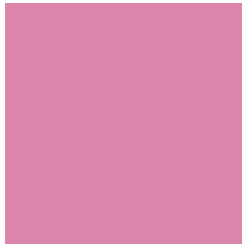
60.0490, 6.3848, 99.0580



15.9200, 1.5184, 26.3802

Previews

White Background



This preview shows how the YUV color 163.5190, 3.1951, 48.6568 looks on a white background.

Color Contrast Check

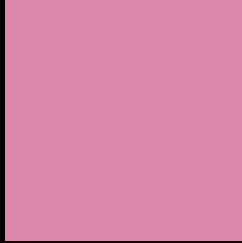
Large Text (above 18pt) WCAG AA × Fail

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 163.5190, 3.1951, 48.6568 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

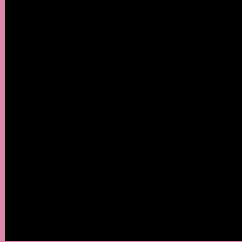
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 163.5190, 3.1951, 48.6568

Background



This preview shows how black text looks on a background with the YUV color 163.5190, 3.1951, 48.6568.



This preview shows how white text looks on a background with the YUV color 163.5190, 3.1951,

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

163.5190, 3.1951, 48.6568

Protanopia

160.8820, 12.3832, -5.1585

Deuteranopia

161.6360, 2.1515, 9.9662



Tritanopia

162.7610, -7.2772, 47.5676

Trichromacy



Original Color

163.5190, 3.1951, 48.6568

Protanomaly

161.7920, 8.9765, 14.2144

Deuteranomaly

162.1370, 2.3975, 24.4359

Tritanomaly

163.3850, -3.6408, 47.8974

Monochromacy



Original Color

163.5190, 3.1951, 48.6568

Achromatopsia

164.0000, 0.0000, 0.0000

Achromatomaly

163.7510, 1.1088, 17.7584

CSS Examples

Text

The CSS property to change the color of the text to YUV 163.5190, 3.1951, 48.6568 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, 134, 170)` looks like.

```
.text, #text, p{  
    color:rgb(219, 134, 170)  
}
```

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, 134, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 134, 170) }
```

Border

The CSS property to change the border of an element to YUV 163.5190, 3.1951, 48.6568 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, 134, 170) }
```


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

```
.border{ border-color:rgb(219, 134, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 134, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 134, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 134, 170);  
box-shadow:4px 4px 4px 4px rgb(219, 134,  
170) }
```

Background

The CSS property to change the background color of an element to YUV 163.5190, 3.1951, 48.6568 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 134, 170) }
```

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

```
.background{ background-color: rgb(219,  
134, 170) }
```

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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