

Converting Colors

YUV(125.6470, -4.7560,
-14.5994)

Have a look what the booklet for
YUV(125.6470, -4.7560, -14.5994)
contains.

YUV(125.6470, -4.7560, -14.5994)	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(125.6470, -4.7560,
-14.5994)**

Conversions

Conversions Part 1

Format	Color
Hex	6D8874
RGB	109, 136, 116
RGB Percent	43%, 53%, 45%
CMY	0.5725, 0.4667, 0.5451
CMYK	0.20, 0.00, 0.15, 0.47
HSL	136°, 11%, 48%
HSV	136°, 20%, 53%
XYZ	18.2632, 22.1205, 19.8301
YIQ	125.6470, -9.6720, -11.9440

Conversions

Conversions Part 2

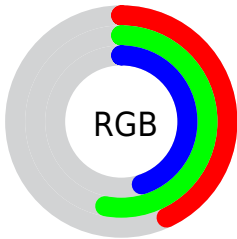
Format	Color
R_{YB}	109, 130, 136
Decimal	7178356
CIE _{Lab}	54.15, -13.87, 7.59
CIE _{LCh}	54, 15.807, 151.305
Yxy	22.1205, 0.3033, 0.3674
Android (android.graphics.Color)	4285368436 (0xFF6D8874)
YUV	125.6470, -4.7560, -14.5994
Hunter-Lab	47.0324, -12.9932, 7.9245

Details

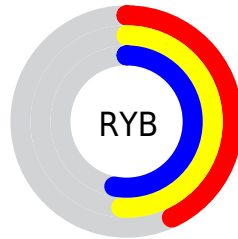
The YUV color $125.6470, -4.7560, -14.5994$ is a dark color, and the websafe version is hex 669999 . A complement of this color would be $119.3530, 4.7560, 14.5994$, and the grayscale version is $126.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $178.2340, -5.0454, -15.1142$, and $76.4730, -4.1772, -13.5698$ is the 20% darker color. If you saturate the color by 10%, you get $120.3210, -7.0603, -22.2065$, and if you desaturate by 10%, it is $130.9730, -2.4517, -6.9923$.

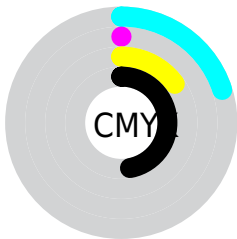
Distribution



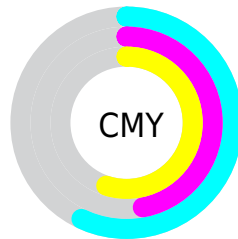
- Red (43%)
- Green (53%)
- Blue (45%)



- Red (43%)
- Yellow (51%)
- Blue (53%)



- Cyan (20%)
- Magenta (0%)
- Yellow (15%)
- Black (47%)



- Cyan (57%)
- Magenta (47%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the YUV color 125.6470, -4.7560, -14.5994 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 125.6470, -4.7560, -14.5994 by changing the saturation by 10% instead.


 125.6470, -4.7560,
-14.5994


 125.6470, -4.7560,
-14.5994

255.0000, 0.0000,
0.0000


 100.6470, -4.7560,
-14.5994


 178.2340, -5.0454,
-15.1142

 76.4730, -4.1772,
-13.5698


 205.8210, -5.3348,
-15.6290

 53.5870, -3.7404,
-13.6698

 234.4080, -5.6241,
-16.1438

 32.0000, -3.4510,
-13.1550

 251.3690, 0.3111,
-6.4626

 12.3270, -6.0772,
-10.8108

 0.0000, 0.0000,
0.0000

■ 125.6470, -4.7560,
-14.5994

■ 125.6470, -4.7560,
-14.5994

■ 120.3210, -7.0603,
-22.2065

■ 130.9730, -2.4517,
-6.9923

■ 115.2940, -9.5119,
-29.1988

■ 136.0000, 0.0000,
0.0000

■ 109.9680,
-11.8162, -36.8059

■ 141.3260, 2.3043,
7.6071

■ 104.9410,
-14.2679, -43.7983

■ 146.3530, 4.7560,
14.5994

■ 99.6150, -16.5722,
-51.4054

■ 151.6790, 7.0603,
22.2065

■ 94.2890, -18.8765,
-59.0125

■ 157.0050, 9.3645,
29.8136

■ 89.1480, -21.7650,
-65.9048

■ 162.1460, 12.2530,
36.7060

■ 83.8220, -24.0692,

■ 167.4720, 14.5573,

-73.5119

44.3131

■ 172.4990, 17.0090,
51.3054

Harmonies

Analogous

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



127.2310, -10.4669, -2.8336



125.6470, -4.7560, -14.5994



124.2420, 2.8387, -23.8912

Triad

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



125.6470, -4.7560, -14.5994



128.4790, 13.5679, -11.8211



131.1940, -7.4906, 22.6319

Complementary

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



125.6470, -4.7560, -14.5994



119.3530, 4.7560, 14.5994

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.



131.7900, -1.3755, 21.2322



125.6470, -4.7560, -14.5994



131.1710, 10.7617, 1.6040

Square

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



125.6470, -4.7560, -14.5994



125.7010, 13.4584, -23.4168



132.1680, 5.3402, 13.8847



130.0210, -11.8424, 18.3986

Rectangle

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



125.6470, -4.7560, -14.5994



124.0720, 7.3595, -27.2501



132.1680, 5.3402, 13.8847



131.3620, -5.6015, 23.3615

Sweetspot

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



125.6470, -4.7560, -14.5994



171.7990, -1.8729, -5.9627



130.8290, -10.7617, -1.6040



86.7500, -0.8628, -3.2887



217.0000, 0.0000, 0.0000



89.0000, 0.0000, 0.0000

Same Dimension

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



125.6470, -4.7560, -14.5994



159.9080, -7.3496, -22.7213



127.1290, 0.9224, -15.8991



66.3370, -1.1521, -3.8035



81.9470, -23.6379, -71.8675



3.0490, -1.0102, -2.6740

Inverse Universe

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



119.3530, 4.7560, 14.5994



150.0920, 7.3496, 22.7213



117.8710, -0.9224, 15.8991



64.6630, 1.1521, 3.8035



50.9390, 23.2011, 71.9675



1.9510, 1.0102, 2.6740

Previews

White Background



This preview shows how the YUV color 125.6470, -4.7560, -14.5994 looks on a white background.

Color Contrast Check

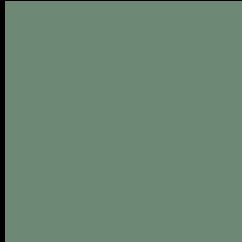
Large Text (above 18pt) WCAG AA ✓ Pass

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 125.6470, -4.7560, -14.5994 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 125.6470, -4.7560, -14.5994 Background



This preview shows how black text looks on a background with the YUV color 125.6470, -4.7560, -14.5994.



This preview shows how white text looks on a background with the YUV color 125.6470, -4.7560,

-14.5994.

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

125.6470, -4.7560, -14.5994

Protanopia

128.8560, -8.3100, 5.3883

Deuteranopia

130.4810, -6.1531, 13.6102



Tritanopia

127.8720, 7.4581, -12.1657

Trichromacy



Original Color

125.6470, -4.7560, -14.5994

Protanomaly

128.0400, -7.4147, -1.7891

Deuteranomaly

128.8280, -5.8312, 3.6588

Tritanomaly

126.7210, 3.0955, -12.9103

Monochromacy



Original Color

125.6470, -4.7560, -14.5994

Achromatopsia

126.0000, 0.0000, 0.0000

Achromatomaly

126.0980, -2.0203, -5.3479

CSS Examples

Text

The CSS property to change the color of the text to YUV 125.6470, -4.7560, -14.5994 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(109, 136, 116)` looks like.

```
.text, #text, p{  
    color:rgb(109, 136, 116)  
}
```

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(109, 136, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(109, 136, 116) }
```

Border

The CSS property to change the border of an element to YUV 125.6470, -4.7560, -14.5994 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(109, 136, 116) }
```


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

```
.border{ border-color:rgb(109, 136, 116) }
```

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

Here you see how a box with a 4 pixel `rgb(109, 136, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(109, 136, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(109, 136, 116);  
box-shadow:4px 4px 4px 4px rgb(109, 136,  
116) }
```

Background

The CSS property to change the background color of an element to YUV 125.6470, -4.7560, -14.5994 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(109, 136, 116) }
```

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

```
.background{ background-color: rgb(109,  
136, 116) }
```

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