

Converting Colors

YUV(127.2150, -12.9240,
-8.0816)

Have a look what the booklet for
YUV(127.2150, -12.9240, -8.0816)
contains.

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Color

**YUV(127.2150, -12.9240,
-8.0816)**

Conversions

Conversions Part 1

Format	Color
Hex	768965
RGB	118, 137, 101
RGB Percent	46%, 54%, 40%
CMY	0.5373, 0.4627, 0.6039
CMYK	0.14, 0.00, 0.26, 0.46
HSL	92°, 15%, 47%
HSV	92°, 26%, 54%
XYZ	18.7658, 22.6825, 15.7010
YIQ	127.2150, 0.2320, -15.2240

Conversions

Conversions Part 2

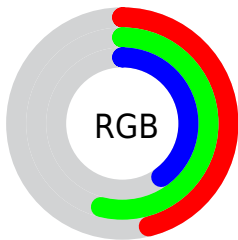
Format	Color
RYB	101, 137, 120
Decimal	7768421
CIELab	54.74, -13.78, 17.09
CIELCh	55, 21.958, 128.879
Yxy	22.6825, 0.3284, 0.3969
Android (android.graphics.Color)	4285958501 (0xFF768965)
YUV	127.2150, -12.9240, -8.0816
Hunter-Lab	47.6261, -13.0124, 13.7920

Details

The YUV color $127.2150, -12.9240, -8.0816$ is a dark color, and the websafe version is hex 999966 . A complement of this color would be $110.7850, 12.9240, 8.0816$, and the grayscale version is $127.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $179.6880, -13.6502, -8.4964$, and $77.8560, -11.7610, -7.7667$ is the 20% darker color. If you saturate the color by 10%, you get $123.5260, -18.0073, -10.9853$, and if you desaturate by 10%, it is $130.9040, -7.8407, -5.1778$.

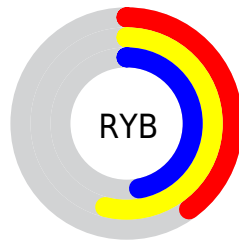
Distribution



Red (46%)

Green (54%)

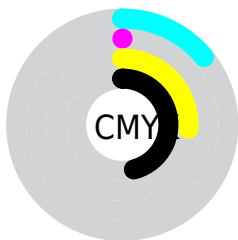
Blue (40%)



Red (40%)

Yellow (54%)

Blue (47%)

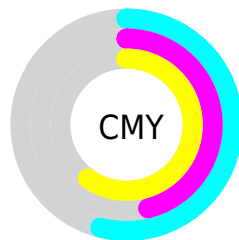


Cyan (14%)

Magenta (0%)

Yellow (26%)

Black (46%)



Cyan (54%)

Magenta (46%)

Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the YUV color 127.2150, -12.9240, -8.0816 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 127.2150, -12.9240, -8.0816 by changing the saturation by 10% instead.

■ 127.2150,
-12.9240, -8.0816

■ 127.2150,
-12.9240, -8.0816

■ 255.0000, 0.0000,
0.0000

■ 102.3290,
-12.4872, -8.1815

■ 179.6880,
-13.6502, -8.4964

■ 77.8560, -11.7610,
-7.7667

■ 207.5740,
-14.0870, -8.3964

■ 54.9700, -11.3242,
-7.8667

■ 236.0470,
-14.8132, -8.8112

■ 33.2690, -11.4716,
-7.2519

■ 252.7200, -8.7360,
1.9996

■ 12.9140, -6.3666,
-11.3256

■ 0.0000, 0.0000,
0.0000

■ 127.2150,
-12.9240, -8.0816

■ 127.2150,
-12.9240, -8.0816

■ 123.5260,
-18.0073, -10.9853

■ 130.9040, -7.8407,
-5.1778

■ 119.9510,
-22.6538, -13.9890

■ 134.4790, -3.1941,
-2.1741

■ 115.9630,
-27.5898, -17.5076

■ 138.4670, 1.7418,
1.3444

■ 112.2740,
-32.6731, -20.4113

■ 142.1560, 6.8251,
4.2482

■ 108.6990,
-37.3196, -23.4150

■ 145.7310, 11.4716,
7.2519

■ 105.0100,
-42.4029, -26.3188

■ 149.4200, 16.5549,
10.1557

■ 101.0220,
-47.3388, -29.8373

■ 153.4080, 21.4909,
13.6742

■ 99.8540, -49.2280,

■ 157.0970, 26.5742,

-30.5670

16.5779

■ 160.6720, 31.2207,
19.5817

Harmonies

Analogous

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



129.6470, -18.0670, 8.2026



127.2150, -12.9240, -8.0816



124.8090, -3.8498, -25.2655

Triad

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



127.2150, -12.9240, -8.0816



125.9540, 19.7427, -32.4087



133.5740, -3.7340, 31.0686

Complementary

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



127.2150, -12.9240, -8.0816



110.7850, 12.9240, 8.0816

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.



134.2230, 5.3131, 22.6064



127.2150, -12.9240, -8.0816



130.4340, 18.5200, -13.5356

Square

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



127.2150, -12.9240, -8.0816



121.8620, 15.8440, -41.9750



133.3010, 13.6556, 6.7520



132.6850, -12.1697, 30.0943

Rectangle

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



127.2150, -12.9240, -8.0816



123.2900, 3.3080, -34.4573



133.3010, 13.6556, 6.7520



133.6600, -0.8184, 29.2392

Sweetspot

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



127.2150, -12.9240, -8.0816



174.8980, -5.3727, -3.4185



122.9170, -10.8051, 12.3508



86.7780, -3.3416, -1.5593



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.



127.2150, -12.9240, -8.0816



163.1190, -20.7647, -13.2594



122.2460, -9.9813, -18.6327



67.0060, -2.4680, -1.7593



96.9080, -47.7756, -29.7373



3.5330, -1.7418, -1.3444

Inverse Universe

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



110.7850, 12.9240, 8.0816



136.8810, 20.7647, 13.2594



115.7540, 9.9813, 18.6327



63.9940, 2.4680, 1.7593



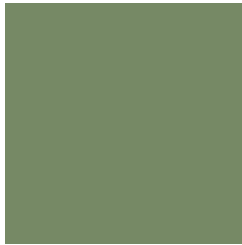
36.0920, 47.7756, 29.7373



1.4670, 1.7418, 1.3444

Previews

White Background



This preview shows how the YUV color 127.2150, -12.9240, -8.0816 looks on a white background.

Color Contrast Check

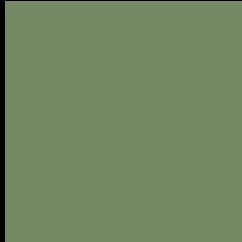
Large Text (above 18pt) WCAG AA ✓ Pass

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 127.2150, -12.9240, -8.0816 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

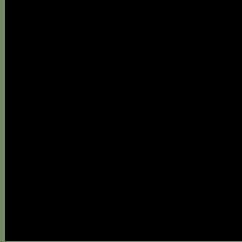
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 127.2150, -12.9240, -8.0816

Background



This preview shows how black text looks on a background with the YUV color 127.2150, -12.9240, -8.0816.



This preview shows how white text looks on a background with the YUV color 127.2150, -12.9240, -8.0816.

-8.0816.

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

127.2150, -12.9240, -8.0816

Protanopia

129.9290, -15.7410, 8.8323

Deuteranopia

131.4510, -14.0263, 18.8985



Tritanopia

130.7480, 5.5472, -5.9180

Trichromacy



Original Color

127.2150, -12.9240, -8.0816

Protanomaly

128.8250, -14.7037, 2.7845

Deuteranomaly

129.7980, -13.7044, 8.9472

Tritanomaly

129.6140, -1.2887, -6.6775

Monochromacy



Original Color

127.2150, -12.9240, -8.0816

Achromatopsia

127.0000, 0.0000, 0.0000

Achromatomaly

127.4250, -4.6465, -3.0037

CSS Examples

Text

The CSS property to change the color of the text to YUV 127.2150, -12.9240, -8.0816 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(118, 137, 101)` looks like.

```
.text, #text, p{  
    color:rgb(118, 137, 101)  
}
```

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(118, 137, 101) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(118, 137, 101) }
```

Border

The CSS property to change the border of an element to YUV 127.2150, -12.9240, -8.0816 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(118, 137, 101) }
```


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

```
.border{ border-color:rgb(118, 137, 101) }
```

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

Here you see how a box with a 4 pixel `rgb(118, 137, 101)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(118, 137, 101); -webkit-box-  
shadow:4px 4px 4px 4px rgb(118, 137, 101);  
box-shadow:4px 4px 4px 4px rgb(118, 137,  
101) }
```

Background

The CSS property to change the background color of an element to YUV 127.2150, -12.9240, -8.0816 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(118, 137, 101) }
```

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

```
.background{ background-color: rgb(118,  
137, 101) }
```

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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