

Converting Colors

YUV(121.9860, 4.9369, 50.0013)

Have a look what the booklet for
YUV(121.9860, 4.9369, 50.0013)
contains.

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Color

**YUV(121.9860, 4.9369,
50.0013)**

Conversions

Conversions Part 1

Format	Color
Hex	B35B84
RGB	179, 91, 132
RGB Percent	70%, 36%, 52%
CMY	0.2980, 0.6431, 0.4824
CMYK	0.00, 0.49, 0.26, 0.30
HSL	332°, 37%, 53%
HSV	332°, 49%, 70%
XYZ	26.4963, 18.7318, 24.0489
YIQ	121.9860, 39.2870, 31.4070

Conversions

Conversions Part 2

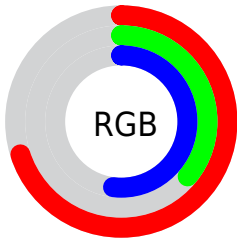
Format	Color
R_{YB}	179, 91, 132
Decimal	11754372
CIE _{Lab}	50.37, 40.54, -6.46
CIE _{LCh}	50, 41.053, 350.946
Yxy	18.7318, 0.3825, 0.2704
Android (android.graphics.Color)	4289944452 (0xFFB35B84)
YUV	121.9860, 4.9369, 50.0013
Hunter-Lab	43.2803, 33.5379, -2.6486

Details

The YUV color **121.9860, 4.9369, 50.0013** is a dark color, and the websafe version is hex **CC6699**. A complement of this color would be **148.0140, -4.9369, -50.0013**, and the grayscale version is **122.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **176.4810, 4.1999, 53.0752**, and **70.0180, 6.4001, 47.3422** is the 20% darker color. If you saturate the color by 10%, you get **110.2800, 5.7780, 60.2674**, and if you desaturate by 10%, it is **133.6920, 4.0958, 39.7351**.

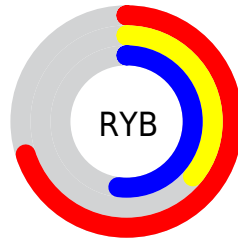
Distribution



Red (70%)

Green (36%)

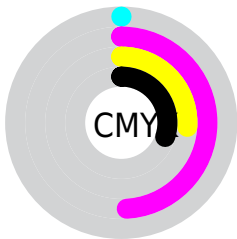
Blue (52%)



Red (70%)

Yellow (36%)

Blue (52%)

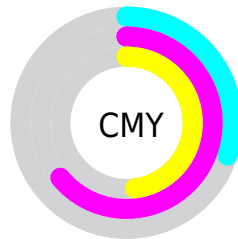


Cyan (0%)

Magenta (49%)

Yellow (26%)

Black (30%)



Cyan (30%)


Magenta (64%)


Yellow (48%)

Brightness & Saturation Gradients


These gradients show how the YUV color 121.9860, 4.9369, 50.0013 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 121.9860, 4.9369, 50.0013 by changing the saturation by 10% instead.


 121.9860, 4.9369,
50.0013


 121.9860, 4.9369,
50.0013


255.0000, 0.0000,
0.0000


 95.5020, 5.6685,
48.6717


 176.4810, 4.1999,
53.0752

 70.0180, 6.4001,
47.3422

 200.9040, 5.9633,
47.4422

 41.7130, 9.0155,
48.4867

 220.5320, 10.0907,
30.2284

 25.5610, 6.1324,
39.8500

 238.5640, 8.1029,
14.4144

 16.5890, 0.2026,
28.4244

 0.0000, 0.0000,
0.0000

121.9860, 4.9369,
50.0013

121.9860, 4.9369,
50.0013

110.2800, 5.7780,
60.2674

133.6920, 4.0958,
39.7351

98.6880, 7.0558,
70.4336

145.2840, 2.8180,
29.5689

86.9820, 7.8969,
80.6998

156.9900, 1.9769,
19.3028

75.3900, 9.1747,
90.8660

168.5820, 0.6991,
9.1366

64.2710, 9.7264,
100.6173

180.2880, -0.1420,
-1.1296


62.9830, 9.8684,
101.7469

191.2930, -1.1304,
-10.7810

202.9990, -1.9715,
-21.0471

214.5910, -3.2494,

-31.2133

 226.2970, -4.0904,
-41.4795

Harmonies

Analogous

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



123.7300, 19.8531, 25.6698



121.9860, 4.9369, 50.0013



119.7900, -11.2355, 57.1892

Triad

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



121.9860, 4.9369, 50.0013



113.8730, -30.9964, 1.8654



98.3800, 36.7877, -86.2793

Complementary

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



121.9860, 4.9369, 50.0013



148.0140, -4.9369, -50.0013

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.



96.8350, 23.2523, -84.9243



121.9860, 4.9369, 50.0013



108.9320, -17.2215, -29.7584

Square

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



121.9860, 4.9369, 50.0013



117.0550, -33.5511, 28.0158



92.7310, 7.5276, -81.3251



96.0950, 45.8022, -84.2753

Rectangle

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



121.9860, 4.9369, 50.0013



119.1240, -21.2601, 52.5113



92.7310, 7.5276, -81.3251



98.6420, 32.7145, -86.5090

Sweetspot

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



121.9860, 4.9369, 50.0013



209.2890, 1.8295, 19.9175



115.0850, 31.5101, 20.0965



103.4190, 1.2724, 11.9105



245.0000, 0.0000, 0.0000



117.0000, 0.0000, 0.0000

Same Dimension

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



121.9860, 4.9369, 50.0013



143.2590, 7.7603, 77.8259



119.0730, -13.8400, 52.5560



83.1470, 0.4205, 5.1331



53.8410, 8.4594, 86.9624



9.1420, 1.4090, 14.7845

Inverse Universe

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



121.9860, 4.9369, 50.0013



143.2590, 7.7603, 77.8259



150.9270, 13.8400, -52.5560



83.1470, 0.4205, 5.1331



53.8410, 8.4594, 86.9624



9.1420, 1.4090, 14.7845

Previews

White Background



This preview shows how the YUV color 121.9860, 4.9369, 50.0013 looks on a white background.

Color Contrast Check

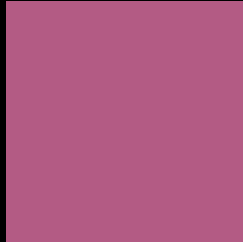
Large Text (above 18pt) WCAG AA ✓ Pass

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 121.9860, 4.9369, 50.0013 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

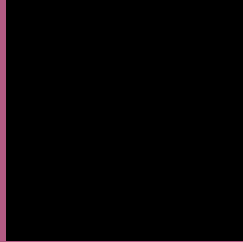
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 121.9860, 4.9369, 50.0013

Background



This preview shows how black text looks on a background with the YUV color 121.9860, 4.9369, 50.0013.



This preview shows how white text looks on a background with the YUV color 121.9860, 4.9369,

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

121.9860, 4.9369, 50.0013

Protanopia

120.7400, 14.4252, -6.7880

Deuteranopia

121.8420, 3.0359, 6.2776



Tritanopia

121.4190, -8.5876, 47.8675

Trichromacy



Original Color

121.9860, 4.9369, 50.0013

Protanomaly

121.2480, 10.7237, 13.8145

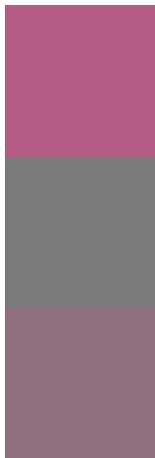
Deuteranomaly

122.0550, 3.4239, 21.8768

Tritanomaly

121.6840, -3.7882, 48.5121

Monochromacy



Original Color

121.9860, 4.9369, 50.0013

Achromatopsia

122.0000, 0.0000, 0.0000

Achromatomaly

122.2780, 1.8349, 18.1732

CSS Examples

Text

The CSS property to change the color of the text to YUV 121.9860, 4.9369, 50.0013 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(179, 91, 132)` looks like.

```
.text, #text, p{  
    color:rgb(179, 91, 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(179, 91, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 91, 132) }
```

Border

The CSS property to change the border of an element to YUV 121.9860, 4.9369, 50.0013 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(179, 91, 132) }
```


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

```
.border{ border-color:rgb(179, 91, 132) }
```

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

Here you see how a box with a 4 pixel rgb(179, 91, 132) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 91, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 91, 132);  
box-shadow:4px 4px 4px 4px rgb(179, 91,  
132) }
```

Background

The CSS property to change the background color of an element to YUV 121.9860, 4.9369, 50.0013 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 91, 132) }
```

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

```
.background{ background-color: rgb(179, 91,  
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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