

Converting Colors

YUV(125.0980, 8.3327, 34.1171)

Have a look what the booklet for
YUV(125.0980, 8.3327, 34.1171)
contains.

YUV(125.0980, 8.3327, 34.1171)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(125.0980, 8.3327,
34.1171)**

Conversions

Conversions Part 1

Format	Color
Hex	A4668E
RGB	164, 102, 142
RGB Percent	64%, 40%, 56%
CMY	0.3569, 0.6000, 0.4431
CMYK	0.00, 0.38, 0.13, 0.36
HSL	321°, 25%, 52%
HSV	321°, 38%, 64%
XYZ	24.9437, 19.3482, 28.0111
YIQ	125.0980, 24.1120, 25.5840

Conversions

Conversions Part 2

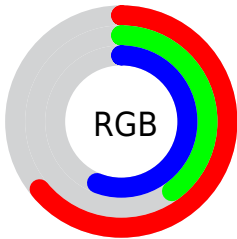
Format	Color
R_{YB}	164, 102, 142
Decimal	10774158
CIE _{Lab}	51.09, 30.93, -11.52
CIE _{LCh}	51, 33.005, 339.565
Yxy	19.3482, 0.3450, 0.2676
Android (android.graphics.Color)	4288964238 (0xFFA4668E)
YUV	125.0980, 8.3327, 34.1171
Hunter-Lab	43.9866, 24.2461, -6.9658

Details

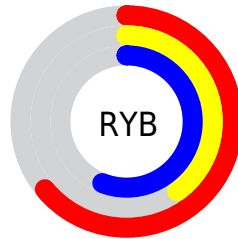
The YUV color **125.0980, 8.3327, 34.1171** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **140.9020, -8.3327, -34.1171**, and the grayscale version is **125.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **178.5220, 8.6167, 36.3762**, and **74.7880, 8.4855, 31.7579** is the 20% darker color. If you saturate the color by 10%, you get **115.0220, 10.3422, 42.9537**, and if you desaturate by 10%, it is **135.1740, 6.3232, 25.2804**.

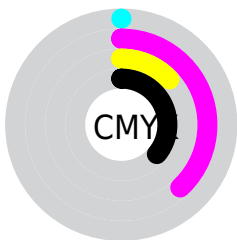
Distribution



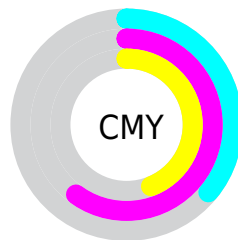
- Red (64%)
- Green (40%)
- Blue (56%)



- Red (64%)
- Yellow (40%)
- Blue (56%)



- Cyan (0%)
- Magenta (38%)
- Yellow (13%)
- Black (36%)





- Cyan (36%)
- Magenta (60%)
- Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the YUV color 125.0980, 8.3327, 34.1171 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 125.0980, 8.3327, 34.1171 by changing the saturation by 10% instead.


 125.0980, 8.3327,
34.1171

 125.0980, 8.3327,
34.1171

255.0000, 0.0000,
0.0000


 99.3860, 8.1907,
32.9875


 178.5220, 8.6167,
36.3762


 74.7880, 8.4855,
31.7579

 206.2340, 8.7586,
37.5058

 50.1900, 8.7803,
30.5284

 227.6560, 12.0016,
23.9807

 25.8310, 9.9433,
30.8432

 245.0210, 4.9196,
8.7516

 14.9240, 5.4605,
21.9917

 0.0000, 0.0000,
0.0000

125.0980, 8.3327,
34.1171

125.0980, 8.3327,
34.1171

115.0220, 10.3422,
42.9537

135.1740, 6.3232,
25.2804

104.3590, 12.6410,
52.3052

145.8370, 4.0244,
15.9290

94.3970, 15.0873,
61.0418

155.7990, 1.5781,
7.1923

83.7340, 17.3861,
70.3933

166.4620, -0.7208,
-2.1592

73.6580, 19.3956,
79.2299

176.5380, -2.7302,
-10.9958

63.5820, 21.4051,
88.0666


186.6140, -4.7397,
-19.8325

61.1200, 22.1258,
90.2258

197.2770, -7.0386,
-29.1839

207.3530, -9.0480,

-38.0206

 217.9020,
-11.7837, -47.2721

Harmonies

Analogous

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



124.6310, 19.9019, 9.9706



125.0980, 8.3327, 34.1171



123.7330, -4.7984, 45.8382

Triad

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



125.0980, 8.3327, 34.1171



118.7800, -26.5135, 10.7169



97.1430, 29.5095, -85.1944

Complementary

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



125.0980, 8.3327, 34.1171



140.9020, -8.3327, -34.1171

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.



95.2390, 17.1372, -83.5246



125.0980, 8.3327, 34.1171



114.9880, -18.7281, -13.1445

Square

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



125.0980, 8.3327, 34.1171



120.8410, -25.5576, 30.8344



109.5960, -4.2378, -40.8647



106.3120, 33.3702, -63.4176

Rectangle

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



125.0980, 8.3327, 34.1171



123.0290, -13.8183, 45.5786



109.5960, -4.2378, -40.8647



96.8180, 25.7257, -84.9094

Sweetspot

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



125.0980, 8.3327, 34.1171



199.5870, 3.1616, 12.6402



115.6460, 23.8385, 7.3265



98.2120, 1.8675, 7.7071



235.0000, 0.0000, 0.0000



107.0000, 0.0000, 0.0000

Same Dimension

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



125.0980, 8.3327, 34.1171



153.7720, 12.9304, 52.8200



121.5640, -5.2081, 37.2164



76.3750, 1.2941, 4.9331



54.0710, 19.6850, 79.7447



6.7500, 2.5882, 9.8663

Inverse Universe

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



125.0980, 8.3327, 34.1171



153.7720, 12.9304, 52.8200



144.4360, 5.2081, -37.2164



76.3750, 1.2941, 4.9331



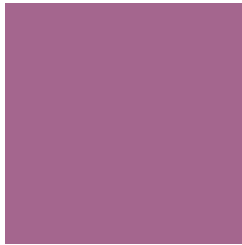
54.0710, 19.6850, 79.7447



6.7500, 2.5882, 9.8663

Previews

White Background



This preview shows how the YUV color 125.0980, 8.3327, 34.1171 looks on a white background.

Color Contrast Check

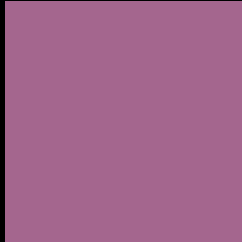
Large Text (above 18pt) WCAG AA ✓ Pass

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 125.0980, 8.3327, 34.1171 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

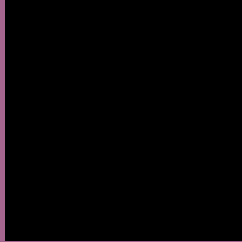
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 125.0980, 8.3327, 34.1171

Background



This preview shows how black text looks on a background with the YUV color 125.0980, 8.3327, 34.1171.



This preview shows how white text looks on a background with the YUV color 125.0980, 8.3327,

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

125.0980, 8.3327, 34.1171

Protanopia

122.7830, 15.8830, -7.7027

Deuteranopia

123.3730, 7.7041, 2.3039



Tritanopia

124.0580, -4.4656, 32.3981

Trichromacy



Original Color

125.0980, 8.3327, 34.1171

Protanomaly

123.4860, 13.0714, 7.4668

Deuteranomaly

124.1510, 7.8136, 13.8996

Tritanomaly

124.3230, 0.3338, 33.0427

Monochromacy



Original Color

125.0980, 8.3327, 34.1171

Achromatopsia

125.0000, 0.0000, 0.0000

Achromatomaly

125.1740, 2.8722, 12.1254

CSS Examples

Text

The CSS property to change the color of the text to YUV 125.0980, 8.3327, 34.1171 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(164, 102, 142)` looks like.

```
.text, #text, p{  
    color:rgb(164, 102, 142)  
}
```

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(164, 102, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 102, 142) }
```

Border

The CSS property to change the border of an element to YUV 125.0980, 8.3327, 34.1171 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(164, 102, 142) }
```


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

```
.border{ border-color:rgb(164, 102, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(164, 102, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 102, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 102, 142);  
box-shadow:4px 4px 4px 4px rgb(164, 102,  
142) }
```

Background

The CSS property to change the background color of an element to YUV 125.0980, 8.3327, 34.1171 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 102, 142) }
```

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

```
.background{ background-color: rgb(164,  
102, 142) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor