

Converting Colors

YUV(123.9290, 1.0210, -0.8147)

Have a look what the booklet for
YUV(123.9290, 1.0210, -0.8147)
contains.

YUV(123.9290, 1.0210, -0.8147)	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(123.9290, 1.0210,
-0.8147)**

Conversions

Conversions Part 1

Format	Color
Hex	7B7C7E
RGB	123, 124, 126
RGB Percent	48%, 49%, 49%
CMY	0.5176, 0.5137, 0.5059
CMYK	0.02, 0.02, 0.00, 0.51
HSL	220°, 1%, 49%
HSV	220°, 2%, 49%
XYZ	19.1419, 20.1326, 22.6158
YIQ	123.9290, -1.2380, 0.4100

Conversions

Conversions Part 2

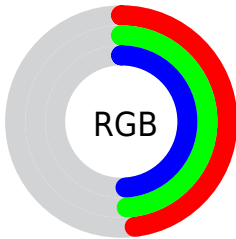
Format	Color
R_{YB}	123, 124, 126
Decimal	8092798
CIE Lab	51.99, 0.03, -1.23
CIE LCh	52, 1.226, 271.546
Yxy	20.1326, 0.3093, 0.3253
Android (android.graphics.Color)	4286282878 (0xFF7B7C7E)
YUV	123.9290, 1.0210, -0.8147
Hunter-Lab	44.8694, -2.3707, 1.5243

Details

The YUV color **123.9290, 1.0210, -0.8147** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **125.0710, -1.0210, 0.8147**, and the grayscale version is **124.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **176.0430, 1.4578, -0.9147**, and **74.9290, 1.0210, -0.8147** is the 20% darker color. If you saturate the color by 10%, you get **115.3460, 5.2524, -4.6884**, and if you desaturate by 10%, it is **132.5120, -3.2104, 3.0590**.

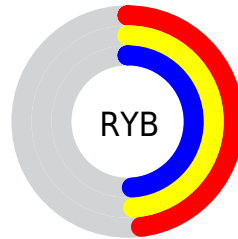
Distribution



Red (48%)

Green (49%)

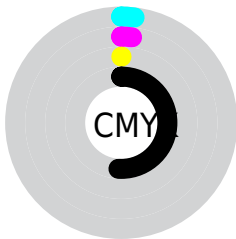
Blue (49%)



Red (48%)

Yellow (49%)

Blue (49%)

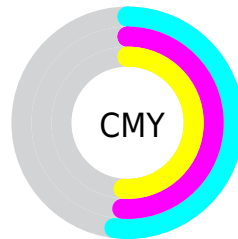


Cyan (2%)

Magenta (2%)

Yellow (0%)

Black (51%)



Cyan (52%)

Magenta (51%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the YUV color 123.9290, 1.0210, -0.8147 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 123.9290, 1.0210, -0.8147 by changing the saturation by 10% instead.

■ 123.9290, 1.0210,
-0.8147

■ 123.9290, 1.0210,
-0.8147

■ 255.0000, 0.0000,
0.0000

■ 98.9290, 1.0210,
-0.8147

■ 176.0430, 1.4578,
-0.9147

■ 74.9290, 1.0210,
-0.8147

■ 203.9290, 1.0210,
-0.8147

■ 52.8150, 0.5842,
-0.7148

■ 231.9290, 1.0210,
-0.8147

■ 31.8150, 0.5842,
-0.7148

■ 7.0430, 1.4578,
-0.9147

■ 0.0000, 0.0000,
0.0000

■ 123.9290, 1.0210,
-0.8147

■ 123.9290, 1.0210,
-0.8147

■ 115.3460, 5.2524,
-4.6884

■ 132.5120, -3.2104,
3.0590

■ 106.4750, 9.6258,
-7.4326

■ 141.3830, -7.5838,
5.8031

■ 97.8920, 13.8572,
-11.3063

■ 149.9660,
-11.8152, 9.6768

■ 89.0210, 18.2306,
-14.0504

■ 158.8370,
-16.1886, 12.4210

■ 80.4380, 22.4621,
-17.9241

■ 167.4200,
-20.4201, 16.2947

■ 71.8550, 26.6935,
-21.7978

■ 176.0030,
-24.6515, 20.1684

■ 62.9840, 31.0669,
-24.5420

■ 184.8740,
-29.0249, 22.9125

■ 54.4010, 35.2983,

■ 193.4570,

-28.4157

-33.2563, 26.7862

■ 45.5300, 39.6717,
-31.1598

■ 202.3280,
-37.6297, 29.5303

Harmonies

Analogous

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



123.6300, 1.1684, -1.4295



123.9290, 1.0210, -0.8147



124.2280, 0.8736, -0.2000

Triad

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



123.9290, 1.0210, -0.8147



123.8970, -0.4422, 1.8443



123.2880, -0.1420, -1.1296

Complementary

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



123.9290, 1.0210, -0.8147



125.0710, -1.0210, 0.8147

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.



123.7720, -0.8736, 0.2000



123.9290, 1.0210, -0.8147



124.3700, -1.1684, 1.4295

Square

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



123.9290, 1.0210, -0.8147



124.0110, -0.0054, 1.7444



124.0710, -1.0210, 0.8147



123.9890, 0.0054, -1.7444

Rectangle

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



123.9290, 1.0210, -0.8147



123.8260, 0.5788, 1.0296



124.0710, -1.0210, 0.8147



123.5870, -0.2894, -0.5148

Sweetspot

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



123.9290, 1.0210, -0.8147



162.1140, 0.4368, -0.1000



124.9890, 0.0054, -1.7444



81.1140, 0.4368, -0.1000



209.0000, 0.0000, 0.0000



82.0000, 0.0000, 0.0000

Same Dimension

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



123.9290, 1.0210, -0.8147



159.7440, 1.6052, -1.5295



123.6410, 1.1630, 0.3148



61.9290, 1.0210, -0.8147



39.2460, 43.7557, -34.4187



0.0000, 0.0000, 0.0000

Inverse Universe

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



124.0110, -0.0054, 1.7444



159.7230, 0.1366, 2.8739



125.6580, -1.3104, 0.2999



62.0110, -0.0054, 1.7444



43.0600, -0.5226, 74.4924



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YUV color 123.9290, 1.0210, -0.8147 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 123.9290, 1.0210, -0.8147 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

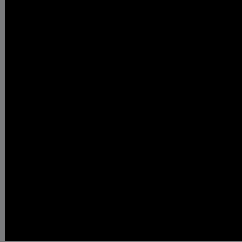
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

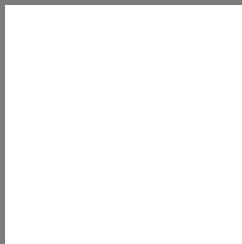
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 123.9290, 1.0210, -0.8147

Background



This preview shows how black text looks on a background with the YUV color 123.9290, 1.0210, -0.8147.



This preview shows how white text looks on a background with the YUV color 123.9290, 1.0210,

-0.8147.

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

123.9290, 1.0210, -0.8147

Protanopia

124.2390, 0.8682, 1.5444

Deuteranopia

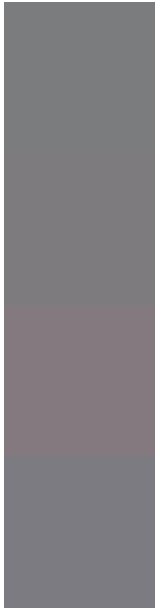
125.2830, 0.8465, 8.5218



Tritanopia

124.4390, 4.2206, -0.3850

Trichromacy



Original Color

123.9290, 1.0210, -0.8147

Protanomaly

123.9400, 1.0156, 0.9296

Deuteranomaly

124.6740, 1.1467, 5.5479

Tritanomaly

124.0970, 2.9102, -0.0851

Monochromacy



Original Color

123.9290, 1.0210, -0.8147

Achromatopsia

124.0000, 0.0000, 0.0000

Achromatomaly

124.1140, 0.4368, -0.1000

CSS Examples

Text

The CSS property to change the color of the text to YUV 123.9290, 1.0210, -0.8147 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(123, 124, 126)` looks like.

```
.text, #text, p{  
    color:rgb(123, 124, 126)  
}
```

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(123, 124, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(123, 124, 126) }
```

Border

The CSS property to change the border of an element to YUV 123.9290, 1.0210, -0.8147 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(123, 124, 126) }
```


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

```
.border{ border-color:rgb(123, 124, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(123, 124, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(123, 124, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(123, 124, 126);  
box-shadow:4px 4px 4px 4px rgb(123, 124,  
126) }
```

Background

The CSS property to change the background color of an element to YUV 123.9290, 1.0210, -0.8147 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(123, 124, 126) }
```

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

```
.background{ background-color: rgb(123,  
124, 126) }
```

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