

Converting Colors

YUV(133.6580, -7.7194,
49.4119)

Have a look what the booklet for
YUV(133.6580, -7.7194, 49.4119)
contains.

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Color

**YUV(133.6580, -7.7194,
49.4119)**

Conversions

Conversions Part 1

Format	Color
Hex	BE6C76
RGB	190, 108, 118
RGB Percent	75%, 42%, 46%
CMY	0.2549, 0.5765, 0.5373
CMYK	0.00, 0.43, 0.38, 0.25
HSL	353°, 39%, 58%
HSV	353°, 43%, 75%
XYZ	29.8678, 22.9803, 20.0010
YIQ	133.6580, 45.6620, 20.4940

Conversions

Conversions Part 2

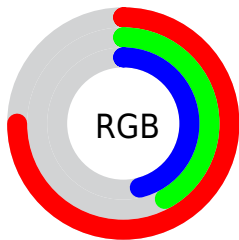
Format	Color
R_{YB}	190, 108, 118
Decimal	12479606
CIE _{Lab}	55.05, 33.67, 8.81
CIE _{LCh}	55, 34.807, 14.665
Yxy	22.9803, 0.4100, 0.3155
Android (android.graphics.Color)	4290669686 (0xFFBE6C76)
YUV	133.6580, -7.7194, 49.4119
Hunter-Lab	47.9378, 27.3240, 8.8190

Details

The YUV color **133.6580, -7.7194, 49.4119** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **164.3420, 7.7194, -49.4119**, and the grayscale version is **134.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **188.0390, -8.8932, 52.5858**, and **82.0920, -5.9614, 45.5233** is the 20% darker color. If you saturate the color by 10%, you get **120.5670, -9.6465, 60.8927**, and if you desaturate by 10%, it is **146.7490, -5.7923, 37.9311**.

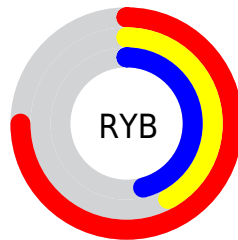
Distribution



Red (75%)

Green (42%)

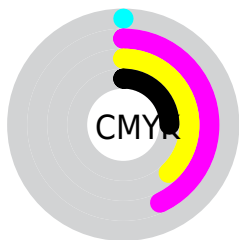
Blue (46%)



Red (75%)

Yellow (42%)

Blue (46%)

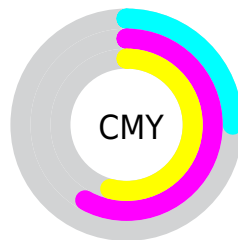


Cyan (0%)

Magenta (43%)

Yellow (38%)

Black (25%)



Cyan (25%)

Magenta (58%)

Yellow (54%)

Brightness & Saturation Gradients


These gradients show how the YUV color 133.6580, -7.7194, 49.4119 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 133.6580, -7.7194, 49.4119 by changing the saturation by 10% instead.


 133.6580, -7.7194,
49.4119

 133.6580, -7.7194,
49.4119


255.0000, 0.0000,
0.0000


 107.7610, -7.2772,
47.5676


 188.0390, -8.8932,
52.5858


 82.0920, -5.9614,
45.5233


 209.0590, -5.9451,
40.2903


 57.4230, -4.6455,
43.4790

 228.6870, -1.8177,
23.0765

 30.5200, -1.7354,
43.3940

 249.0160, 2.4571,
5.2480

 16.4450, -8.1074,
33.8127

 7.5890, -3.2484,
15.2694

 0.0000, 0.0000,

0.0000

■ 133.6580, -7.7194,
49.4119

■ 133.6580, -7.7194,
49.4119

■ 120.5670, -9.6465,
60.8927

■ 146.7490, -5.7923,
37.9311

■ 107.5900,
-11.1369, 72.2736

■ 159.7260, -4.3019,
26.5503

■ 94.4990, -13.0640,
83.7544

■ 172.8170, -2.3748,
15.0695

■ 81.4080, -14.9911,
95.2352

■ 185.9080, -0.4476,
3.5887

■ 68.4310, -16.4815,
106.6160

■ 198.8850, 1.0427,
-7.7921

■ 59.4320, -17.9610,
114.5081

■ 211.9760, 2.9698,
-19.2730

■ 225.0670, 4.8970,
-30.7538

■ 235.1090, 7.8343,
-39.5606

■ 235.5650, 9.5815,
-39.9605

Harmonies

Analogous

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



135.3760, 6.7166, 39.1352



133.6580, -7.7194, 49.4119



132.3080, -20.3648, 45.3339

Triad

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



133.6580, -7.7194, 49.4119



124.1830, -17.8382, -18.5775



118.6870, 34.6643, -58.4845

Complementary

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



133.6580, -7.7194, 49.4119



164.3420, 7.7194, -49.4119

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.



104.8370, 33.6044, -91.9420



133.6580, -7.7194, 49.4119



117.9370, -1.4479, -49.0567

Square

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



133.6580, -7.7194, 49.4119



128.1170, -27.6657, 6.9134



103.5200, 20.9426, -90.7870



131.1590, 29.0086, -17.6794

Rectangle

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



133.6580, -7.7194, 49.4119



131.3470, -26.3001, 35.6527



103.5200, 20.9426, -90.7870



111.4350, 36.7605, -77.5575

Sweetspot

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



133.6580, -7.7194, 49.4119



225.0240, -2.9698, 19.2730



138.5770, 25.3515, 35.4510



111.2080, -2.0745, 12.0956



252.0000, 0.0000, 0.0000



125.0000, 0.0000, 0.0000

Same Dimension

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



133.6580, -7.7194, 49.4119



158.9820, -12.3161, 77.1918



150.1280, -20.7691, 34.9677



87.8050, -0.8899, 5.4330



49.4080, -14.9911, 95.2352



9.7250, -2.8224, 18.6582

Inverse Universe

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



133.6580, -7.7194, 49.4119



158.9820, -12.3161, 77.1918



147.8720, 20.7691, -34.9677



87.8050, -0.8899, 5.4330



49.4080, -14.9911, 95.2352



9.7250, -2.8224, 18.6582

Previews

White Background



This preview shows how the YUV color 133.6580, -7.7194, 49.4119 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 133.6580, -7.7194, 49.4119 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 133.6580, -7.7194, 49.4119

Background



This preview shows how black text looks on a background with the YUV color 133.6580, -7.7194, 49.4119.



This preview shows how white text looks on a background with the YUV color 133.6580, -7.7194,

49.4119.

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

133.6580, -7.7194, 49.4119

Protanopia

132.7830, -0.8790, 1.9443

Deuteranopia

132.8080, -8.7793, 15.9544



Tritanopia

133.4300, -8.5930, 49.6119

Trichromacy



Original Color

133.6580, -7.7194, 49.4119

Protanomaly

132.9100, -3.4066, 19.3729

Deuteranomaly

132.9990, -8.3805, 28.0649

Tritanomaly

133.5440, -8.1562, 49.5119

Monochromacy



Original Color

133.6580, -7.7194, 49.4119

Achromatopsia

134.0000, 0.0000, 0.0000

Achromatomaly

134.0130, -2.9644, 17.5286

CSS Examples

Text

The CSS property to change the color of the text to YUV 133.6580, -7.7194, 49.4119 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(190, 108, 118)` looks like.

```
.text, #text, p{  
    color:rgb(190, 108, 118)  
}
```

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(190, 108, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 108, 118) }
```

Border

The CSS property to change the border of an element to YUV 133.6580, -7.7194, 49.4119 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(190, 108, 118) }
```


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

```
.border{ border-color:rgb(190, 108, 118) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 108, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 108, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 108, 118);  
box-shadow:4px 4px 4px 4px rgb(190, 108,  
118) }
```

Background

The CSS property to change the background color of an element to YUV 133.6580, -7.7194, 49.4119 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 108, 118) }
```

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

```
.background{ background-color: rgb(190,  
108, 118) }
```

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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