

Converting Colors

YUV(132.5960, -0.2938,
47.7123)

Have a look what the booklet for
YUV(132.5960, -0.2938, 47.7123)
contains.

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Color

**YUV(132.5960, -0.2938,
47.7123)**

Conversions

Conversions Part 1

Format	Color
Hex	BB6984
RGB	187, 105, 132
RGB Percent	73%, 41%, 52%
CMY	0.2667, 0.5882, 0.4824
CMYK	0.00, 0.44, 0.29, 0.27
HSL	340°, 38%, 57%
HSV	340°, 44%, 73%
XYZ	29.7099, 22.3339, 24.5748
YIQ	132.5960, 40.2050, 25.7810

Conversions

Conversions Part 2

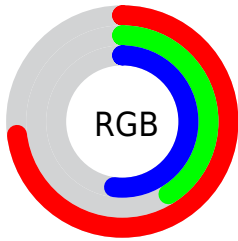
Format	Color
R_{YB}	187, 105, 132
Decimal	12282244
CIE _{Lab}	54.38, 35.97, -0.43
CIE _{LCh}	54, 35.974, 359.322
Yxy	22.3339, 0.3878, 0.2915
Android (android.graphics.Color)	4290472324 (0xFFBB6984)
YUV	132.5960, -0.2938, 47.7123
Hunter-Lab	47.2587, 29.5140, 2.2500

Details

The YUV color **132.5960, -0.2938, 47.7123** is a dark color, and the websafe version is hex **CC6699**. A complement of this color would be **159.4040, 0.2938, -47.7123**, and the grayscale version is **133.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **187.0910, -1.0309, 50.7862**, and **80.9160, 1.0274, 43.9237** is the 20% darker color. If you saturate the color by 10%, you get **119.9610, -0.4738, 58.7932**, and if you desaturate by 10%, it is **145.2310, -0.1139, 36.6314**.

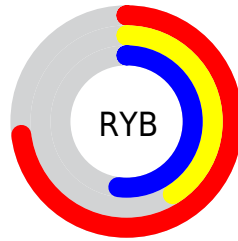
Distribution



Red (73%)

Green (41%)

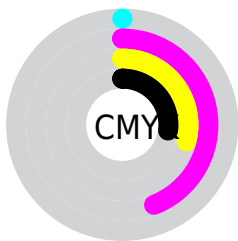
Blue (52%)



Red (73%)

Yellow (41%)

Blue (52%)

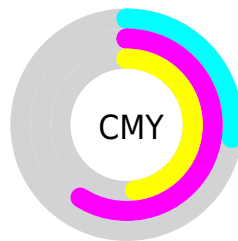


Cyan (0%)

Magenta (44%)

Yellow (29%)

Black (27%)



Cyan (27%)

Magenta (59%)

Yellow (48%)

Brightness & Saturation Gradients


These gradients show how the YUV color 132.5960, -0.2938, 47.7123 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 132.5960, -0.2938, 47.7123 by changing the saturation by 10% instead.


 132.5960, -0.2938,
47.7123


 132.5960, -0.2938,
47.7123

255.0000, 0.0000,
0.0000

 106.6990, 0.1484,
45.8680


 187.0910, -1.0309,
50.7862

 80.9160, 1.0274,
43.9237


 209.1220, 1.9119,
40.2350

 55.8450, 2.0484,
43.1089

 228.7500, 6.0393,
23.0213

 28.2410, 4.8112,
43.6386

 247.3690, 3.7621,
6.6924

 18.0840, -0.5344,
31.4983

 7.2900, -3.1010,
14.6547

 0.0000, 0.0000,

0.0000

■ 132.5960, -0.2938,
47.7123

■ 132.5960, -0.2938,
47.7123

■ 119.9610, -0.4738,
58.7932

■ 145.2310, -0.1139,
36.6314

■ 108.0270, -0.5063,
69.2593

■ 157.1650, -0.0813,
26.1653

■ 95.3920, -0.6863,
80.3402

■ 169.8000, 0.0986,
15.0844

■ 82.8710, -0.4294,
91.3211

■ 182.3210, -0.1583,
4.1035

■ 70.8230, -0.8987,
101.8872

■ 194.9560, 0.0217,
-6.9774

■ 62.9810, -0.4836,
108.7647

■ 206.8900, 0.0542,
-17.4435

■ 219.5250, 0.2342,
-28.5244

■ 232.0460, -0.0227,
-39.5053

■ 233.5280, 5.6557,
-40.8051

Harmonies

Analogous

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



133.8570, 13.8745, 29.9434



132.5960, -0.2938, 47.7123



131.1220, -14.8501, 49.8820

Triad

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



132.5960, -0.2938, 47.7123



124.1370, -24.7175, -5.3821



103.6290, 39.1299, -90.8826

Complementary

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



132.5960, -0.2938, 47.7123



159.4040, 0.2938, -47.7123

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.



103.8280, 27.1998, -91.0572



132.5960, -0.2938, 47.7123



118.9190, -10.8061, -34.1320

Square

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



132.5960, -0.2938, 47.7123



127.6240, -29.8876, 19.6238



106.8720, 10.4161, -74.4327



123.5800, 33.7311, -39.0967

Rectangle

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



132.5960, -0.2938, 47.7123



130.0260, -22.6908, 44.7042



106.8720, 10.4161, -74.4327



104.0050, 35.4935, -91.2124

Sweetspot

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



132.5960, -0.2938, 47.7123



221.4090, -0.2016, 18.0583



130.7930, 27.7101, 25.6145



109.3650, -0.1799, 11.0809



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.



132.5960, -0.2938, 47.7123



157.0600, -0.5226, 74.4924



137.7360, -16.1388, 43.2045



88.0330, -0.0163, 5.2331



53.1700, -0.5768, 91.9359



10.4090, -0.2016, 18.0583

Inverse Universe

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



132.5960, -0.2938, 47.7123



157.0600, -0.5226, 74.4924



154.2640, 16.1388, -43.2045



88.0330, -0.0163, 5.2331



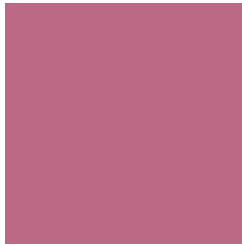
53.1700, -0.5768, 91.9359



10.4090, -0.2016, 18.0583

Previews

White Background



This preview shows how the YUV color 132.5960, -0.2938, 47.7123 looks on a white background.

Color Contrast Check

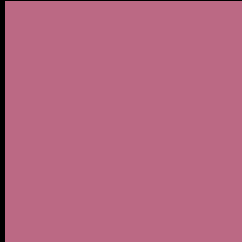
Large Text (above 18pt) WCAG AA ✓ Pass

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 132.5960, -0.2938, 47.7123 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

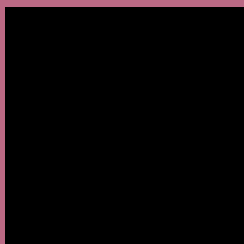
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 132.5960, -0.2938, 47.7123

Background



This preview shows how black text looks on a background with the YUV color 132.5960, -0.2938, 47.7123.



This preview shows how white text looks on a background with the YUV color 132.5960, -0.2938,

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

132.5960, -0.2938, 47.7123

Protanopia

131.3400, 7.7204, -2.9292

Deuteranopia

131.6100, -1.7797, 10.8660



Tritanopia

131.9350, -7.8560, 46.5380

Trichromacy



Original Color

132.5960, -0.2938, 47.7123

Protanomaly

131.7660, 5.0454, 15.1142

Deuteranomaly

131.8120, -1.3863, 24.7209

Tritanomaly

132.3310, -5.0932, 47.0677

Monochromacy



Original Color

132.5960, -0.2938, 47.7123

Achromatopsia

133.0000, 0.0000, 0.0000

Achromatomaly

133.1100, -0.0542, 17.4435

CSS Examples

Text

The CSS property to change the color of the text to YUV 132.5960, -0.2938, 47.7123 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(187, 105, 132)` looks like.

```
.text, #text, p{  
    color:rgb(187, 105, 132)  
}
```

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(187, 105, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 105, 132) }
```

Border

The CSS property to change the border of an element to YUV 132.5960, -0.2938, 47.7123 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(187, 105, 132) }
```


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

```
.border{ border-color:rgb(187, 105, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(187, 105, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 105, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 105, 132);  
box-shadow:4px 4px 4px 4px rgb(187, 105,  
132) }
```

Background

The CSS property to change the background color of an element to YUV 132.5960, -0.2938, 47.7123 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 105, 132) }
```

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

```
.background{ background-color: rgb(187,  
105, 132) }
```

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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