

Converting Colors

YUV(123.0890, -8.4249, -4.4631)

Have a look what the booklet for
YUV(123.0890, -8.4249, -4.4631)
contains.

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Color

**YUV(123.0890, -8.4249,
-4.4631)**

Conversions

Conversions Part 1

Format	Color
Hex	76816A
RGB	118, 129, 106
RGB Percent	46%, 51%, 42%
CMY	0.5373, 0.4941, 0.5843
CMYK	0.09, 0.00, 0.18, 0.49
HSL	89°, 10%, 46%
HSV	89°, 18%, 51%
XYZ	17.9230, 20.5927, 16.6658
YIQ	123.0890, 0.8270, -9.4850

Conversions

Conversions Part 2

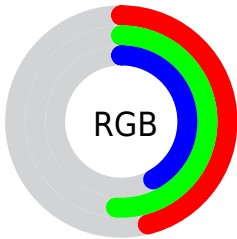
Format	Color
R_{YB}	106, 129, 117
Decimal	7766378
CIE _{Lab}	52.50, -8.54, 11.12
CIE _{LCh}	53, 14.022, 127.522
Yxy	20.5927, 0.3248, 0.3732
Android (android.graphics.Color)	4285956458 (0xFF76816A)
YUV	123.0890, -8.4249, -4.4631
Hunter-Lab	45.3792, -8.9130, 9.9907

Details

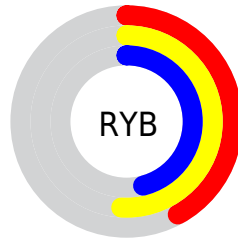
The YUV color $[123.0890, -8.4249, -4.4631]$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $[111.9110, 8.4249, 4.4631]$, and the grayscale version is $[123.0000, 0.0000, 0.0000]$.

A 20% lighter version of the original color is $[175.5620, -9.1511, -4.8779]$, and $[74.6160, -7.6987, -4.0482]$ is the 20% darker color. If you saturate the color by 10%, you get $[119.8130, -13.2188, -6.8520]$, and if you desaturate by 10%, it is $[126.3650, -3.6309, -2.0741]$.

Distribution



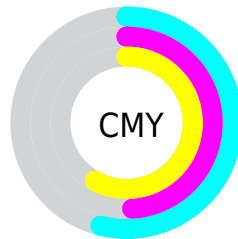
- Red (46%)
- Green (51%)
- Blue (42%)



- Red (42%)
- Yellow (51%)
- Blue (46%)



- Cyan (9%)
- Magenta (0%)
- Yellow (18%)
- Black (49%)



- Cyan (54%)
- Magenta (49%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the YUV color 123.0890, -8.4249, -4.4631 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 123.0890, -8.4249, -4.4631 by changing the saturation by 10% instead.

■ 123.0890, -8.4249,
-4.4631

■ 123.0890, -8.4249,
-4.4631

■ 255.0000, 0.0000,
0.0000

■ 98.2030, -7.9881,
-4.5630

■ 175.5620, -9.1511,
-4.8779

■ 74.6160, -7.6987,
-4.0482

■ 202.8610, -9.2985,
-4.2631

■ 51.7300, -7.2619,
-4.1482

■ 231.4480, -9.5879,
-4.7779

■ 30.1430, -6.9725,
-3.6334

■ 252.9910, -6.4046,
0.8849

■ 8.8050, -4.3409,
-7.7220

■ 0.0000, 0.0000,
0.0000

■ 123.0890, -8.4249,
-4.4631

■ 123.0890, -8.4249,
-4.4631

■ 119.8130,
-13.2188, -6.8520

■ 126.3650, -3.6309,
-2.0741

■ 116.5370,
-18.0127, -9.2409

■ 129.6410, 1.1630,
0.3148

■ 112.9620,
-22.6593, -12.2447

■ 133.2160, 5.8095,
3.3186

■ 109.6860,
-27.4532, -14.6336

■ 136.4920, 10.6034,
5.7075

■ 106.5240,
-31.8103, -17.1225

■ 139.7680, 15.3974,
8.0965

■ 103.2480,
-36.6043, -19.5115

■ 142.9300, 19.7545,
10.5854

■ 99.9720, -41.3982,
-21.9004

■ 146.2060, 24.5484,
12.9743

■ 96.6960, -46.1921,

■ 149.4820, 29.3424,

-24.2894

15.3633

■ 95.7560, -47.2077,
-25.2190

■ 153.0570, 33.9889,
18.3670

Harmonies

Analogous

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



124.3570, -11.5150, 6.7029



123.0890, -8.4249, -4.4631



121.5160, -2.7194, -14.4845

Triad

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



123.0890, -8.4249, -4.4631



122.6800, 11.9898, -19.0134



127.5510, -2.2436, 19.6878

Complementary

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



123.0890, -8.4249, -4.4631



111.9110, 8.4249, 4.4631

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.



127.7120, 3.5930, 14.2846



123.0890, -8.4249, -4.4631



125.0450, 11.8098, -7.9325

Square

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



123.0890, -8.4249, -4.4631



120.8490, 8.9484, -23.5466



126.6120, 8.5723, 3.8483



126.7700, -7.7746, 20.3727

Rectangle

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



123.0890, -8.4249, -4.4631



120.9220, 1.5175, -20.1026



126.6120, 8.5723, 3.8483



127.7080, -0.3490, 18.6731

Sweetspot

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



123.0890, -8.4249, -4.4631



165.8920, -2.9048, -1.6593



119.3340, -6.5737, 8.4771



82.8320, -1.8892, -0.7297



212.0000, 0.0000, 0.0000



84.0000, 0.0000, 0.0000

Same Dimension

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



123.0890, -8.4249, -4.4631



158.9270, -12.7820, -6.9520



119.8000, -6.8034, -11.2256



62.3050, -2.6154, -1.1445



95.1690, -46.9183, -24.7042



0.0000, 0.0000, 0.0000

Inverse Universe

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



111.9110, 8.4249, 4.4631



142.0730, 12.7820, 6.9520



115.2000, 6.8034, 11.2256



58.6950, 2.6154, 1.1445



32.8310, 46.9183, 24.7042



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YUV color 123.0890, -8.4249, -4.4631 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 123.0890, -8.4249, -4.4631 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

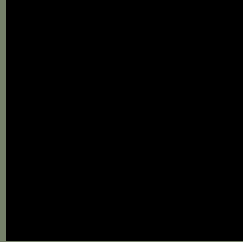
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 123.0890, -8.4249, -4.4631

Background



This preview shows how black text looks on a background with the YUV color 123.0890, -8.4249, -4.4631.



This preview shows how white text looks on a background with the YUV color 123.0890, -8.4249, -4.4631.

-4.4631.

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

123.0890, -8.4249, -4.4631

Protanopia

124.6990, -10.2046, 6.4030

Deuteranopia

125.5090, -8.6319, 15.3396



Tritanopia

125.2430, 4.8102, -2.8441

Trichromacy



Original Color

123.0890, -8.4249, -4.4631

Protanomaly

123.9050, -9.3202, 2.7143

Deuteranomaly

124.4650, -8.6102, 8.3622

Tritanomaly

124.2770, -0.1366, -2.8739

Monochromacy



Original Color

123.0890, -8.4249, -4.4631

Achromatopsia

123.0000, 0.0000, 0.0000

Achromatomaly

122.8920, -2.9048, -1.6593

CSS Examples

Text

The CSS property to change the color of the text to YUV 123.0890, -8.4249, -4.4631 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, 129, 106)` looks like.

```
.text, #text, p{  
    color:rgb(118, 129, 106)  
}
```

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, 129, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(118, 129, 106) }
```

Border

The CSS property to change the border of an element to YUV 123.0890, -8.4249, -4.4631 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, 129, 106) }
```


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

```
.border{ border-color:rgb(118, 129, 106) }
```

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

Here you see how a box with a 4 pixel `rgb(118, 129, 106)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(118, 129, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(118, 129, 106);  
box-shadow:4px 4px 4px 4px rgb(118, 129,  
106) }
```

Background

The CSS property to change the background color of an element to YUV 123.0890, -8.4249, -4.4631 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(118, 129, 106) }
```

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

```
.background{ background-color: rgb(118,  
129, 106) }
```

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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