

Converting Colors

YUV(114.2820, -4.0830,
49.7417)

Have a look what the booklet for
YUV(114.2820, -4.0830, 49.7417)
contains.

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Color

**YUV(114.2820, -4.0830,
49.7417)**

Conversions

Conversions Part 1

Format	Color
Hex	AB576A
RGB	171, 87, 106
RGB Percent	67%, 34%, 42%
CMY	0.3294, 0.6588, 0.5843
CMYK	0.00, 0.49, 0.38, 0.33
HSL	346°, 33%, 51%
HSV	346°, 49%, 67%
XYZ	22.8043, 16.5149, 15.6214
YIQ	114.2820, 43.9650, 23.7170

Conversions

Conversions Part 2

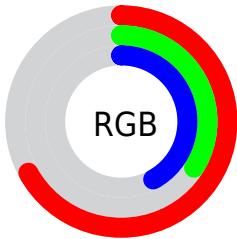
Format	Color
R_{YB}	171, 87, 106
Decimal	11229034
CIE _{Lab}	47.64, 36.37, 5.03
CIE _{LCh}	48, 36.715, 7.872
Yxy	16.5149, 0.4151, 0.3006
Android (android.graphics.Color)	4289419114 (0xFFAB576A)
YUV	114.2820, -4.0830, 49.7417
Hunter-Lab	40.6386, 29.0477, 5.6559

Details

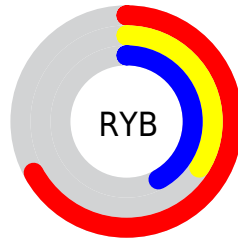
The YUV color **114.2820, -4.0830, 49.7417** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **143.7180, 4.0830, -49.7417**, and the grayscale version is **114.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **167.9620, -5.4043, 53.5303**, and **63.1290, -2.0356, 46.3679** is the 20% darker color. If you saturate the color by 10%, you get **102.8210, -4.8418, 59.7930**, and if you desaturate by 10%, it is **125.7430, -3.3243, 39.6904**.

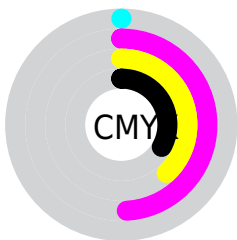
Distribution



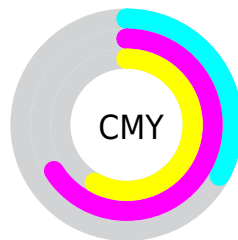
- Red (67%)
- Green (34%)
- Blue (42%)



- Red (67%)
- Yellow (34%)
- Blue (42%)



- Cyan (0%)
- Magenta (49%)
- Yellow (38%)
- Black (33%)



- Cyan (33%)
- Magenta (66%)
- Yellow (58%)

Brightness & Saturation Gradients


These gradients show how the YUV color 114.2820, -4.0830, 49.7417 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 114.2820, -4.0830, 49.7417 by changing the saturation by 10% instead.


 114.2820, -4.0830,
49.7417


 114.2820, -4.0830,
49.7417


255.0000, 0.0000,
0.0000


 88.4990, -3.2040,
47.7974


 167.9620, -5.4043,
53.5303

 63.1290, -2.0356,
46.3679


 194.6630, -5.2569,
52.9155

 36.2260, 0.8746,
46.2828

 214.2910, -1.1295,
35.7018

 20.7750, -1.8611,
37.0313

 233.9190, 2.9979,
18.4880

 11.7750, -5.3121,
23.8763

 252.6520, 1.1576,
2.0592

 0.0000, 0.0000,
0.0000

■ 114.2820, -4.0830,
49.7417

■ 114.2820, -4.0830,
49.7417

■ 102.8210, -4.8418,
59.7930

■ 125.7430, -3.3243,
39.6904

■ 91.3600, -5.6005,
69.8443

■ 137.2040, -2.5656,
29.6391

■ 79.7850, -6.7960,
79.9956

■ 148.7790, -1.3700,
19.4878

■ 68.3240, -7.5547,
90.0469

■ 160.2400, -0.6113,
9.4365

■ 56.2760, -8.0241,
100.6129

■ 171.7010, 0.1474,
-0.6148

■ 55.5750, -8.1715,
101.2277

■ 183.7490, 0.6167,
-11.1809

■ 195.3240, 1.8123,
-21.3321

■ 206.7850, 2.5710,

-31.3834

■ 218.2460, 3.3297,
-41.4347

Harmonies

Analogous

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



116.2770, 10.2164, 36.5911



114.2820, -4.0830, 49.7417



112.7150, -17.6075, 47.6079

Triad

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



114.2820, -4.0830, 49.7417



105.8910, -21.6383, -13.0594



90.9940, 38.9500, -79.8017

Complementary

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



114.2820, -4.0830, 49.7417



143.7180, 4.0830, -49.7417

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.



92.2360, 28.4777, -80.8910



114.2820, -4.0830, 49.7417



98.7480, -4.8058, -45.3830

Square

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



114.2820, -4.0830, 49.7417



109.6940, -29.4291, 12.5464



89.4030, 15.0843, -78.4064



109.4780, 31.8093, -29.3602

Rectangle

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



114.2820, -4.0830, 49.7417



112.0100, -25.1479, 39.4562



89.4030, 15.0843, -78.4064



92.1850, 35.8978, -80.8462

Sweetspot

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



114.2820, -4.0830, 49.7417



199.6650, -1.8068, 19.5878



115.7120, 27.2570, 30.9476



98.5500, -0.7641, 11.7957



240.0000, 0.0000, 0.0000



112.0000, 0.0000, 0.0000

Same Dimension

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



114.2820, -4.0830, 49.7417



133.5890, -6.2064, 77.5364



125.0300, -18.7488, 40.3157



80.9190, -0.4531, 5.3330



48.7260, -7.2599, 88.8173



7.4470, -1.2064, 13.6400

Inverse Universe

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



114.2820, -4.0830, 49.7417



133.5890, -6.2064, 77.5364



132.9700, 18.7488, -40.3157



80.9190, -0.4531, 5.3330



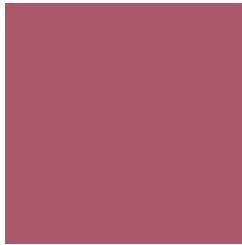
48.7260, -7.2599, 88.8173



7.4470, -1.2064, 13.6400

Previews

White Background



This preview shows how the YUV color 114.2820, -4.0830, 49.7417 looks on a white background.

Color Contrast Check

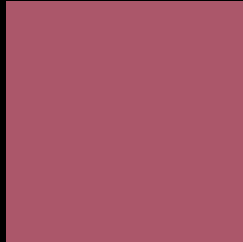
Large Text (above 18pt) WCAG AA ✓ Pass

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 114.2820, -4.0830, 49.7417 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

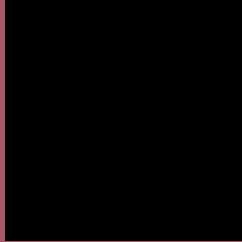
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 114.2820, -4.0830, 49.7417

Background



This preview shows how black text looks on a background with the YUV color 114.2820, -4.0830, 49.7417.



This preview shows how white text looks on a background with the YUV color 114.2820, -4.0830,

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

114.2820, -4.0830, 49.7417

Protanopia

114.2110, 3.3470, -0.1850

Deuteranopia

114.1820, -6.0057, 12.9954



Tritanopia

113.9030, -9.3192, 49.1971

Trichromacy



Original Color

114.2820, -4.0830, 49.7417

Protanomaly

114.6370, 0.6720, 17.8584

Deuteranomaly

114.0850, -5.4649, 26.2355

Tritanomaly

113.7720, -7.2826, 49.3120

Monochromacy



Original Color

114.2820, -4.0830, 49.7417

Achromatopsia

114.0000, 0.0000, 0.0000

Achromatomaly

114.0670, -1.5120, 18.3582

CSS Examples

Text

The CSS property to change the color of the text to YUV 114.2820, -4.0830, 49.7417 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(171, 87, 106)` looks like.

```
.text, #text, p{  
    color:rgb(171, 87, 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(171, 87, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 87, 106) }
```

Border

The CSS property to change the border of an element to YUV 114.2820, -4.0830, 49.7417 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(171, 87, 106) }
```


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

```
.border{ border-color:rgb(171, 87, 106) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 87, 106)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 87, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 87, 106);  
box-shadow:4px 4px 4px 4px rgb(171, 87,  
106) }
```

Background

The CSS property to change the background color of an element to YUV 114.2820, -4.0830, 49.7417 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 87, 106) }
```

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

```
.background{ background-color: rgb(171, 87,  
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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