

Converting Colors

YUV(129.2230, -5.0399,
-16.8586)

Have a look what the booklet for
YUV(129.2230, -5.0399, -16.8586)
contains.

YUV(129.2230, -5.0399, -16.8586)	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(129.2230, -5.0399,
-16.8586)**

Conversions

Conversions Part 1

Format	Color
Hex	6E8D77
RGB	110, 141, 119
RGB Percent	43%, 55%, 47%
CMY	0.5686, 0.4471, 0.5333
CMYK	0.22, 0.00, 0.16, 0.45
HSL	137°, 12%, 49%
HSV	137°, 22%, 55%
XYZ	19.2851, 23.6967, 21.0102
YIQ	129.2230, -11.4140, -13.4140

Conversions

Conversions Part 2

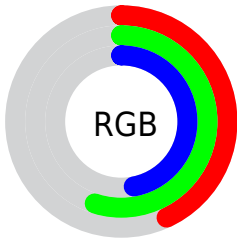
Format	Color
R_{YB}	110, 134, 141
Decimal	7245175
CIE _{Lab}	55.78, -15.60, 8.19
CIE _{LCh}	56, 17.620, 152.298
Yxy	23.6967, 0.3014, 0.3703
Android (android.graphics.Color)	4285435255 (0xFF6E8D77)
YUV	129.2230, -5.0399, -16.8586
Hunter-Lab	48.6792, -14.4730, 8.4855

Details

The YUV color $129.2230, -5.0399, -16.8586$ is a dark color, and the websafe version is hex 669999 . A complement of this color would be $121.7770, 5.0399, 16.8586$, and the grayscale version is $129.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $182.3970, -5.6187, -17.8882$, and $80.0490, -4.4612, -15.8290$ is the 20% darker color. If you saturate the color by 10%, you get $123.8970, -7.3442, -24.4657$, and if you desaturate by 10%, it is $134.5490, -2.7357, -9.2515$.

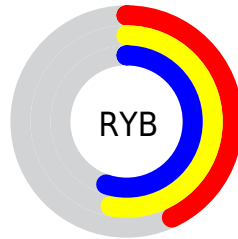
Distribution



Red (43%)

Green (55%)

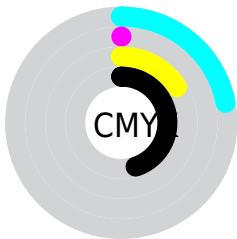
Blue (47%)



Red (43%)

Yellow (53%)

Blue (55%)

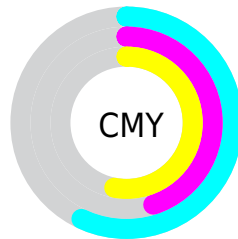


Cyan (22%)

Magenta (0%)

Yellow (16%)

Black (45%)



Cyan (57%)

Magenta (45%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the YUV color 129.2230, -5.0399, -16.8586 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 129.2230, -5.0399, -16.8586 by changing the saturation by 10% instead.

■ 129.2230, -5.0399,
-16.8586

■ 129.2230, -5.0399,
-16.8586

■ 255.0000, 0.0000,
0.0000

■ 103.6360, -4.7505,
-16.3438

■ 182.3970, -5.6187,
-17.8882

■ 80.0490, -4.4612,
-15.8290

■ 209.9840, -5.9081,
-18.4030

■ 56.4620, -4.1718,
-15.3142

■ 238.0980, -5.4713,
-18.5029

■ 34.5760, -3.7350,
-15.4142

■ 252.3090, 1.3267,
-5.5330

■ 14.6750, -7.2348,
-12.8700

■ 0.0000, 0.0000,
0.0000

■ 129.2230, -5.0399,
-16.8586

■ 129.2230, -5.0399,
-16.8586

■ 123.8970, -7.3442,
-24.4657

■ 134.5490, -2.7357,
-9.2515

■ 118.5710, -9.6485,
-32.0728

■ 139.8750, -0.4314,
-1.6444

■ 113.2450,
-11.9528, -39.6799

■ 145.2010, 1.8729,
5.9627

■ 107.9190,
-14.2571, -47.2870

■ 150.5270, 4.1772,
13.5698

■ 102.5930,
-16.5613, -54.8941

■ 156.1520, 6.3341,
21.7917

■ 96.9680, -18.7182,
-63.1159

■ 161.4780, 8.6383,
29.3988

■ 91.6420, -21.0225,
-70.7230

■ 166.8040, 10.9426,
37.0059

■ 87.4410, -22.8954,

■ 172.1300, 13.2469,

-76.6858

44.6130

■ 177.4560, 15.5512,
52.2201

Harmonies

Analogous

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



131.2910, -11.4825, -3.7632



129.2230, -5.0399, -16.8586



127.3340, 3.2863, -27.4799

Triad

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



129.2230, -5.0399, -16.8586



132.9240, 15.3205, -13.9653



135.5750, -8.6645, 25.8057

Complementary

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



129.2230, -5.0399, -16.8586



121.7770, 5.0399, 16.8586

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.



136.3990, -1.6757, 24.2061



129.2230, -5.0399, -16.8586



135.1110, 11.7773, 2.5337

Square

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



129.2230, -5.0399, -16.8586



129.4340, 15.0690, -26.6906



136.5920, 5.6241, 16.1438



134.2770, -13.4476, 19.9281

Rectangle

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



129.2230, -5.0399, -16.8586



127.0930, 8.8282, -31.6536



136.5920, 5.6241, 16.1438



135.5580, -6.1911, 25.8206

Sweetspot

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



129.2230, -5.0399, -16.8586



178.9730, -2.4517, -6.9923



134.7750, -12.2141, -2.4337



89.0380, -1.0047, -4.4183



219.0000, 0.0000, 0.0000



92.0000, 0.0000, 0.0000

Same Dimension

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



129.2230, -5.0399, -16.8586



165.7720, -7.7756, -26.1100



130.9330, 1.5120, -18.3582



68.3370, -1.1521, -3.8035



83.6910, -22.0327, -73.3970



4.9240, -1.4415, -4.3183

Inverse Universe

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



121.7770, 5.0399, 16.8586



154.2280, 7.7756, 26.1100



120.0670, -1.5120, 18.3582



66.6630, 1.1521, 3.8035



51.3090, 22.0327, 73.3970



2.9620, 1.0047, 4.4183

Previews

White Background



This preview shows how the YUV color 129.2230, -5.0399, -16.8586 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 129.2230, -5.0399, -16.8586 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 129.2230, -5.0399, -16.8586

Background



This preview shows how black text looks on a background with the YUV color 129.2230, -5.0399, -16.8586.



This preview shows how white text looks on a background with the YUV color 129.2230, -5.0399, -16.8586.

-16.8586.

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

129.2230, -5.0399, -16.8586

Protanopia

133.0410, -8.8942, 6.1030

Deuteranopia

134.4810, -6.1531, 13.6102



Tritanopia

131.6760, 8.0477, -14.6249

Trichromacy



Original Color

129.2230, -5.0399, -16.8586

Protanomaly

131.6270, -7.7041, -2.3039

Deuteranomaly

132.2300, -5.5364, 2.4293

Tritanomaly

130.4110, 3.2484, -15.2694

Monochromacy



Original Color

129.2230, -5.0399, -16.8586

Achromatopsia

129.0000, 0.0000, 0.0000

Achromatomaly

128.7990, -1.8729, -5.9627

CSS Examples

Text

The CSS property to change the color of the text to YUV 129.2230, -5.0399, -16.8586 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(110, 141, 119)` looks like.

```
.text, #text, p{  
    color:rgb(110, 141, 119)  
}
```

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(110, 141, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 141, 119) }
```

Border

The CSS property to change the border of an element to YUV 129.2230, -5.0399, -16.8586 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(110, 141, 119) }
```


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

```
.border{ border-color:rgb(110, 141, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(110, 141, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(110, 141, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(110, 141, 119);  
box-shadow:4px 4px 4px 4px rgb(110, 141,  
119) }
```

Background

The CSS property to change the background color of an element to YUV 129.2230, -5.0399, -16.8586 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 141, 119) }
```

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

```
.background{ background-color: rgb(110,  
141, 119) }
```

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