

Converting Colors

YUV(124.2000, -0.0986,
-15.0844)

Have a look what the booklet for
YUV(124.2000, -0.0986, -15.0844)
contains.

YUV(124.2000, -0.0986, -15.0844)	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(124.2000, -0.0986,
-15.0844)**

Conversions

Conversions Part 1

Format	Color
Hex	6B857C
RGB	107, 133, 124
RGB Percent	42%, 52%, 49%
CMY	0.5804, 0.4784, 0.5137
CMYK	0.20, 0.00, 0.07, 0.48
HSL	159°, 11%, 47%
HSV	159°, 20%, 52%
XYZ	18.0890, 21.3561, 22.2375
YIQ	124.2000, -12.6070, -8.3110

Conversions

Conversions Part 2

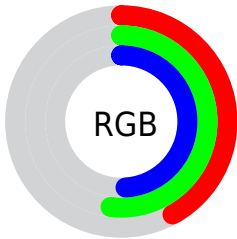
Format	Color
RYB	107, 123, 133
Decimal	7046524
CIELab	53.34, -11.26, 1.77
CIElCh	53, 11.400, 171.086
Yxy	21.3561, 0.2933, 0.3462
Android (android.graphics.Color)	4285236604 (0xFF6B857C)
YUV	124.2000, -0.0986, -15.0844
Hunter-Lab	46.2127, -11.0019, 3.8185

Details

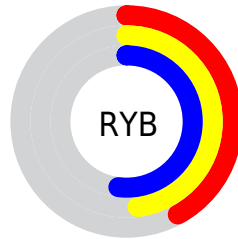
The YUV color $124.2000, -0.0986, -15.0844$ is a dark color, and the websafe version is hex 669999 . A complement of this color would be $115.8000, 0.0986, 15.0844$, and the grayscale version is $124.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $176.7870, -0.3880, -15.5992$, and $74.9120, 0.0434, -13.9548$ is the 20% darker color. If you saturate the color by 10%, you get $119.7430, -0.3663, -22.5766$, and if you desaturate by 10%, it is $128.6570, 0.1691, -7.5922$.

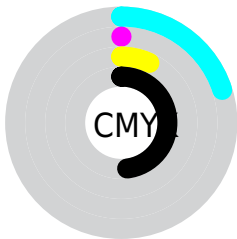
Distribution



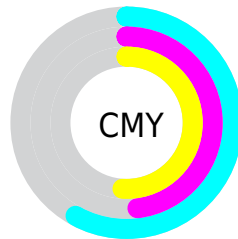
- Red (42%)
- Green (52%)
- Blue (49%)



- Red (42%)
- Yellow (48%)
- Blue (52%)



- Cyan (20%)
- Magenta (0%)
- Yellow (7%)
- Black (48%)



- Cyan (58%)
- Magenta (48%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the YUV color 124.2000, -0.0986, -15.0844 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 124.2000, -0.0986, -15.0844 by changing the saturation by 10% instead.

124.2000, -0.0986,
-15.0844

124.2000, -0.0986,
-15.0844

255.0000, 0.0000,
0.0000

99.4990, -0.2460,
-14.4696

176.7870, -0.3880,
-15.5992

74.9120, 0.0434,
-13.9548

204.4880, -0.2406,
-16.2140

52.3250, 0.3328,
-13.4400

232.4880, -0.2406,
-16.2140

30.4390, 0.7696,
-13.5400

251.1130, 1.9163,
-7.9921

11.9510, -2.4408,
-10.4810

0.0000, 0.0000,
0.0000

■ 124.2000, -0.0986,
-15.0844

■ 124.2000, -0.0986,
-15.0844

■ 119.7430, -0.3663,
-22.5766

■ 128.6570, 0.1691,
-7.5922

■ 115.1010, -0.0498,
-30.7836

■ 133.2990, -0.1474,
0.6148

■ 110.6440, -0.3175,
-38.2758

■ 137.7560, 0.1203,
8.1070

■ 106.3010, -0.1484,
-45.8680

■ 142.0990, -0.0488,
15.6992

■ 101.8440, -0.4161,
-53.3602

■ 146.8550, 0.0715,
23.8062

■ 97.0880, -0.5364,
-61.4672

■ 151.3120, 0.3392,
31.2984

■ 92.7450, -0.3673,
-69.0594

■ 155.6550, 0.1701,
38.8906

■ 88.2880, -0.6350,

■ 160.1120, 0.4378,

-76.5516

46.3828

■ 87.9890, -0.4876,
-77.1664

■ 164.7540, 0.1213,
54.5897

Harmonies

Analogous

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



125.5770, -5.2145, -7.5220



124.2000, -0.0986, -15.0844



123.8450, 5.0064, -19.1581

Triad

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



124.2000, -0.0986, -15.0844



128.2800, 8.7360, -1.9996



128.7370, -7.7583, 15.1397

Complementary

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



124.2000, -0.0986, -15.0844



115.8000, 0.0986, 15.0844

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.



129.0730, -3.9800, 16.5990



124.2000, -0.0986, -15.0844



129.1240, 5.3619, 6.9073

Square

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



124.2000, -0.0986, -15.0844



126.1540, 9.7841, -11.5361



129.6150, 0.6828, 14.3696



127.5360, -9.6312, 9.1769

Rectangle

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



124.2000, -0.0986, -15.0844



124.2410, 7.7692, -18.6284



129.6150, 0.6828, 14.3696



128.6770, -6.7428, 16.0693

Sweetspot

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



124.2000, -0.0986, -15.0844



169.6680, 0.1637, -5.8478



124.9530, -8.8508, -7.8518



84.9780, 0.0108, -3.4887



214.0000, 0.0000, 0.0000



87.0000, 0.0000, 0.0000

Same Dimension

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



124.2000, -0.0986, -15.0844



159.8570, 0.0705, -22.6766



122.8780, 4.9901, -13.9250



63.9780, 0.0108, -3.4887



86.0000, -0.4930, -75.4220



1.9890, 0.0054, -1.7444

Inverse Universe

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



115.8000, 0.0986, 15.0844



147.1430, -0.0705, 22.6766



117.1220, -4.9901, 13.9250



62.0220, -0.0108, 3.4887



44.0000, 0.4930, 75.4220



1.0110, -0.0054, 1.7444

Previews

White Background



This preview shows how the YUV color 124.2000, -0.0986, -15.0844 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 124.2000, -0.0986, -15.0844 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

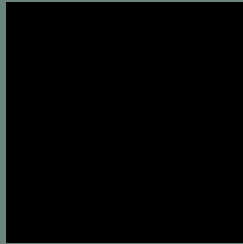
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 124.2000, -0.0986, -15.0844

Background



This preview shows how black text looks on a background with the YUV color 124.2000, -0.0986, -15.0844.



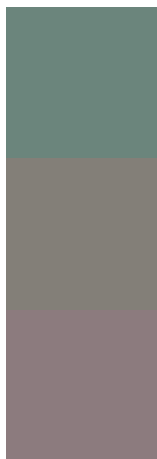
This preview shows how white text looks on a background with the YUV color 124.2000, -0.0986, -15.0844.

-15.0844.

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

124.2000, -0.0986, -15.0844

Protanopia

127.3980, -3.6472, 3.1590

Deuteranopia

128.4250, -1.1955, 10.1513



Tritanopia

125.2740, 7.7529, -13.3953

Trichromacy



Original Color

124.2000, -0.0986, -15.0844

Protanomaly

125.9950, -2.4625, -3.5036

Deuteranomaly

127.0710, -1.0210, 0.8147

Tritanomaly

124.8780, 4.9901, -13.9250

Monochromacy



Original Color

124.2000, -0.0986, -15.0844

Achromatopsia

124.0000, 0.0000, 0.0000

Achromatomaly

123.9670, 0.0163, -5.2331

CSS Examples

Text

The CSS property to change the color of the text to YUV 124.2000, -0.0986, -15.0844 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(107, 133, 124)` looks like.

```
.text, #text, p{  
    color:rgb(107, 133, 124)  
}
```

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(107, 133, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 133, 124) }
```

Border

The CSS property to change the border of an element to YUV 124.2000, -0.0986, -15.0844 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(107, 133, 124) }
```


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

```
.border{ border-color:rgb(107, 133, 124) }
```

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

Here you see how a box with a 4 pixel rgb(107, 133, 124) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(107, 133, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(107, 133, 124);  
box-shadow:4px 4px 4px 4px rgb(107, 133,  
124) }
```

Background

The CSS property to change the background color of an element to YUV 124.2000, -0.0986, -15.0844 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 133, 124) }
```

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

```
.background{ background-color: rgb(107,  
133, 124) }
```

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