

Converting Colors

YUV(121.3580, 14.1205,
44.4130)

Have a look what the booklet for
YUV(121.3580, 14.1205, 44.4130)
contains.

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Color

**YUV(121.3580, 14.1205,
44.4130)**

Conversions

Conversions Part 1

Format	Color
Hex	AC5A96
RGB	172, 90, 150
RGB Percent	67%, 35%, 59%
CMY	0.3255, 0.6471, 0.4118
CMYK	0.00, 0.48, 0.13, 0.33
HSL	316°, 33%, 51%
HSV	316°, 48%, 67%
XYZ	26.1744, 18.2850, 31.0040
YIQ	121.3580, 29.6120, 36.0440

Conversions

Conversions Part 2

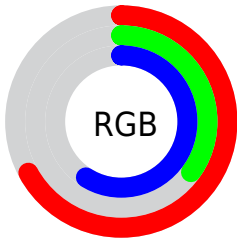
Format	Color
R_{YB}	172, 90, 150
Decimal	11295382
CIE _{Lab}	49.84, 41.51, -18.06
CIE _{LCh}	50, 45.265, 336.485
Yxy	18.2850, 0.3468, 0.2423
Android (android.graphics.Color)	4289485462 (0xFFAC5A96)
YUV	121.3580, 14.1205, 44.4130
Hunter-Lab	42.7610, 34.4301, -13.0557

Details

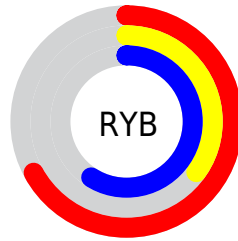
The YUV color **121.3580, 14.1205, 44.4130** is a dark color, and the websafe version is hex **CC6699**. A complement of this color would be **140.6420, -14.1205, -44.4130**, and the grayscale version is **121.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **175.6680, 13.9677, 46.7722**, and **69.4610, 14.5627, 42.5687** is the 20% darker color. If you saturate the color by 10%, you get **110.8090, 16.8562, 53.6645**, and if you desaturate by 10%, it is **131.9070, 11.3848, 35.1616**.

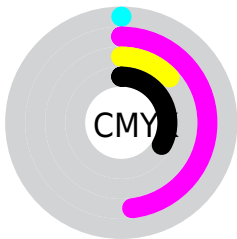
Distribution



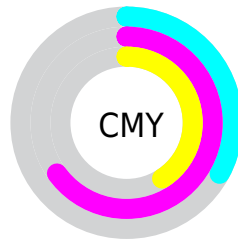
- Red (67%)
- Green (35%)
- Blue (59%)



- Red (67%)
- Yellow (35%)
- Blue (59%)



- Cyan (0%)
- Magenta (48%)
- Yellow (13%)
- Black (33%)





- Cyan (33%)
- Magenta (65%)
- Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the YUV color 121.3580, 14.1205, 44.4130 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 121.3580, 14.1205, 44.4130 by changing the saturation by 10% instead.


 121.3580, 14.1205,
44.4130


 121.3580, 14.1205,
44.4130


255.0000, 0.0000,
0.0000


 95.3470, 14.1259,
42.6687


 175.6680, 13.9677,
46.7722


 69.4610, 14.5627,
42.5687


 202.4830, 14.5519,
46.0574


 41.0420, 16.7413,
43.8132

 221.5410, 16.4953,
29.3435

 25.6620, 12.9846,
35.3764

 237.9770, 8.3923,
14.9292

 16.9890, 6.9074,
24.5656

 0.1140, 0.4368,
-0.1000

 0.0000, 0.0000,

0.0000

■ 121.3580, 14.1205,
44.4130

■ 121.3580, 14.1205,
44.4130

■ 110.8090, 16.8562,
53.6645

■ 131.9070, 11.3848,
35.1616

■ 100.3740, 20.0286,
62.8160

■ 142.3420, 8.2124,
26.0101

■ 89.2380, 23.0537,
72.5823

■ 153.4780, 5.1873,
16.2438

■ 78.8030, 26.2261,
81.7338

■ 163.9130, 2.0149,
7.0923

■ 68.2540, 28.9618,
90.9852

■ 174.4620, -0.7208,
-2.1592

■ 65.7920, 29.6825,
93.1444

■ 185.0110, -3.4564,
-11.4106

■ 195.4460, -6.6289,
-20.5621

■ 206.5820, -9.6539,
-30.3284

■ 217.1310,
-12.3896, -39.5799

Harmonies

Analogous

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



121.7370, 29.2167, 9.0007



121.3580, 14.1205, 44.4130



118.5870, -3.2474, 61.7522

Triad

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



121.3580, 14.1205, 44.4130



113.5390, -37.7337, 16.1903



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.



121.3580, 14.1205, 44.4130



140.6420, -14.1205, -44.4130

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.



94.7830, 15.3900, -83.1247



121.3580, 14.1205, 44.4130



108.9740, -27.5952, -15.7632

Square

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



121.3580, 14.1205, 44.4130



116.0290, -34.0313, 42.0706



96.8230, -5.3357, -62.1118



98.4430, 44.6446, -86.3345

Rectangle

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



121.3580, 14.1205, 44.4130



117.0850, -15.3249, 62.1925



96.8230, -5.3357, -62.1118



97.7470, 26.7467, -85.7241

Sweetspot

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



121.3580, 14.1205, 44.4130



204.8910, 5.4767, 16.7586



105.9260, 32.5745, 5.3269



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.



121.3580, 14.1205, 44.4130



144.9880, 22.1909, 69.2935



116.6840, -3.7882, 48.5121



81.3750, 1.2941, 4.9331



57.3900, 25.9367, 81.2190



8.8150, 4.0352, 12.4402

Inverse Universe

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



121.3580, 14.1205, 44.4130



144.9880, 22.1909, 69.2935



145.3160, 3.7882, -48.5121



81.3750, 1.2941, 4.9331



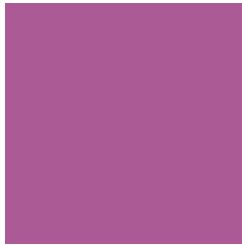
57.3900, 25.9367, 81.2190



8.8150, 4.0352, 12.4402

Previews

White Background



This preview shows how the YUV color 121.3580, 14.1205, 44.4130 looks on a white background.

Color Contrast Check

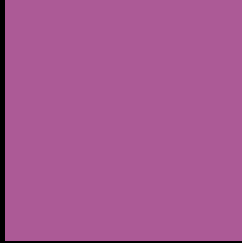
Large Text (above 18pt) WCAG AA ✓ Pass

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 121.3580, 14.1205, 44.4130 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

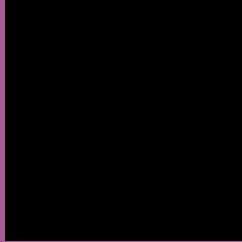
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 121.3580, 14.1205, 44.4130

Background



This preview shows how black text looks on a background with the YUV color 121.3580, 14.1205, 44.4130.



This preview shows how white text looks on a background with the YUV color 121.3580, 14.1205,

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

121.3580, 14.1205, 44.4130

Protanopia

118.5570, 25.3614, -14.5205

Deuteranopia

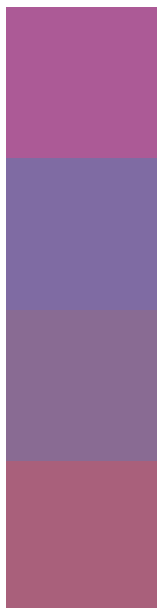
119.6050, 12.5197, -2.2846



Tritanopia

120.2440, -6.5293, 41.0050

Trichromacy



Original Color

121.3580, 14.1205, 44.4130

Protanomaly

119.3640, 21.5125, 6.6968

Deuteranomaly

120.5300, 13.0497, 14.4442

Tritanomaly

120.9050, 1.0328, 42.1793

Monochromacy



Original Color

121.3580, 14.1205, 44.4130

Achromatopsia

121.0000, 0.0000, 0.0000

Achromatomaly

121.4780, 5.1873, 16.2438

CSS Examples

Text

The CSS property to change the color of the text to YUV 121.3580, 14.1205, 44.4130 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, 90, 150)` looks like.

```
.text, #text, p{  
    color:rgb(172, 90, 150)  
}
```

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, 90, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 90, 150) }
```

Border

The CSS property to change the border of an element to YUV 121.3580, 14.1205, 44.4130 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, 90, 150) }
```


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

```
.border{ border-color:rgb(172, 90, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 90, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 90, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 90, 150);  
box-shadow:4px 4px 4px 4px rgb(172, 90,  
150) }
```

Background

The CSS property to change the background color of an element to YUV 121.3580, 14.1205, 44.4130 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 90, 150) }
```

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

```
.background{ background-color: rgb(172, 90,  
150) }
```

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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