

Converting Colors

YUV(112.0330, -2.9743,
67.5001)

Have a look what the booklet for
YUV(112.0330, -2.9743, 67.5001)
contains.

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Color

**YUV(112.0330, -2.9743,
67.5001)**

Conversions

Conversions Part 1

Format	Color
Hex	BD4A6A
RGB	189, 74, 106
RGB Percent	74%, 29%, 42%
CMY	0.2588, 0.7098, 0.5843
CMYK	0.00, 0.61, 0.44, 0.26
HSL	343°, 47%, 52%
HSV	343°, 61%, 74%
XYZ	26.0366, 16.7570, 15.4978
YIQ	112.0330, 58.2680, 34.3320

Conversions

Conversions Part 2

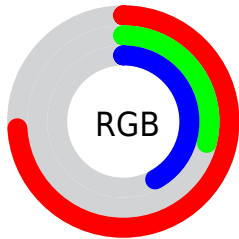
Format	Color
R_{YB}	189, 74, 106
Decimal	12405354
CIE _{Lab}	47.95, 49.07, 5.84
CIE _{LCh}	48, 49.416, 6.786
Yxy	16.7570, 0.4467, 0.2875
Android (android.graphics.Color)	4290595434 (0xFFBD4A6A)
YUV	112.0330, -2.9743, 67.5001
Hunter-Lab	40.9353, 41.8967, 6.2079

Details

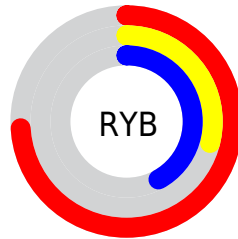
The YUV color **112.0330, -2.9743, 67.5001** is a dark color, and the websafe version is hex **CC3366**. A complement of this color would be **150.9670, 2.9743, -67.5001**, and the grayscale version is **112.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **167.4850, -5.1691, 71.4887**, and **53.5260, 2.6987, 67.9447** is the 20% darker color. If you saturate the color by 10%, you get **99.2840, -3.5910, 78.6809**, and if you desaturate by 10%, it is **124.7820, -2.3575, 56.3192**.

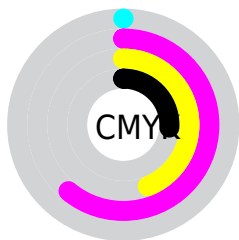
Distribution



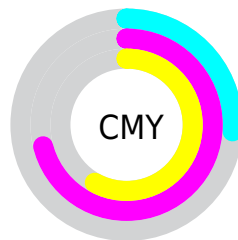
- Red (74%)
- Green (29%)
- Blue (42%)



- Red (74%)
- Yellow (29%)
- Blue (42%)



- Cyan (0%)
- Magenta (61%)
- Yellow (44%)
- Black (26%)



- Cyan (26%)
- Magenta (71%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the YUV color 112.0330, -2.9743, 67.5001 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 112.0330, -2.9743, 67.5001 by changing the saturation by 10% instead.

■ 112.0330, -2.9743,
67.5001

■ 112.0330, -2.9743,
67.5001

■ 255.0000, 0.0000,
0.0000

■ 84.7770, -1.3691,
65.9706

■ 167.4850, -5.1691,
71.4887

■ 53.5260, 2.6987,
67.9447

■ 188.2060, -2.0736,
58.5783

■ 35.1290, 1.4154,
59.5229

■ 207.8340, 2.0538,
41.3646

■ 24.3630, -3.6300,
44.4086

■ 228.0490, 5.8918,
23.6360

■ 15.1780, -6.4968,
30.5389

■ 246.7820, 4.0515,
7.2072

■ 0.0000, 0.0000,
0.0000

■ 112.0330, -2.9743,
67.5001

■ 112.0330, -2.9743,
67.5001

■ 99.2840, -3.5910,
78.6809

■ 124.7820, -2.3575,
56.3192

■ 86.6490, -3.7710,
89.7618

■ 137.4170, -2.1776,
45.2383

■ 73.9000, -4.3877,
100.9427

■ 150.1660, -1.5608,
34.0574

■ 62.5530, -4.7096,
110.8940

■ 162.9150, -0.9441,
22.8765

■ 175.5500, -0.7642,
11.7956

■ 187.7120, 0.1420,
1.1296

■ 200.3470, 0.3219,
-9.9513

■ 213.0960, 0.9387,

-21.1322

■ 225.8450, 1.5554,
-32.3131

Harmonies

Analogous

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



115.5480, 15.9988, 48.6314



112.0330, -2.9743, 67.5001



111.2610, -22.3137, 63.7921

Triad

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



112.0330, -2.9743, 67.5001



102.9800, -30.0631, -17.5225



96.2090, 46.2390, -84.3753

Complementary

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



112.0330, -2.9743, 67.5001



150.9670, 2.9743, -67.5001

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.



96.6530, 32.7091, -84.7647



112.0330, -2.9743, 67.5001



85.9030, -3.4032, -75.3369

Square

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



112.0330, -2.9743, 67.5001



107.7580, -43.2647, 16.8752



92.5660, 14.5110, -81.1804



100.7270, 47.4626, -56.7656

Rectangle

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



112.0330, -2.9743, 67.5001



110.9100, -33.4796, 51.8219



92.5660, 14.5110, -81.1804



96.5850, 42.6026, -84.7050

Sweetspot

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



112.0330, -2.9743, 67.5001



215.5240, -1.2443, 25.8505



111.6280, 38.1444, 38.9142



103.9850, -0.4856, 15.7992



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.



112.0330, -2.9743, 67.5001



125.2210, -4.5460, 105.0462



123.0600, -24.1866, 57.8294



88.0330, -0.0163, 5.2331



52.2580, -4.0712, 92.7357



10.2950, -0.6384, 18.1583

Inverse Universe

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



112.0330, -2.9743, 67.5001



125.2210, -4.5460, 105.0462



139.9400, 24.1866, -57.8294



88.0330, -0.0163, 5.2331



52.2580, -4.0712, 92.7357



10.2950, -0.6384, 18.1583

Previews

White Background



This preview shows how the YUV color 112.0330, -2.9743, 67.5001 looks on a white 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

Black Background



This preview shows how the YUV color 112.0330, -2.9743, 67.5001 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

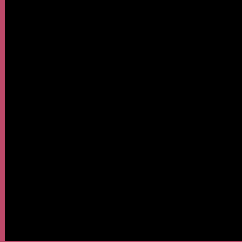
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 112.0330, -2.9743, 67.5001

Background



This preview shows how black text looks on a background with the YUV color 112.0330, -2.9743, 67.5001.

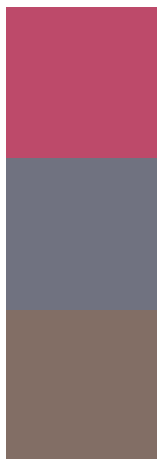


This preview shows how white text looks on a background with the YUV color 112.0330, -2.9743,

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

112.0330, -2.9743, 67.5001

Protanopia

114.9980, 6.4100, -2.6292

Deuteranopia

114.9540, -6.8793, 13.1953



Tritanopia

111.2750, -13.4466, 66.4108

Trichromacy



Original Color

112.0330, -2.9743, 67.5001

Protanomaly

113.6530, 3.1291, 23.1063

Deuteranomaly

113.8300, -5.3392, 32.5981

Tritanomaly

111.8990, -9.8102, 66.7406

Monochromacy



Original Color

112.0330, -2.9743, 67.5001

Achromatopsia

112.0000, 0.0000, 0.0000

Achromatomaly

111.9260, -0.9495, 24.6209

CSS Examples

Text

The CSS property to change the color of the text to YUV 112.0330, -2.9743, 67.5001 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, 74, 106)` looks like.

```
.text, #text, p{  
  color:rgb(189, 74, 106)  
}
```

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, 74, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 74, 106) }
```

Border

The CSS property to change the border of an element to YUV 112.0330, -2.9743, 67.5001 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, 74, 106) }
```


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

```
.border{ border-color:rgb(189, 74, 106) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 74, 106)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 74, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 74, 106);  
box-shadow:4px 4px 4px 4px rgb(189, 74,  
106) }
```

Background

The CSS property to change the background color of an element to YUV 112.0330, -2.9743, 67.5001 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 74, 106) }
```

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

```
.background{ background-color: rgb(189, 74,  
106) }
```

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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