

Converting Colors

YUV(123.9470, -6.3829, -6.0925)

Have a look what the booklet for
YUV(123.9470, -6.3829, -6.0925)
contains.

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Color

**YUV(123.9470, -6.3829,
-6.0925)**

Conversions

Conversions Part 1

Format	Color
Hex	75826F
RGB	117, 130, 111
RGB Percent	46%, 51%, 44%
CMY	0.5412, 0.4902, 0.5647
CMYK	0.10, 0.00, 0.15, 0.49
HSL	101°, 8%, 47%
HSV	101°, 15%, 51%
XYZ	18.1880, 20.8949, 18.1134
YIQ	123.9470, -1.6490, -8.6650

Conversions

Conversions Part 2

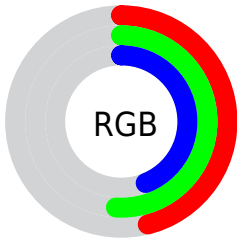
Format	Color
R_{YB}	111, 130, 124
Decimal	7701103
CIE Lab	52.83, -8.57, 8.68
CIE LCh	53, 12.201, 134.627
Yxy	20.8949, 0.3180, 0.3653
Android (android.graphics.Color)	4285891183 (0xFF75826F)
YUV	123.9470, -6.3829, -6.0925
Hunter-Lab	45.7109, -8.9704, 8.5033

Details

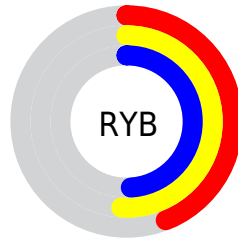
The YUV color `123.9470, -6.3829, -6.0925` is a dark color, and the websafe version is hex `666666`. A complement of this color would be `117.0530, 6.3829, 6.0925`, and the grayscale version is `124.0000, 0.0000, 0.0000`.

A 20% lighter version of the original color is `176.5340, -6.6723, -6.6073`, and `75.3600, -6.0935, -5.5777` is the 20% darker color. If you saturate the color by 10%, you get `119.7740, -10.7346, -10.3258`, and if you desaturate by 10%, it is `128.1200, -2.0312, -1.8592`.

Distribution



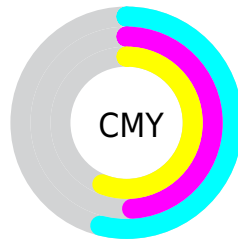
- Red (46%)
- Green (51%)
- Blue (44%)



- Red (44%)
- Yellow (51%)
- Blue (49%)



- Cyan (10%)
- Magenta (0%)
- Yellow (15%)
- Black (49%)



- Cyan (54%)
- Magenta (49%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the YUV color 123.9470, -6.3829, -6.0925 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 123.9470, -6.3829, -6.0925 by changing the saturation by 10% instead.

■ 123.9470, -6.3829,
-6.0925

■ 123.9470, -6.3829,
-6.0925

255.0000, 0.0000,
0.0000

■ 99.0610, -5.9461,
-6.1925

■ 176.5340, -6.6723,
-6.6073

■ 75.3600, -6.0935,
-5.5777

■ 204.1210, -6.9617,
-7.1221

■ 52.4740, -5.6567,
-5.6777

■ 232.0070, -7.3985,
-7.0221

■ 31.0010, -4.9305,
-5.2629

■ 253.3760, -3.6364,
-0.3298

■ 9.3920, -4.6303,
-8.2368

■ 0.0000, 0.0000,
0.0000

■ 123.9470, -6.3829,
-6.0925

■ 123.9470, -6.3829,
-6.0925

■ 119.7740,
-10.7346, -10.3258

■ 128.1200, -2.0312,
-1.8592

■ 115.6010,
-15.0863, -14.5591

■ 132.2930, 2.3206,
2.3740

■ 111.4280,
-19.4380, -18.7924

■ 136.4660, 6.6723,
6.6073

■ 107.2550,
-23.7897, -23.0256

■ 140.6390, 11.0240,
10.8406

■ 103.3810,
-28.2888, -26.6441

■ 144.5130, 15.5231,
14.4591

■ 99.2080, -32.6405,
-30.8774

■ 148.6860, 19.8748,
18.6924

■ 95.0350, -36.9923,
-35.1107


■ 152.8590, 24.2265,
22.9257


■ 90.8620, -41.3440,

■ 157.0320, 28.5782,

-39.3440

27.1589

 88.5690, -43.6645,
-41.7180

 161.2050, 32.9299,
31.3922

Harmonies

Analogous

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



125.2040, -9.4676, 3.3291



123.9470, -6.3829, -6.0925



122.8580, -1.4090, -14.7845

Triad

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



123.9470, -6.3829, -6.0925



124.6590, 10.5211, -14.6099



127.8990, -3.4012, 17.6286

Complementary

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



123.9470, -6.3829, -6.0925



117.0530, 6.3829, 6.0925

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.



127.9570, 1.9932, 14.0697



123.9470, -6.3829, -6.0925



126.1980, 9.7624, -4.5586

Square

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



123.9470, -6.3829, -6.0925



122.7570, 8.5008, -19.9579



127.7540, 6.5303, 5.4777



127.7480, -7.7638, 16.8840

Rectangle

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



123.9470, -6.3829, -6.0925



122.1610, 2.3856, -18.5582



127.7540, 6.5303, 5.4777



128.3550, -1.6540, 17.2287

Sweetspot

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



123.9470, -6.3829, -6.0925



166.1200, -2.0312, -1.8592



124.3120, -6.5628, 4.9884



82.6470, -1.3050, -1.4444



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.



123.9470, -6.3829, -6.0925



158.6000, -10.1558, -9.2962



122.4950, -4.1880, -10.0811



61.7070, -2.3206, -2.3740



87.0960, -42.9383, -41.3032



0.0000, 0.0000, 0.0000

Inverse Universe

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



117.0530, 6.3829, 6.0925



147.6990, 10.0084, 9.9110



118.5050, 4.1880, 10.0811



59.2930, 2.3206, 2.3740



40.6050, 43.0857, 40.6884



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YUV color 123.9470, -6.3829, -6.0925 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 123.9470, -6.3829, -6.0925 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

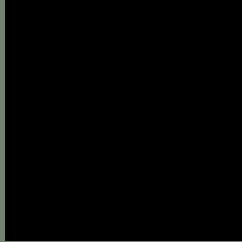
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

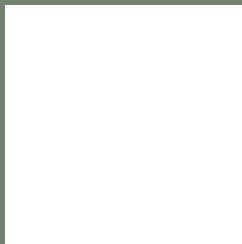
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 123.9470, -6.3829, -6.0925

Background



This preview shows how black text looks on a background with the YUV color 123.9470, -6.3829, -6.0925.



This preview shows how white text looks on a background with the YUV color 123.9470, -6.3829, -6.0925.

-6.0925.

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

123.9470, -6.3829, -6.0925

Protanopia

125.8560, -8.3100, 5.3883

Deuteranopia

126.6660, -6.7373, 14.3249



Tritanopia

125.6450, 5.1050, -4.0737

Trichromacy



Original Color

123.9470, -6.3829, -6.0925

Protanomaly

125.0620, -7.4256, 1.6996

Deuteranomaly

125.6220, -6.7156, 7.3475

Tritanomaly

124.9070, 1.0318, -4.3034

Monochromacy



Original Color

123.9470, -6.3829, -6.0925

Achromatopsia

124.0000, 0.0000, 0.0000

Achromatomaly

123.7070, -2.3206, -2.3740

CSS Examples

Text

The CSS property to change the color of the text to YUV 123.9470, -6.3829, -6.0925 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(117, 130, 111)` looks like.

```
.text, #text, p{  
    color:rgb(117, 130, 111)  
}
```

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(117, 130, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 130, 111) }
```

Border

The CSS property to change the border of an element to YUV 123.9470, -6.3829, -6.0925 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(117, 130, 111) }
```


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

```
.border{ border-color:rgb(117, 130, 111) }
```

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

Here you see how a box with a 4 pixel `rgb(117, 130, 111)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(117, 130, 111); -webkit-box-  
shadow:4px 4px 4px 4px rgb(117, 130, 111);  
box-shadow:4px 4px 4px 4px rgb(117, 130,  
111) }
```

Background

The CSS property to change the background color of an element to YUV 123.9470, -6.3829, -6.0925 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 130, 111) }
```

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

```
.background{ background-color: rgb(117,  
130, 111) }
```

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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