

Converting Colors

YUV(123.5950, -5.7163,
13.5102)

Have a look what the booklet for
YUV(123.5950, -5.7163, 13.5102)
contains.

YUV(123.5950, -5.7163, 13.5102)	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(123.5950, -5.7163,
13.5102)**

Conversions

Conversions Part 1	
Format	Color
Hex	8B7670
RGB	139, 118, 112
RGB Percent	55%, 46%, 44%
CMY	0.4549, 0.5373, 0.5608
CMYK	0.00, 0.15, 0.19, 0.45
HSL	13°, 11%, 49%
HSV	13°, 19%, 55%
XYZ	20.0505, 19.6157, 18.0587
YIQ	123.5950, 14.4420, 2.5860

Conversions

Conversions Part 2

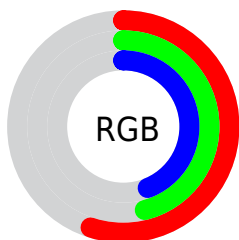
Format	Color
RYB	139, 120, 112
Decimal	9139824
CIELab	51.40, 7.13, 6.32
CIELCh	51, 9.528, 41.567
Yxy	19.6157, 0.3473, 0.3398
Android (android.graphics.Color)	4287329904 (0xFF8B7670)
YUV	123.5950, -5.7163, 13.5102
Hunter-Lab	44.2896, 3.3027, 6.8278

Details

The YUV color **123.5950, -5.7163, 13.5102** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **127.4050, 5.7163, -13.5102**, and the grayscale version is **124.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **176.1930, -6.0111, 14.7397**, and **74.9970, -5.4215, 12.2806** is the 20% darker color. If you saturate the color by 10%, you get **115.5420, -8.6482, 20.5727**, and if you desaturate by 10%, it is **131.6480, -2.7845, 6.4477**.

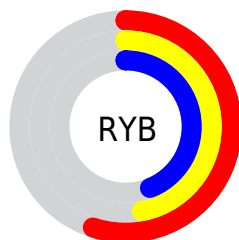
Distribution



Red (55%)

Green (46%)

Blue (44%)



Red (55%)

Yellow (47%)

Blue (44%)

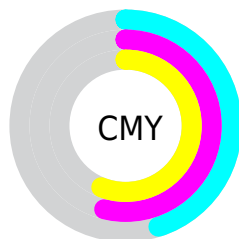


Cyan (0%)

Magenta (15%)

Yellow (19%)

Black (45%)



Cyan (45%)


Magenta (54%)

Yellow (56%)

Brightness & Saturation Gradients


These gradients show how the YUV color 123.5950, -5.7163, 13.5102 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 123.5950, -5.7163, 13.5102 by changing the saturation by 10% instead.


 123.5950, -5.7163,
13.5102


 123.5950, -5.7163,
13.5102


255.0000, 0.0000,
0.0000

 98.4100, -5.1321,
12.7954


 176.1930, -6.0111,
14.7397


 74.9970, -5.4215,
12.2806


 203.4920, -6.1586,
15.3545


 51.8120, -4.8373,
11.5659


 231.4920, -6.1586,
15.3545

 30.3280, -4.1057,
10.2363

 253.5010, -3.2050,
1.3146


 6.5780, -3.2430,
13.5251

 0.0000, 0.0000,
0.0000


 123.5950, -5.7163,
13.5102


 123.5950, -5.7163,
13.5102


 115.5420, -8.6482,
20.5727


 131.6480, -2.7845,
6.4477


 107.4890,
-11.5801, 27.6351


 139.7010, 0.1474,
-0.6148

 100.0230,
-14.8013, 34.1828


 147.1670, 3.3687,
-7.1625


 91.9700, -17.7332,
41.2453


 155.2200, 6.3005,
-14.2249

 84.0310, -20.2283,
48.2078

 163.2730, 9.2324,
-21.2874

 75.9780, -23.1602,
55.2703

 171.2120, 11.7275,
-28.2499

 67.9250, -26.0920,
62.3328


 179.2650, 14.6594,
-35.3124

 60.4590, -29.3133,

 186.7310, 17.8806,

68.8805

-41.8601

 59.7580, -29.4607,
69.4952

 194.7840, 20.8125,
-48.9226

Harmonies

Analogous

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



124.2190, -2.0800, 13.8399



123.5950, -5.7163, 13.5102



122.7040, -7.7421, 9.9066

Triad

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



123.5950, -5.7163, 13.5102



120.1790, -1.5672, -10.6810



122.6280, 7.5784, -4.0588

Complementary

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



123.5950, -5.7163, 13.5102



127.4050, 5.7163, -13.5102

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.



121.3990, 8.1843, -11.7509



123.5950, -5.7163, 13.5102



119.5960, 2.6642, -14.5547

Square

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



123.5950, -5.7163, 13.5102



120.5990, -5.2253, -4.0333



120.5080, 6.1586, -15.3545



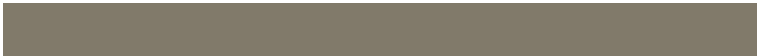
123.5150, 5.6621, 3.9333

Rectangle

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



123.5950, -5.7163, 13.5102



122.2690, -8.0206, 5.9031



120.5080, 6.1586, -15.3545



122.1330, 8.3154, -7.1326

Sweetspot

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



123.5950, -5.7163, 13.5102



175.0500, -2.4896, 5.2182



122.4670, 5.1928, 14.4994



88.2670, -1.6106, 3.2738



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.



123.5950, -5.7163, 13.5102



157.4280, -9.0850, 20.6726



131.2260, -9.4784, 6.8178



64.6800, -1.3212, 3.7886



56.7900, -27.9975, 66.8362



2.0820, -1.0264, 2.5591

Inverse Universe

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



127.4050, 5.7163, -13.5102



163.1590, 8.7956, -21.1874



119.7740, 9.4784, -6.8178



65.7330, 1.6106, -3.2738



75.6230, 28.2869, -66.3214



2.9180, 1.0264, -2.5591

Previews

White Background



This preview shows how the YUV color 123.5950, -5.7163, 13.5102 looks on a white background.

Color Contrast Check

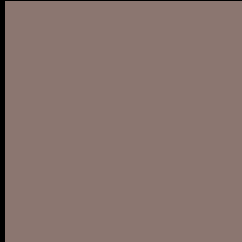
Large Text (above 18pt) WCAG AA ✓ Pass

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 123.5950, -5.7163, 13.5102 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

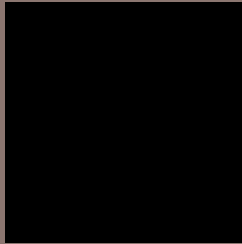
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 123.5950, -5.7163, 13.5102

Background



This preview shows how black text looks on a background with the YUV color 123.5950, -5.7163, 13.5102.



This preview shows how white text looks on a background with the YUV color 123.5950, -5.7163,

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

123.5950, -5.7163, 13.5102

Protanopia

122.5830, -4.2314, 3.8737

Deuteranopia

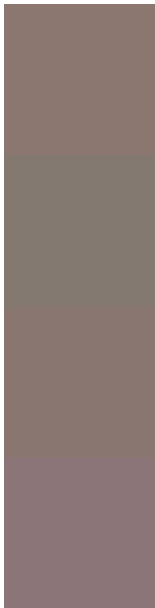
123.2960, -5.5689, 12.8954



Tritanopia

124.5010, 0.2460, 14.4696

Trichromacy



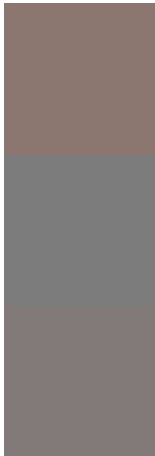
Original Color
123.5950, -5.7163, 13.5102

Protanomaly
123.0780, -4.9685, 6.9476

Deuteranomaly
123.2960, -5.5689, 12.8954

Tritanomaly
124.2190, -2.0800, 13.8399

Monochromacy



Original Color
123.5950, -5.7163, 13.5102

Achromatopsia
124.0000, 0.0000, 0.0000

Achromatomaly
123.8650, -1.9054, 4.5034

CSS Examples

Text

The CSS property to change the color of the text to YUV 123.5950, -5.7163, 13.5102 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(139, 118, 112)` looks like.

```
.text, #text, p{  
    color:rgb(139, 118, 112)  
}
```

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(139, 118, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 118, 112) }
```

Border

The CSS property to change the border of an element to YUV 123.5950, -5.7163, 13.5102 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(139, 118, 112) }
```


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

```
.border{ border-color:rgb(139, 118, 112) }
```

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

Here you see how a box with a 4 pixel rgb(139, 118, 112) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 118, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 118, 112);  
box-shadow:4px 4px 4px 4px rgb(139, 118,  
112) }
```

Background

The CSS property to change the background color of an element to YUV 123.5950, -5.7163, 13.5102 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 118, 112) }
```

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

```
.background{ background-color: rgb(139,  
118, 112) }
```

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