

Converting Colors

YUV(129.8550, 16.8335,
14.1592)

Have a look what the booklet for
YUV(129.8550, 16.8335, 14.1592)
contains.

YUV(129.8550, 16.8335, 14.1592)	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(129.8550, 16.8335,
14.1592)**

Conversions

Conversions Part 1

Format	Color
Hex	9273A4
RGB	146, 115, 164
RGB Percent	57%, 45%, 64%
CMY	0.4275, 0.5490, 0.3569
CMYK	0.11, 0.30, 0.00, 0.36
HSL	278°, 21%, 55%
HSV	278°, 30%, 64%
XYZ	24.6856, 21.0528, 37.8845
YIQ	129.8550, 2.7470, 21.8110

Conversions

Conversions Part 2

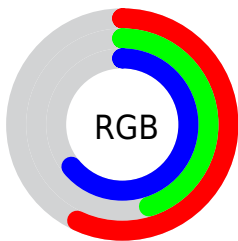
Format	Color
R _Y B	146, 115, 164
Decimal	9597860
CIE Lab	53.01, 21.57, -21.69
CIE LCh	53, 30.587, 314.835
Yxy	21.0528, 0.2952, 0.2518
Android (android.graphics.Color)	4287787940 (0xFF9273A4)
YUV	129.8550, 16.8335, 14.1592
Hunter-Lab	45.8833, 15.7388, -16.8356

Details

The YUV color **129.8550, 16.8335, 14.1592** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **149.1450, -16.8335, -14.1592**, and the grayscale version is **130.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **182.7950, 17.8491, 15.0888**, and **79.9150, 15.8179, 13.2295** is the 20% darker color. If you saturate the color by 10%, you get **118.6690, 22.3482, 18.7073**, and if you desaturate by 10%, it is **141.0410, 11.3188, 9.6110**.

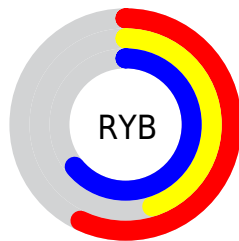
Distribution



Red (57%)

Green (45%)

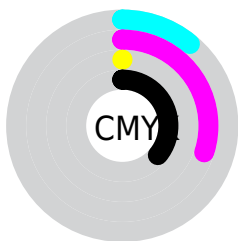
Blue (64%)



Red (57%)

Yellow (45%)

Blue (64%)

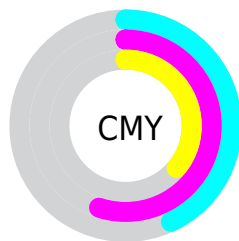


Cyan (11%)

Magenta (30%)

Yellow (0%)

Black (36%)



Cyan (43%)

Magenta (55%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the YUV color 129.8550, 16.8335, 14.1592 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 129.8550, 16.8335, 14.1592 by changing the saturation by 10% instead.

129.8550, 16.8335,
14.1592

129.8550, 16.8335,
14.1592

255.0000, 0.0000,
0.0000

104.4420, 16.5441,
13.6444

182.7950, 17.8491,
15.0888

79.9150, 15.8179,
13.2295

211.2080, 18.1385,
15.6036

56.6760, 14.9497,
11.6851

236.2160, 9.2605,
16.4736

34.2630, 14.6603,
11.1703

252.6520, 1.1576,
2.0592

12.8610, 14.3655,
12.3999

2.8670, 8.4466,
-2.5144

0.0000, 0.0000,

0.0000

■ 129.8550, 16.8335,
14.1592

■ 129.8550, 16.8335,
14.1592

■ 118.6690, 22.3482,
18.7073

■ 141.0410, 11.3188,
9.6110

■ 106.8960, 28.1523,
23.7702

■ 152.8140, 5.5147,
4.5481

■ 95.7100, 33.6670,
28.3183

■ 164.0000, 0.0000,
0.0000

■ 83.9370, 39.4711,
33.3813

■ 175.7730, -5.8041,
-5.0629

■ 72.7510, 44.9858,
37.9294

■ 186.9590,
-11.3188, -9.6110

■ 61.5650, 50.5005,
42.4775

■ 198.1450,
-16.8335, -14.1592

■ 49.7920, 56.3045,
47.5404

■ 209.9180,
-22.6376, -19.2221

■ 221.1040,
-28.1523, -23.7702

■ 228.1810,
-31.6412, -24.7147

Harmonies

Analogous

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



126.4430, 24.9246, -14.4205



129.8550, 16.8335, 14.1592



130.0010, 5.4225, 34.2021

Triad

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



129.8550, 16.8335, 14.1592



125.4490, -24.3784, 25.9162



106.9850, 15.7834, -69.2698

Complementary

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



129.8550, 16.8335, 14.1592



149.1450, -16.8335, -14.1592

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.



115.2800, -1.6170, -41.4646



129.8550, 16.8335, 14.1592



123.4420, -23.8819, 6.6284

Square

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



129.8550, 16.8335, 14.1592



127.5460, -18.0172, 38.9862



120.0630, -15.8071, -16.7183



104.0730, 29.0510, -78.1170

Rectangle

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



129.8550, 16.8335, 14.1592



129.1670, -3.0403, 41.9495



120.0630, -15.8071, -16.7183



110.1450, 9.7885, -59.7632

Sweetspot

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



129.8550, 16.8335, 14.1592



200.7540, 6.5303, 5.4777



131.7390, 15.9047, -14.6801



98.7600, 4.0623, 3.7185



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.



129.8550, 16.8335, 14.1592



160.4290, 26.4105, 22.4258



134.5530, 11.5594, 25.8250



75.8200, 3.0467, 2.7889



44.0380, 49.7743, 42.0627



5.3410, 6.2409, 4.9629

Inverse Universe

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



131.7030, 0.6394, 28.3245



163.2150, 0.8800, 44.5384



144.4470, -11.5594, -25.8250



76.0330, -0.0163, 5.2331



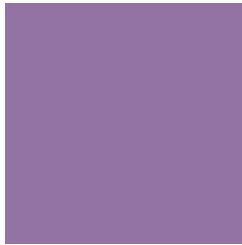
49.3970, 1.7763, 83.8438



6.1800, 0.4043, 10.3661

Previews

White Background



This preview shows how the YUV color 129.8550, 16.8335, 14.1592 looks on a white background.

Color Contrast Check

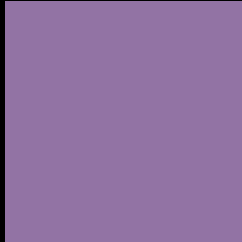
Large Text (above 18pt) WCAG AA ✓ Pass

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 129.8550, 16.8335, 14.1592 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 129.8550, 16.8335, 14.1592 Background



This preview shows how black text looks on a background with the YUV color 129.8550, 16.8335, 14.1592.



This preview shows how white text looks on a background with the YUV color 129.8550, 16.8335, 14.1592.

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

129.8550, 16.8335, 14.1592

Protanopia

126.7700, 22.2984, -12.0763

Deuteranopia

127.1360, 17.1880, -6.2583



Tritanopia

128.1200, 1.4198, 11.2958

Trichromacy



Original Color

129.8550, 16.8335, 14.1592

Protanomaly

127.6680, 20.3767, -2.3398

Deuteranomaly

128.1800, 17.1663, 0.7191

Tritanomaly

128.9120, 6.9454, 12.3552

Monochromacy



Original Color

129.8550, 16.8335, 14.1592

Achromatopsia

130.0000, 0.0000, 0.0000

Achromatomaly

130.2270, 5.8041, 5.0629

CSS Examples

Text

The CSS property to change the color of the text to YUV 129.8550, 16.8335, 14.1592 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(146, 115, 164)` looks like.

```
.text, #text, p{  
    color:rgb(146, 115, 164)  
}
```

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(146, 115, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 115, 164) }
```

Border

The CSS property to change the border of an element to YUV 129.8550, 16.8335, 14.1592 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(146, 115, 164) }
```


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

```
.border{ border-color:rgb(146, 115, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(146, 115, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(146, 115, 164); -webkit-box-shadow:4px 4px 4px 4px rgb(146, 115, 164); box-shadow:4px 4px 4px 4px rgb(146, 115, 164) }
```

Background

The CSS property to change the background color of an element to YUV 129.8550, 16.8335, 14.1592 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 115, 164) }
```

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

```
.background{ background-color: rgb(146,  
115, 164) }
```

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