

Converting Colors

YUV(131.5330, -8.1508,
47.7676)

Have a look what the booklet for
YUV(131.5330, -8.1508, 47.7676)
contains.

YUV(131.5330, -8.1508, 47.7676)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(131.5330, -8.1508,
47.7676)**

Conversions

Conversions Part 1

Format	Color
Hex	BA6B73
RGB	186, 107, 115
RGB Percent	73%, 42%, 45%
CMY	0.2706, 0.5804, 0.5490
CMYK	0.00, 0.42, 0.38, 0.27
HSL	354°, 36%, 57%
HSV	354°, 42%, 73%
XYZ	28.6019, 22.1923, 18.9957
YIQ	131.5330, 44.5160, 19.2360

Conversions

Conversions Part 2

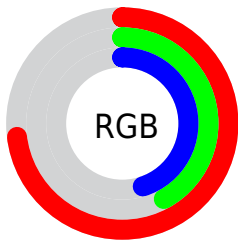
Format	Color
R_{YB}	186, 107, 115
Decimal	12217203
CIE _{Lab}	54.23, 32.34, 9.33
CIE _{LCh}	54, 33.662, 16.097
Yxy	22.1923, 0.4098, 0.3180
Android (android.graphics.Color)	4290407283 (0xFFBA6B73)
YUV	131.5330, -8.1508, 47.7676
Hunter-Lab	47.1087, 25.9355, 9.0685

Details

The YUV color **131.5330, -8.1508, 47.7676** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **161.4670, 8.1508, -47.7676**, and the grayscale version is **132.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **185.9140, -9.3246, 50.9414**, and **79.9670, -6.3927, 43.8789** is the 20% darker color. If you saturate the color by 10%, you get **118.4420, -10.0779, 59.2484**, and if you desaturate by 10%, it is **144.6240, -6.2236, 36.2868**.

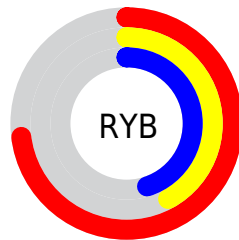
Distribution



Red (73%)

Green (42%)

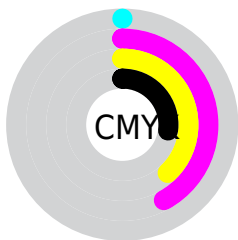
Blue (45%)



Red (73%)

Yellow (42%)

Blue (45%)

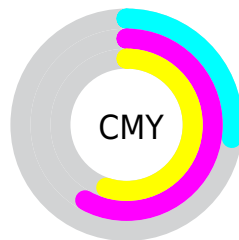


Cyan (0%)

Magenta (42%)

Yellow (38%)

Black (27%)



Cyan (27%)


Magenta (58%)


Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the YUV color 131.5330, -8.1508, 47.7676 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 131.5330, -8.1508, 47.7676 by changing the saturation by 10% instead.


 131.5330, -8.1508,
47.7676


 131.5330, -8.1508,
47.7676


255.0000, 0.0000,
0.0000


 105.7500, -7.2717,
45.8233


 185.9140, -9.3246,
50.9414

 79.9670, -6.3927,
43.8789


 208.1300, -6.9661,
41.1050


 55.2980, -5.0769,
41.8347

 227.7580, -2.8387,
23.8912

 29.3950, -2.1667,
41.7496

 247.9730, 0.9993,
6.1627

 15.5480, -7.6652,
31.9684

 5.3820, -2.6533,
11.0660

 0.0000, 0.0000,

0.0000

■ 131.5330, -8.1508,
47.7676

■ 131.5330, -8.1508,
47.7676

■ 118.4420,
-10.0779, 59.2484

■ 144.6240, -6.2236,
36.2868

■ 106.0520,
-11.8576, 70.1144

■ 157.0140, -4.4439,
25.4207

■ 92.9610, -13.7848,
81.5952

■ 170.1050, -2.5168,
13.9399

■ 80.4570, -16.0013,
92.5612

■ 182.6090, -0.3002,
2.9739

■ 67.3660, -17.9284,
104.0420

■ 195.7000, 1.6269,
-8.5069

■ 57.7800, -19.1185,
112.4489

■ 208.6770, 3.1172,
-19.8877

■ 221.1810, 5.3338,
-30.8537

■ 233.6850, 7.5503,
-41.8197

■ 234.3690, 10.1711,
-42.4196

Harmonies

Analogous

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



132.7350, 5.5536, 38.8204



131.5330, -8.1508, 47.7676



129.9980, -20.2120, 42.9748

Triad

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



131.5330, -8.1508, 47.7676



122.1120, -16.8172, -19.3922



118.9650, 33.0483, -53.4663

Complementary

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



131.5330, -8.1508, 47.7676



161.4670, 8.1508, -47.7676

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.



103.4350, 33.3095, -90.7125



131.5330, -8.1508, 47.7676



115.8770, -0.4324, -48.1271

Square

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



131.5330, -8.1508, 47.7676



126.1600, -26.2079, 5.9987



101.6450, 21.3740, -89.1427



129.1270, 27.5454, -15.0204

Rectangle

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



131.5330, -8.1508, 47.7676



129.4500, -25.8578, 33.8084



101.6450, 21.3740, -89.1427



112.8060, 34.1126, -68.2359

Sweetspot

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



131.5330, -8.1508, 47.7676



220.6110, -3.2592, 18.7582



136.9360, 24.1886, 35.1361



108.9090, -1.9271, 11.4808



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.



131.5330, -8.1508, 47.7676



157.1450, -12.8895, 74.4178



148.2310, -20.3269, 33.1234



85.8050, -0.8899, 5.4330



48.4680, -16.0067, 94.3056



8.7140, -2.8170, 16.9138

Inverse Universe

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



131.5330, -8.1508, 47.7676



157.1450, -12.8895, 74.4178



144.7690, 20.3269, -33.1234



85.8050, -0.8899, 5.4330



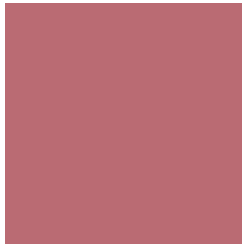
48.4680, -16.0067, 94.3056



8.7140, -2.8170, 16.9138

Previews

White Background



This preview shows how the YUV color 131.5330, -8.1508, 47.7676 looks on a white background.

Color Contrast Check

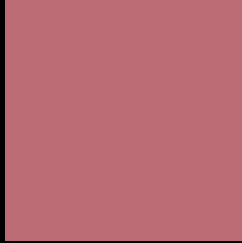
Large Text (above 18pt) WCAG AA ✓ Pass

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 131.5330, -8.1508, 47.7676 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

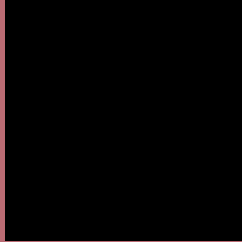
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 131.5330, -8.1508, 47.7676

Background



This preview shows how black text looks on a background with the YUV color 131.5330, -8.1508, 47.7676.



This preview shows how white text looks on a background with the YUV color 131.5330, -8.1508,

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

131.5330, -8.1508, 47.7676

Protanopia

130.5550, -1.7526, 2.1443

Deuteranopia

130.6940, -9.2161, 16.0544



Tritanopia

131.5330, -8.1508, 47.7676

Trichromacy



Original Color

131.5330, -8.1508, 47.7676

Protanomaly

131.0840, -3.9854, 18.3433

Deuteranomaly

130.5860, -8.6699, 27.5501

Tritanomaly

131.5330, -8.1508, 47.7676

Monochromacy



Original Color

131.5330, -8.1508, 47.7676

Achromatopsia

132.0000, 0.0000, 0.0000

Achromatomaly

132.0130, -2.9644, 17.5286

CSS Examples

Text

The CSS property to change the color of the text to YUV 131.5330, -8.1508, 47.7676 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(186, 107, 115)` looks like.

```
.text, #text, p{  
    color:rgb(186, 107, 115)  
}
```

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(186, 107, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 107, 115) }
```

Border

The CSS property to change the border of an element to YUV 131.5330, -8.1508, 47.7676 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(186, 107, 115) }
```


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

```
.border{ border-color:rgb(186, 107, 115) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 107, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 107, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 107, 115);  
box-shadow:4px 4px 4px 4px rgb(186, 107,  
115) }
```

Background

The CSS property to change the background color of an element to YUV 131.5330, -8.1508, 47.7676 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 107, 115) }
```

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

```
.background{ background-color: rgb(186,  
107, 115) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor