

Converting Colors

YUV(133.6500, 1.1586, 48.5420)

Have a look what the booklet for
YUV(133.6500, 1.1586, 48.5420)
contains.

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Color

**YUV(133.6500, 1.1586,
48.5420)**

Conversions

Conversions Part 1

Format	Color
Hex	BD6988
RGB	189, 105, 136
RGB Percent	74%, 41%, 53%
CMY	0.2588, 0.5882, 0.4667
CMYK	0.00, 0.44, 0.28, 0.26
HSL	338°, 39%, 58%
HSV	338°, 44%, 74%
XYZ	30.4818, 22.6995, 26.0674
YIQ	133.6500, 40.1130, 27.4490

Conversions

Conversions Part 2

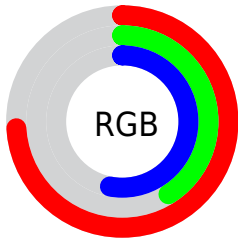
Format	Color
R_{YB}	189, 105, 136
Decimal	12413320
CIE _{Lab}	54.76, 37.24, -2.18
CIE _{LCh}	55, 37.303, 356.643
Yxy	22.6995, 0.3846, 0.2864
Android (android.graphics.Color)	4290603400 (0xFFBD6988)
YUV	133.6500, 1.1586, 48.5420
Hunter-Lab	47.6440, 30.8239, 0.9115

Details

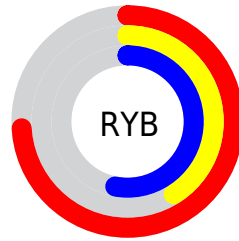
The YUV color **133.6500, 1.1586, 48.5420** is a dark color, and the websafe version is hex **CC6699**. A complement of this color would be **160.3500, -1.1585, -48.5419**, and the grayscale version is **134.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **188.1450, 0.4215, 51.6158**, and **81.8560, 2.0430, 44.8533** is the 20% darker color. If you saturate the color by 10%, you get **121.1290, 1.4154, 59.5229**, and if you desaturate by 10%, it is **146.1710, 0.9017, 37.5610**.

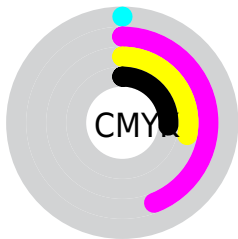
Distribution



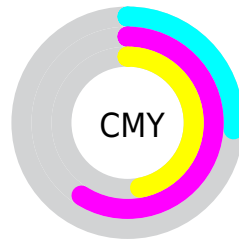
- Red (74%)
- Green (41%)
- Blue (53%)



- Red (74%)
- Yellow (41%)
- Blue (53%)



- Cyan (0%)
- Magenta (44%)
- Yellow (28%)
- Black (26%)



- Cyan (26%)
- Magenta (59%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the YUV color 133.6500, 1.1586, 48.5420 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 133.6500, 1.1586, 48.5420 by changing the saturation by 10% instead.

 133.6500, 1.1586,
48.5420


 133.6500, 1.1586,
48.5420

255.0000, 0.0000,
0.0000

 107.7530, 1.6008,
46.6976


 188.1450, 0.4215,
51.6158

 81.8560, 2.0430,
44.8533

 209.5780, 3.6590,
39.8351


 55.8990, 3.5008,
43.9386

 229.7930, 7.4971,
22.1065

 28.5940, 6.1162,
45.0831

 247.3690, 3.7621,
6.6924

 18.8390, 1.0654,
31.7132

 8.4860, -3.6906,
17.1138

 0.0000, 0.0000,

0.0000

■ 133.6500, 1.1586,
48.5420

■ 133.6500, 1.1586,
48.5420

■ 121.1290, 1.4154,
59.5229

■ 146.1710, 0.9017,
37.5610

■ 108.6080, 1.6723,
70.5038

■ 158.6920, 0.6448,
26.5801

■ 96.0870, 1.9291,
81.4847

■ 171.2130, 0.3880,
15.5992

■ 83.5660, 2.1860,
92.4656

■ 183.7340, 0.1311,
4.6183

■ 71.0450, 2.4428,
103.4465

■ 196.2550, -0.1257,
-6.3626

■ 64.4910, 2.7159,
109.1944

■ 208.1890, -0.0932,
-16.8288

■ 220.5960, -0.7868,
-27.7097

■ 232.5300, -0.7543,
-38.1758

■ 233.8980, 4.4873,
-39.3755

Harmonies

Analogous

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



135.0140, 15.7691, 28.9287



133.6500, 1.1586, 48.5420



132.0730, -13.8400, 52.5560

Triad

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



133.6500, 1.1586, 48.5420



125.6920, -26.4702, -3.2379



104.9170, 38.9879, -92.0122

Complementary

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



133.6500, 1.1586, 48.5420



160.3500, -1.1585, -48.5419

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.



104.4150, 26.9104, -91.5720



133.6500, 1.1586, 48.5420



120.0610, -12.8481, -32.5025

Square

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



133.6500, 1.1586, 48.5420



128.5920, -31.3509, 22.2828



107.5190, 9.1111, -75.8772



122.4050, 35.7893, -45.9592

Rectangle

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



133.6500, 1.1586, 48.5420



131.3360, -22.8436, 47.0633



107.5190, 9.1111, -75.8772



105.2930, 35.3516, -92.3420

Sweetspot

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



133.6500, 1.1586, 48.5420



223.9360, 0.5246, 18.4731



130.1240, 29.0259, 23.5703



109.4790, 0.2569, 10.9809



250.0000, 0.0000, 0.0000



122.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



133.6500, 1.1586, 48.5420



159.3420, 1.8034, 75.1221



135.9860, -15.2761, 46.4933



88.0330, -0.0163, 5.2331



53.8540, 2.0440, 91.3360



10.5230, 0.2352, 17.9583

Inverse Universe

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



133.6500, 1.1586, 48.5420



159.3420, 1.8034, 75.1221



158.0140, 15.2761, -46.4933



88.0330, -0.0163, 5.2331



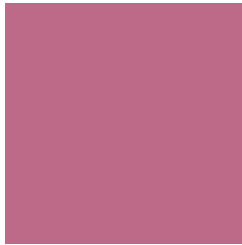
53.8540, 2.0440, 91.3360



10.5230, 0.2352, 17.9583

Previews

White Background



This preview shows how the YUV color 133.6500, 1.1586, 48.5420 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 133.6500, 1.1586, 48.5420 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

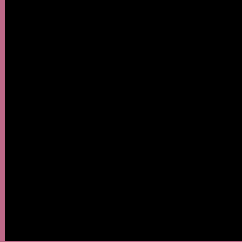
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 133.6500, 1.1586, 48.5420

Background



This preview shows how black text looks on a background with the YUV color 133.6500, 1.1586, 48.5420.



This preview shows how white text looks on a background with the YUV color 133.6500, 1.1586,

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

133.6500, 1.1586, 48.5420

Protanopia

131.9100, 9.9044, -3.4291

Deuteranopia

132.6530, -0.3219, 9.9513



Tritanopia

133.2340, -8.0034, 47.1528

Trichromacy



Original Color

133.6500, 1.1586, 48.5420

Protanomaly

132.5210, 6.6451, 15.3291

Deuteranomaly

132.8550, 0.0715, 23.8062

Tritanomaly

133.7440, -4.8038, 47.5825

Monochromacy



Original Color

133.6500, 1.1586, 48.5420

Achromatopsia

134.0000, 0.0000, 0.0000

Achromatomaly

133.6370, 0.6720, 17.8584

CSS Examples

Text

The CSS property to change the color of the text to YUV 133.6500, 1.1586, 48.5420 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(189, 105, 136)` looks like.

```
.text, #text, p{  
    color:rgb(189, 105, 136)  
}
```

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(189, 105, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 105, 136) }
```

Border

The CSS property to change the border of an element to YUV 133.6500, 1.1586, 48.5420 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(189, 105, 136) }
```


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

```
.border{ border-color:rgb(189, 105, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 105, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 105, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 105, 136);  
box-shadow:4px 4px 4px 4px rgb(189, 105,  
136) }
```

Background

The CSS property to change the background color of an element to YUV 133.6500, 1.1586, 48.5420 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 105, 136) }
```

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

```
.background{ background-color: rgb(189,  
105, 136) }
```

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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