

Converting Colors

YUV(121.8310, 13.3943,
43.9982)

Have a look what the booklet for
YUV(121.8310, 13.3943, 43.9982)
contains.

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Color

**YUV(121.8310, 13.3943,
43.9982)**

Conversions

Conversions Part 1

Format	Color
Hex	AC5B95
RGB	172, 91, 149
RGB Percent	67%, 36%, 58%
CMY	0.3255, 0.6431, 0.4157
CMYK	0.00, 0.47, 0.13, 0.33
HSL	317°, 33%, 52%
HSV	317°, 47%, 67%
XYZ	26.1792, 18.4228, 30.6099
YIQ	121.8310, 29.6580, 35.2100

Conversions

Conversions Part 2

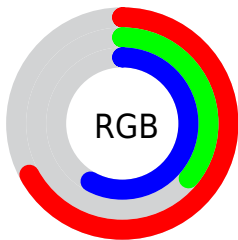
Format	Color
R_{YB}	172, 91, 149
Decimal	11295637
CIE _{Lab}	50.00, 40.81, -17.22
CIE _{LCh}	50, 44.297, 337.129
Yxy	18.4228, 0.3481, 0.2449
Android (android.graphics.Color)	4289485717 (0xFFAC5B95)
YUV	121.8310, 13.3943, 43.9982
Hunter-Lab	42.9217, 33.7591, -12.2378

Details

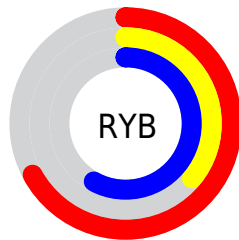
The YUV color **121.8310, 13.3943, 43.9982** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **141.1690, -13.3943, -43.9982**, and the grayscale version is **122.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **175.5540, 13.5309, 46.8721**, and **69.9340, 13.8365, 42.1539** is the 20% darker color. If you saturate the color by 10%, you get **111.2820, 16.1300, 53.2497**, and if you desaturate by 10%, it is **132.3800, 10.6587, 34.7467**.

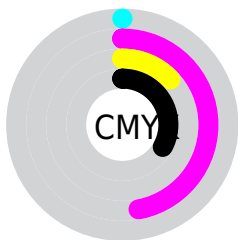
Distribution



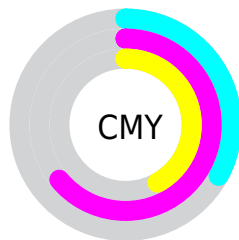
- Red (67%)
- Green (36%)
- Blue (58%)



- Red (67%)
- Yellow (36%)
- Blue (58%)



- Cyan (0%)
- Magenta (47%)
- Yellow (13%)
- Black (33%)





- Cyan (33%)
- Magenta (64%)
- Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the YUV color 121.8310, 13.3943, 43.9982 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 121.8310, 13.3943, 43.9982 by changing the saturation by 10% instead.


 121.8310, 13.3943,
43.9982


 121.8310, 13.3943,
43.9982


255.0000, 0.0000,
0.0000


 95.8200, 13.3997,
42.2539


 175.5540, 13.5309,
46.8721

 69.9340, 13.8365,
42.1539


 202.9560, 13.8257,
45.6426

 42.1020, 15.7257,
42.8835

 222.1280, 16.2059,
28.8287

 25.5480, 12.5478,
35.4764

 238.5640, 8.1029,
14.4144

 16.9890, 6.9074,
24.5656

 0.0000, 0.0000,
0.0000

121.8310, 13.3943,
43.9982

121.8310, 13.3943,
43.9982

111.2820, 16.1300,
53.2497

132.3800, 10.6587,
34.7467

100.7330, 18.8656,
62.5012

142.9290, 7.9230,
25.4953

89.5970, 21.8907,
72.2674

154.0650, 4.8980,
15.7290

79.0480, 24.6263,
81.5189

164.6140, 2.1623,
6.4775

68.6130, 27.7988,
90.6704

175.0490, -1.0102,
-2.6740


65.4500, 28.3721,
93.4444

185.5980, -3.7458,
-11.9254

196.1470, -6.4815,
-21.1769

207.2830, -9.5065,

-30.9432

 217.8320,
-12.2422, -40.1947

Harmonies

Analogous

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



121.8080, 28.1957, 9.8154



121.8310, 13.3943, 43.9982



118.7610, -3.8262, 60.7226

Triad

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



121.8310, 13.3943, 43.9982



114.3540, -37.1495, 15.4755



98.4140, 31.8409, -86.3091

Complementary

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



121.8310, 13.3943, 43.9982



141.1690, -13.3943, -43.9982

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.



95.4840, 15.5374, -83.7395



121.8310, 13.3943, 43.9982



110.2020, -26.7216, -15.9632

Square

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



121.8310, 13.3943, 43.9982



116.4310, -33.7365, 40.8410



97.9480, -4.9044, -60.4674



98.3290, 44.2078, -86.2345

Rectangle

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



121.8310, 13.3943, 43.9982



118.0740, -15.3195, 60.4481



97.9480, -4.9044, -60.4674



97.7470, 26.7467, -85.7241

Sweetspot

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



121.8310, 13.3943, 43.9982



204.7770, 5.0399, 16.8586



107.1110, 31.9903, 6.0417



100.2770, 3.3144, 10.2811



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.



121.8310, 13.3943, 43.9982



144.7600, 21.3173, 69.4935



117.2710, -4.0776, 47.9973



81.3750, 1.2941, 4.9331



57.1620, 25.0631, 81.4189



8.7010, 3.5984, 12.5402

Inverse Universe

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



121.8310, 13.3943, 43.9982



144.7600, 21.3173, 69.4935



145.7290, 4.0776, -47.9973



81.3750, 1.2941, 4.9331



57.1620, 25.0631, 81.4189



8.7010, 3.5984, 12.5402

Previews

White Background



This preview shows how the YUV color 121.8310, 13.3943, 43.9982 looks on a white background.

Color Contrast Check

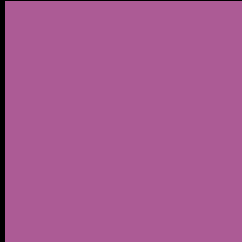
Large Text (above 18pt) WCAG AA ✓ Pass

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 121.8310, 13.3943, 43.9982 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

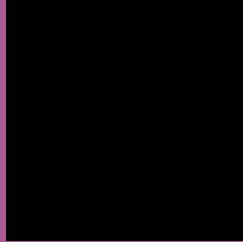
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 121.8310, 13.3943, 43.9982

Background



This preview shows how black text looks on a background with the YUV color 121.8310, 13.3943, 43.9982.



This preview shows how white text looks on a background with the YUV color 121.8310, 13.3943,

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

121.8310, 13.3943, 43.9982

Protanopia

119.6280, 24.3404, -13.7058

Deuteranopia

120.7900, 11.9355, -1.5698



Tritanopia

120.8310, -6.8187, 40.4902

Trichromacy



Original Color

121.8310, 13.3943, 43.9982

Protanomaly

120.4350, 20.4915, 7.5115

Deuteranomaly

121.3020, 12.1761, 14.6441

Tritanomaly

121.3780, 0.3066, 41.7645

Monochromacy



Original Color

121.8310, 13.3943, 43.9982

Achromatopsia

122.0000, 0.0000, 0.0000

Achromatomaly

122.0650, 4.8980, 15.7290

CSS Examples

Text

The CSS property to change the color of the text to YUV 121.8310, 13.3943, 43.9982 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(172, 91, 149)` looks like.

```
.text, #text, p{  
    color:rgb(172, 91, 149)  
}
```

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(172, 91, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 91, 149) }
```

Border

The CSS property to change the border of an element to YUV 121.8310, 13.3943, 43.9982 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(172, 91, 149) }
```


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

```
.border{ border-color:rgb(172, 91, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 91, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 91, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 91, 149);  
box-shadow:4px 4px 4px 4px rgb(172, 91,  
149) }
```

Background

The CSS property to change the background color of an element to YUV 121.8310, 13.3943, 43.9982 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 91, 149) }
```

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

```
.background{ background-color: rgb(172, 91,  
149) }
```

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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