

Converting Colors

YUV(124.9830, -4.4286,
-26.2951)

Have a look what the booklet for
YUV(124.9830, -4.4286, -26.2951)
contains.

YUV(124.9830, -4.4286, -26.2951)	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(124.9830, -4.4286,
-26.2951)**

Conversions

Conversions Part 1	
Format	Color
Hex	5F8E74
RGB	95, 142, 116
RGB Percent	37%, 56%, 45%
CMY	0.6275, 0.4431, 0.5451
CMYK	0.33, 0.00, 0.18, 0.44
HSL	147°, 20%, 46%
HSV	147°, 33%, 56%
XYZ	17.5447, 23.0399, 20.0454
YIQ	124.9830, -19.6660, -18.0500

Conversions

Conversions Part 2

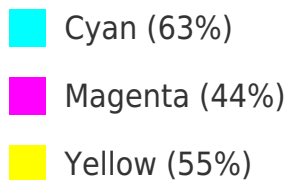
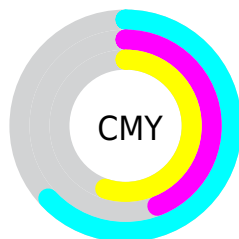
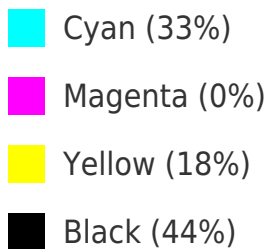
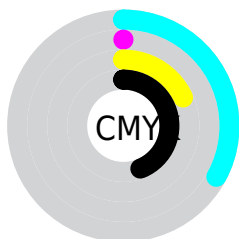
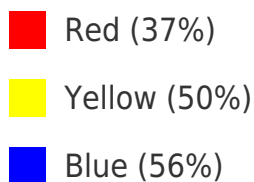
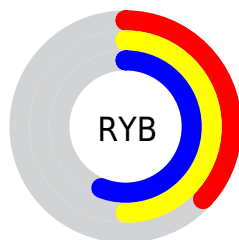
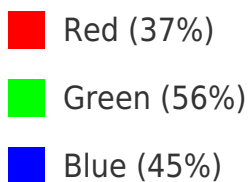
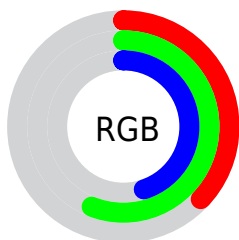
Format	Color
RYB	95, 127, 142
Decimal	6262388
CIELab	55.11, -21.83, 8.83
CIELCh	55, 23.552, 157.971
Yxy	23.0399, 0.2894, 0.3800
Android (android.graphics.Color)	4284452468 (0xFF5F8E74)
YUV	124.9830, -4.4286, -26.2951
Hunter-Lab	47.9998, -18.7552, 8.8395

Details

The YUV color **124.9830, -4.4286, -26.2951** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **112.0170, 4.4286, 26.2951**, and the grayscale version is **125.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **178.1570, -5.0074, -27.3247**, and **74.9230, -3.4130, -25.3655** is the 20% darker color. If you saturate the color by 10%, you get **119.8850, -5.8593, -34.1021**, and if you desaturate by 10%, it is **130.0810, -2.9979, -18.4880**.

Distribution



Brightness & Saturation

Gradients


These gradients show how the YUV color 124.9830, -4.4286, -26.2951 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 124.9830, -4.4286, -26.2951 by changing the saturation by 10% instead.


 124.9830, -4.4286,
-26.2951

 124.9830, -4.4286,
-26.2951


255.0000, 0.0000,
0.0000


 99.3960, -4.1392,
-25.7803


 178.1570, -5.0074,
-27.3247


 74.9230, -3.4130,
-25.3655


 205.7440, -5.2968,
-27.8395


 51.7380, -2.8288,
-26.0802

 234.3310, -5.5862,
-28.3543


 29.2650, -2.1026,
-25.6654

 247.1830, 2.3748,
-15.0695


 15.2620, -7.5242,
-13.3848

 0.0000, 0.0000,
0.0000

 124.9830, -4.4286,
-26.2951

 124.9830, -4.4286,
-26.2951

 119.8850, -5.8593,
-34.1021

 130.0810, -2.9979,
-18.4880

 114.7870, -7.2900,
-41.9092


 135.1790, -1.5672,
-10.6810


 109.3900, -8.5733,
-50.3310


 140.5760, -0.2840,
-2.2592

 104.4060, -9.5672,
-58.2381


 145.5600, 0.7099,
5.6479

 99.3080, -10.9978,
-66.0451

 150.6580, 2.1406,
13.4549

 94.2100, -12.4285,
-73.8522

 155.7560, 3.5713,
21.2620

 90.5360, -13.5752,
-79.4001

 160.8540, 5.0020,
29.0690

 166.2510, 6.2853,

37.4909

■ 171.3490, 7.7159,
45.2979

Harmonies

Analogous

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



127.8730, -14.2344, -7.7816



124.9830, -4.4286, -26.2951



121.9840, 7.4029, -41.2050

Triad

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



124.9830, -4.4286, -26.2951



131.1780, 20.1252, -15.0651



133.8810, -12.7593, 32.5534

Complementary

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



124.9830, -4.4286, -26.2951



112.0170, 4.4286, 26.2951

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.



134.5850, -3.7394, 32.8130



124.9830, -4.4286, -26.2951



134.5290, 14.5292, 6.5521

Square

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



124.9830, -4.4286, -26.2951



125.6870, 21.3533, -35.6825



135.4620, 6.1812, 24.1508



132.6320, -18.5526, 24.0017

Rectangle

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



124.9830, -4.4286, -26.2951



121.3730, 14.1131, -46.8081



135.4620, 6.1812, 24.1508



133.9890, -9.8546, 34.2126

Sweetspot

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



124.9830, -4.4286, -26.2951



177.0650, -2.0040, -10.5810



130.6620, -17.5814, -7.5966



88.0270, -0.9993, -6.1627



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.



124.9830, -4.4286, -26.2951



157.2000, -7.0006, -41.3944



127.6050, 5.6177, -28.5946



68.4510, -0.7153, -3.9035



86.0850, -12.8599, -75.4965



5.0380, -1.0047, -4.4183

Inverse Universe

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



112.0170, 4.4286, 26.2951



136.8000, 7.0006, 41.3944



109.3950, -5.6177, 28.5946



66.5490, 0.7153, 3.9035



48.9150, 12.8599, 75.4965



2.8480, 0.5679, 4.5183

Previews

White Background



This preview shows how the YUV color 124.9830, -4.4286, -26.2951 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 124.9830, -4.4286, -26.2951 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 124.9830, -4.4286, -26.2951

Background



This preview shows how black text looks on a background with the YUV color 124.9830, -4.4286, -26.2951.



This preview shows how white text looks on a background with the YUV color 124.9830, -4.4286,

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

124.9830, -4.4286, -26.2951

Protanopia

130.8130, -9.7678, 6.3030

Deuteranopia



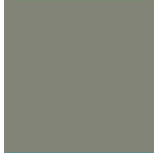

132.6660, -6.7373, 14.3249






Tritanopia

128.4900, 10.1114, -23.2317

Trichromacy

	Original Color 124.9830, -4.4286, -26.2951
	Protanomaly 128.6050, -7.6933, -5.7926
	Deuteranomaly 129.5070, -5.6730, -0.4446
	Tritanomaly 126.8120, 5.0227, -24.3911

Monochromacy

	Original Color 124.9830, -4.4286, -26.2951
	Achromatopsia 125.0000, 0.0000, 0.0000
	Achromatomaly 124.8910, -1.4253, -9.5514

CSS Examples

Text

The CSS property to change the color of the text to YUV 124.9830, -4.4286, -26.2951 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(95, 142, 116)` looks like.

```
.text, #text, p{  
    color:rgb(95, 142, 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(95, 142, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 142, 116) }
```

Border

The CSS property to change the border of an element to YUV 124.9830, -4.4286, -26.2951 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(95, 142, 116) }
```


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

```
.border{ border-color:rgb(95, 142, 116) }
```

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

Here you see how a box with a 4 pixel rgb(95, 142, 116) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(95, 142, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(95, 142, 116);  
box-shadow:4px 4px 4px 4px rgb(95, 142,  
116) }
```

Background

The CSS property to change the background color of an element to YUV 124.9830, -4.4286, -26.2951 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(95, 142, 116) }
```

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

```
.background{ background-color: rgb(95, 142,  
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