

Converting Colors

YUV(123.8770, -10.2924,
-12.1701)

Have a look what the booklet for
YUV(123.8770, -10.2924, -12.1701)
contains.

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Color

**YUV(123.8770, -10.2924,
-12.1701)**

Conversions

Conversions Part 1

Format	Color
Hex	6E8767
RGB	110, 135, 103
RGB Percent	43%, 53%, 40%
CMY	0.5686, 0.4706, 0.5961
CMYK	0.19, 0.00, 0.24, 0.47
HSL	107°, 13%, 47%
HSV	107°, 24%, 53%
XYZ	17.5426, 21.6222, 16.0809
YIQ	123.8770, -4.6280, -15.2520

Conversions

Conversions Part 2

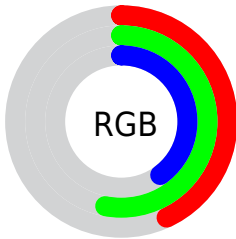
Format	Color
R_{YB}	103, 135, 128
Decimal	7243623
CIE _{Lab}	53.62, -15.42, 14.32
CIE _{LCh}	54, 21.049, 137.119
Yxy	21.6222, 0.3175, 0.3914
Android (android.graphics.Color)	4285433703 (0xFF6E8767)
YUV	123.8770, -10.2924, -12.1701
Hunter-Lab	46.4997, -14.0332, 12.0457

Details

The YUV color **123.8770, -10.2924, -12.1701** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **114.1230, 10.2924, 12.1701**, and the grayscale version is **124.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **176.3500, -11.0185, -12.5849**, and **74.8170, -9.2768, -11.2405** is the 20% darker color. If you saturate the color by 10%, you get **119.1060, -14.3493, -17.6330**, and if you desaturate by 10%, it is **128.7620, -5.7987, -6.8073**.

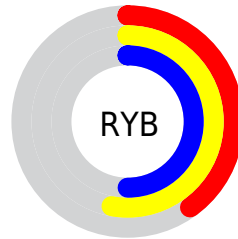
Distribution



Red (43%)

Green (53%)

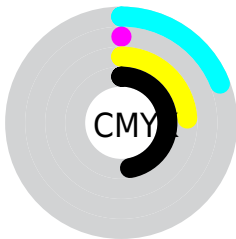
Blue (40%)



Red (40%)

Yellow (53%)

Blue (50%)

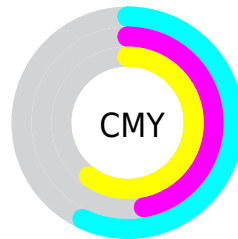


Cyan (19%)

Magenta (0%)

Yellow (24%)

Black (47%)



Cyan (57%)

Magenta (47%)

Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the YUV color 123.8770, -10.2924, -12.1701 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 123.8770, -10.2924, -12.1701 by changing the saturation by 10% instead.

■ 123.8770,
-10.2924, -12.1701

■ 123.8770,
-10.2924, -12.1701

■ 255.0000, 0.0000,
0.0000

■ 98.9910, -9.8556,
-12.2701

■ 176.3500,
-11.0185, -12.5849

■ 74.8170, -9.2768,
-11.2405

■ 203.9370,
-11.3079, -13.0997

■ 51.9310, -8.8400,
-11.3405

■ 232.5240,
-11.5973, -13.6145

■ 30.3440, -8.5506,
-10.8257

■ 250.2570, -6.5357,
-3.7334

■ 12.3270, -6.0772,
-10.8108

■ 0.0000, 0.0000,
0.0000

■ 123.8770,
-10.2924, -12.1701

■ 123.8770,
-10.2924, -12.1701

■ 119.1060,
-14.3493, -17.6330

■ 128.7620, -5.7987,
-6.8073

■ 114.5200,
-18.9904, -22.3810

■ 133.2340, -1.5944,
-1.9592

■ 109.7490,
-23.0473, -27.8439

■ 138.1190, 2.8993,
3.4036

■ 105.1630,
-27.6884, -32.5920

■ 142.5910, 7.1036,
8.2517

■ 100.3920,
-31.7453, -38.0548

■ 147.4760, 11.5973,
13.6145

■ 95.8060, -36.3864,
-42.8029

■ 151.9480, 15.8016,
18.4626

■ 91.0350, -40.4433,
-48.2657


■ 156.8330, 20.2953,
23.8255

■ 88.2150, -43.4900,

■ 161.3050, 24.4996,

-51.0546

28.6735

 166.1900, 28.9933,
34.0364

Harmonies

Analogous

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



126.0810, -16.3089, 4.3140



123.8770, -10.2924, -12.1701



121.4820, -1.2236, -27.6097

Triad

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



123.8770, -10.2924, -12.1701



124.4710, 18.9948, -25.8461



130.2920, -6.0600, 30.4389

Complementary

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



123.8770, -10.2924, -12.1701



114.1230, 10.2924, 12.1701

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.



131.2510, 2.8343, 24.3359



123.8770, -10.2924, -12.1701



128.4240, 17.0460, -7.3878

Square

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



123.8770, -10.2924, -12.1701



120.4110, 16.5594, -38.0714



130.9380, 10.8766, 11.4554



129.6200, -13.6167, 27.5203

Rectangle

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



123.8770, -10.2924, -12.1701



119.6750, 6.0762, -35.6720



130.9380, 10.8766, 11.4554



130.6770, -3.2918, 29.2243

Sweetspot

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



123.8770, -10.2924, -12.1701



171.6420, -3.7675, -4.9480



127.2430, -11.9518, 6.8029



86.7070, -2.3206, -2.3740



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.



123.8770, -10.2924, -12.1701



158.7530, -15.6542, -19.0774



122.8100, -5.3293, -17.3734



63.8210, -1.8838, -2.4740



84.6820, -41.7482, -49.7101



2.0600, -1.0156, -0.9296

Inverse Universe

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



114.1230, 10.2924, 12.1701



143.9480, 15.8016, 18.4626



115.1900, 5.3293, 17.3734



62.1790, 1.8838, 2.4740



45.3180, 41.7482, 49.7101



0.9400, 1.0156, 0.9296

Previews

White Background



This preview shows how the YUV color 123.8770, -10.2924, -12.1701 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 123.8770, -10.2924, -12.1701 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 123.8770, -10.2924, -12.1701 Background



This preview shows how black text looks on a background with the YUV color 123.8770, -10.2924, -12.1701.



This preview shows how white text looks on a background with the YUV color 123.8770, -10.2924, -12.1701.

-12.1701.

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

123.8770, -10.2924, -12.1701

Protanopia

127.2000, -13.4096, 7.7176

Deuteranopia

128.5370, -11.1107, 17.0691



Tritanopia

126.9540, 6.4317, -9.6067

Trichromacy



Original Color

123.8770, -10.2924, -12.1701

Protanomaly

126.3840, -12.5143, 0.5402

Deuteranomaly

126.5850, -10.6414, 6.5030

Tritanomaly

126.0480, 0.4693, -10.5661

Monochromacy



Original Color

123.8770, -10.2924, -12.1701

Achromatopsia

124.0000, 0.0000, 0.0000

Achromatomaly

123.9410, -3.9149, -4.3333

CSS Examples

Text

The CSS property to change the color of the text to YUV 123.8770, -10.2924, -12.1701 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, 135, 103)` looks like.

```
.text, #text, p{  
    color:rgb(110, 135, 103)  
}
```

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, 135, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 135, 103) }
```

Border

The CSS property to change the border of an element to YUV 123.8770, -10.2924, -12.1701 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, 135, 103) }
```


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

```
.border{ border-color:rgb(110, 135, 103) }
```

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

Here you see how a box with a 4 pixel `rgb(110, 135, 103)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(110, 135, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(110, 135, 103);  
box-shadow:4px 4px 4px 4px rgb(110, 135,  
103) }
```

Background

The CSS property to change the background color of an element to YUV 123.8770, -10.2924, -12.1701 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 135, 103) }
```

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

```
.background{ background-color: rgb(110,  
135, 103) }
```

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](#).

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