

Converting Colors

YUV(145.8330, 0.0823, 20.3175)

Have a look what the booklet for
YUV(145.8330, 0.0823, 20.3175)
contains.

YUV(145.8330, 0.0823, 20.3175)	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(145.8330, 0.0823,
20.3175)**

Conversions

Conversions Part 1

Format	Color
Hex	A98692
RGB	169, 134, 146
RGB Percent	66%, 53%, 57%
CMY	0.3373, 0.4745, 0.4275
CMYK	0.00, 0.21, 0.14, 0.34
HSL	339°, 17%, 59%
HSV	339°, 21%, 66%
XYZ	30.0756, 27.5605, 30.9287
YIQ	145.8330, 17.0080, 11.1520

Conversions

Conversions Part 2

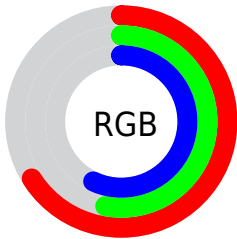
Format	Color
R_{YB}	169, 134, 146
Decimal	11110034
CIE _{Lab}	59.49, 15.33, -1.32
CIE _{LCh}	59, 15.388, 355.092
Yxy	27.5605, 0.3396, 0.3112
Android (android.graphics.Color)	4289300114 (0xFFA98692)
YUV	145.8330, 0.0823, 20.3175
Hunter-Lab	52.4981, 10.3889, 1.8186

Details

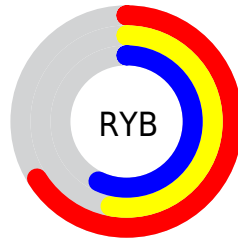
The YUV color **145.8330, 0.0823, 20.3175** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **157.1670, -0.0823, -20.3175**, and the grayscale version is **146.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **199.8440, 0.0769, 22.0618**, and **94.9360, 0.5246, 18.4731** is the 20% darker color. If you saturate the color by 10%, you get **134.6000, 0.1972, 30.1688**, and if you desaturate by 10%, it is **157.0660, -0.0325, 10.4661**.

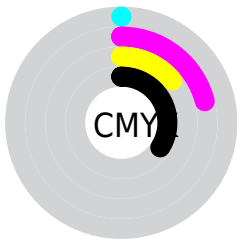
Distribution



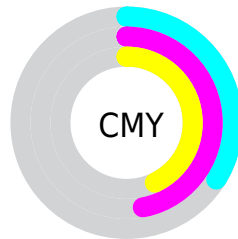
- Red (66%)
- Green (53%)
- Blue (57%)



- Red (66%)
- Yellow (53%)
- Blue (57%)



- Cyan (0%)
- Magenta (21%)
- Yellow (14%)
- Black (34%)



- Cyan (34%)
- Magenta (47%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the YUV color 145.8330, 0.0823, 20.3175 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 145.8330, 0.0823, 20.3175 by changing the saturation by 10% instead.

■ 145.8330, 0.0823,
20.3175

■ 145.8330, 0.0823,
20.3175

■ 255.0000, 0.0000,
0.0000

■ 120.1210, -0.0597,
19.1879

■ 199.8440, 0.0769,
22.0618

■ 94.9360, 0.5246,
18.4731

■ 227.8440, 0.0769,
22.0618

■ 71.2240, 0.3826,
17.3436

■ 248.5430, 3.1833,
5.6628

■ 48.6260, 0.6774,
16.1140

■ 27.3270, 0.8248,
15.4992

■ 8.0020, -2.9590,
15.7842

■ 0.0000, 0.0000,

0.0000

■ 145.8330, 0.0823,
20.3175

■ 145.8330, 0.0823,
20.3175

■ 134.6000, 0.1972,
30.1688

■ 157.0660, -0.0325,
10.4661

■ 123.3670, 0.3121,
40.0201

■ 168.2990, -0.1474,
0.6148

■ 112.1340, 0.4269,
49.8715

■ 179.5320, -0.2623,
-9.2366

■ 100.9010, 0.5418,
59.7228

■ 190.7650, -0.3771,
-19.0879

■ 89.5540, 0.2199,
69.6741

■ 201.5250, 0.2342,
-28.5244

■ 78.9080, 0.0454,
79.0107

■ 212.7580, 0.1193,
-38.3758

■ 67.6750, 0.1602,
88.8620

■ 223.9910, 0.0044,
-48.2271

■ 57.1430, 0.4225,
98.0986

■ 227.0060, 3.9410,
-50.8713

■ 228.2600, 8.7458,
-51.9710

Harmonies

Analogous

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



145.4990, 6.6560, 11.8404



145.8330, 0.0823, 20.3175



145.1340, -6.4751, 23.5615

Triad

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



145.8330, 0.0823, 20.3175



141.7260, -11.2039, 0.2403



139.7610, 12.4428, -24.3464

Complementary

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



145.8330, 0.0823, 20.3175



157.1670, -0.0823, -20.3175

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.



138.1860, 7.7963, -27.3501



145.8330, 0.0823, 20.3175



139.6150, -6.2192, -11.9404

Square

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



145.8330, 0.0823, 20.3175



143.3360, -12.9836, 11.1063



138.3840, 0.7967, -22.2618



141.8700, 13.8681, -14.7950

Rectangle

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



145.8330, 0.0823, 20.3175



144.6130, -9.6692, 21.3874



138.3840, 0.7967, -22.2618



139.1090, 11.2853, -26.4056

Sweetspot

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



145.8330, 0.0823, 20.3175



210.4570, 0.2677, 7.4922



144.8670, 11.8976, 10.6406



104.7340, 0.1311, 4.6183



237.0000, 0.0000, 0.0000



110.0000, 0.0000, 0.0000

Same Dimension

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



145.8330, 0.0823, 20.3175



182.6110, 0.1918, 31.9132



147.4000, -6.6062, 18.9432



78.7340, 0.1311, 4.6183



50.0660, 0.4605, 85.8881



6.7780, 0.1094, 11.5957

Inverse Universe

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



145.8330, 0.0823, 20.3175



182.6110, 0.1918, 31.9132



155.6000, 6.6062, -18.9432



78.7340, 0.1311, 4.6183



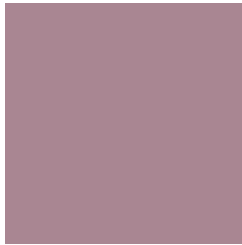
50.0660, 0.4605, 85.8881



6.7780, 0.1094, 11.5957

Previews

White Background



This preview shows how the YUV color 145.8330, 0.0823, 20.3175 looks on a white background.

Color Contrast Check

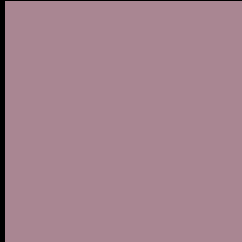
Large Text (above 18pt) WCAG AA ✓ Pass

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 145.8330, 0.0823, 20.3175 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

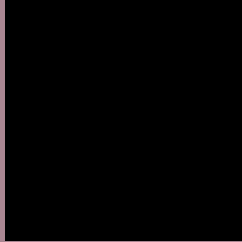
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 145.8330, 0.0823, 20.3175

Background



This preview shows how black text looks on a background with the YUV color 145.8330, 0.0823, 20.3175.



This preview shows how white text looks on a background with the YUV color 145.8330, 0.0823,

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

145.8330, 0.0823, 20.3175

Protanopia

144.2110, 3.3470, -0.1850

Deuteranopia

144.7670, 0.1149, 9.8513



Tritanopia

145.7190, -0.3545, 20.4174

Trichromacy



Original Color

145.8330, 0.0823, 20.3175

Protanomaly

144.9130, 2.0149, 7.0923

Deuteranomaly

145.0880, -0.0434, 13.9548

Tritanomaly

145.7190, -0.3545, 20.4174

Monochromacy



Original Color

145.8330, 0.0823, 20.3175

Achromatopsia

146.0000, 0.0000, 0.0000

Achromatomaly

146.0440, -0.0217, 6.9774

CSS Examples

Text

The CSS property to change the color of the text to YUV 145.8330, 0.0823, 20.3175 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(169, 134, 146)` looks like.

```
.text, #text, p{  
    color:rgb(169, 134, 146)  
}
```

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(169, 134, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 134, 146) }
```

Border

The CSS property to change the border of an element to YUV 145.8330, 0.0823, 20.3175 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(169, 134, 146) }
```


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

```
.border{ border-color:rgb(169, 134, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 134, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 134, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 134, 146);  
box-shadow:4px 4px 4px 4px rgb(169, 134,  
146) }
```

Background

The CSS property to change the background color of an element to YUV 145.8330, 0.0823, 20.3175 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 134, 146) }
```

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

```
.background{ background-color: rgb(169,  
134, 146) }
```

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