

Converting Colors

YUV(119.6330, 6.5899,
-13.7101)

Have a look what the booklet for
YUV(119.6330, 6.5899, -13.7101)
contains.

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Color

**YUV(119.6330, 6.5899,
-13.7101)**

Conversions

Conversions Part 1

Format	Color
Hex	687D85
RGB	104, 125, 133
RGB Percent	41%, 49%, 52%
CMY	0.5922, 0.5098, 0.4784
CMYK	0.22, 0.06, 0.00, 0.48
HSL	197°, 12%, 46%
HSV	197°, 22%, 52%
XYZ	17.2762, 19.3037, 25.0057
YIQ	119.6330, -15.0840, -1.9640

Conversions

Conversions Part 2

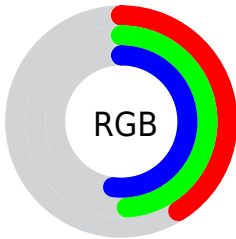
Format	Color
RYB	104, 116, 133
Decimal	6847877
CIELab	51.04, -5.74, -6.89
CIELCh	51, 8.967, 230.212
Yxy	19.3037, 0.2805, 0.3134
Android (android.graphics.Color)	4285037957 (0xFF687D85)
YUV	119.6330, 6.5899, -13.7101
Hunter-Lab	43.9360, -6.6997, -2.9891

Details

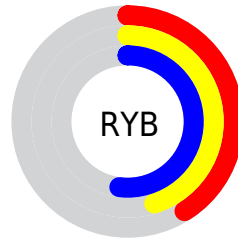
The YUV color **119.6330, 6.5899, -13.7101** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **117.3670, -6.5899, 13.7101**, and the grayscale version is **120.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **172.3340, 6.7373, -14.3249**, and **70.9320, 6.4425, -13.0954** is the 20% darker color. If you saturate the color by 10%, you get **113.3980, 9.6638, -19.6430**, and if you desaturate by 10%, it is **125.8680, 3.5161, -7.7772**.

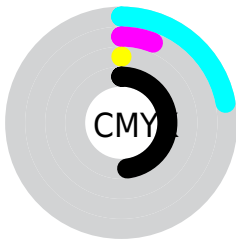
Distribution



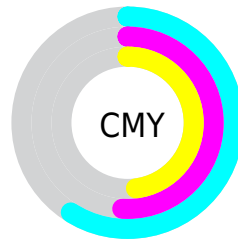
- Red (41%)
- Green (49%)
- Blue (52%)



- Red (41%)
- Yellow (45%)
- Blue (52%)



- Cyan (22%)
- Magenta (6%)
- Yellow (0%)
- Black (48%)



- Cyan (59%)
- Magenta (51%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the YUV color 119.6330, 6.5899, -13.7101 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 119.6330, 6.5899, -13.7101 by changing the saturation by 10% instead.

■ 119.6330, 6.5899,
-13.7101

■ 119.6330, 6.5899,
-13.7101

■ 255.0000, 0.0000,
0.0000

■ 94.9320, 6.4425,
-13.0954

■ 172.3340, 6.7373,
-14.3249

■ 70.9320, 6.4425,
-13.0954

■ 199.4480, 7.1741,
-14.4249

■ 48.1170, 5.8583,
-12.3806

■ 227.1490, 7.3215,
-15.0397

■ 26.8180, 6.0057,
-12.9954

■ 250.2160, 2.3585,
-9.8364

■ 6.7480, 5.5472,
-5.9180

■ 0.0000, 0.0000,
0.0000

■ 119.6330, 6.5899,
-13.7101

■ 119.6330, 6.5899,
-13.7101

■ 113.3980, 9.6638,
-19.6430

■ 125.8680, 3.5161,
-7.7772

■ 107.4510, 12.5957,
-26.7055

■ 131.8150, 0.5842,
-0.7148

■ 101.2160, 15.6695,
-32.6384

■ 138.0500, -2.4896,
5.2182

■ 94.9810, 18.7434,
-38.5713

■ 144.2850, -5.5635,
11.1511

■ 89.0340, 21.6752,
-45.6338

■ 150.2320, -8.4954,
18.2135

■ 82.7990, 24.7491,
-51.5667

■ 156.4670,
-11.5692, 24.1464

■ 76.5640, 27.8229,
-57.4996

■ 162.7020,
-14.6431, 30.0793

■ 71.5140, 30.3126,

■ 168.3500,

-62.7178

-17.4275, 36.5271

 174.8840,
-20.6488, 43.0747

Harmonies

Analogous

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



118.9380, 3.9746, -14.8546



119.6330, 6.5899, -13.7101



120.8940, 7.4473, -8.6770

Triad

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



119.6330, 6.5899, -13.7101



123.4790, 0.2569, 10.9809



120.8770, -6.8414, 0.9849

Complementary

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



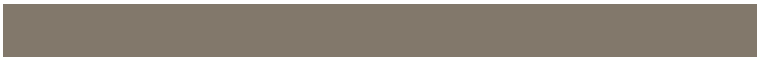
119.6330, 6.5899, -13.7101



117.3670, -6.5899, 13.7101

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.



121.5080, -7.1524, 7.4475



119.6330, 6.5899, -13.7101



123.2790, -3.0955, 12.9103

Square

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



119.6330, 6.5899, -13.7101



122.7710, 4.0569, 5.4628



122.4700, -6.1477, 11.8658



119.9300, -3.9095, -6.0776

Rectangle

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



119.6330, 6.5899, -13.7101



121.5140, 7.1416, -3.9588



122.4700, -6.1477, 11.8658



121.1870, -6.9942, 3.3440

Sweetspot

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



119.6330, 6.5899, -13.7101



167.6510, 2.6371, -5.8329



121.9350, -4.8980, -15.7290



83.7330, 1.6106, -3.2738



214.0000, 0.0000, 0.0000



87.0000, 0.0000, 0.0000

Same Dimension

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



119.6330, 6.5899, -13.7101



152.5010, 10.1060, -21.4874



111.4150, 10.6414, -6.5030



63.0320, 1.4632, -2.6591



69.9980, 29.5810, -61.3882



1.5160, 0.7316, -1.3295

Inverse Universe

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



115.0650, 4.8980, 15.7290



145.2170, 7.7810, 24.3657



125.5850, -10.6414, 6.5030



62.2500, 0.8628, 3.2888



49.5860, 21.8961, 70.5231



1.1250, 0.4314, 1.6444

Previews

White Background



This preview shows how the YUV color 119.6330, 6.5899, -13.7101 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 119.6330, 6.5899, -13.7101 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

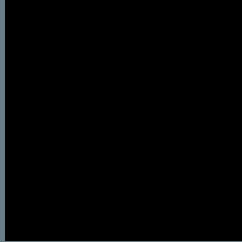
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

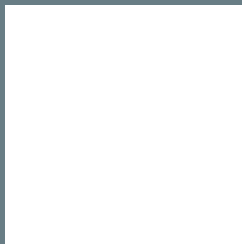
Any Text WCAG AAA × Fail

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

YUV 119.6330, 6.5899, -13.7101 Background



This preview shows how black text looks on a background with the YUV color 119.6330, 6.5899, -13.7101.



This preview shows how white text looks on a background with the YUV color 119.6330, 6.5899,

-13.7101.

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

119.6330, 6.5899, -13.7101

Protanopia

122.0260, 3.9312, -0.8998

Deuteranopia

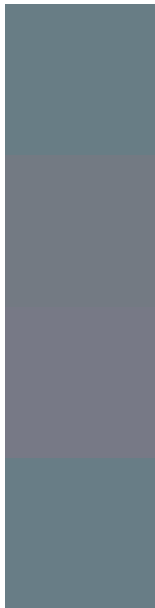
122.5150, 5.6621, 3.9333



Tritanopia

119.8610, 7.4635, -13.9101

Trichromacy



Original Color

119.6330, 6.5899, -13.7101

Protanomaly

120.9330, 4.9630, -5.2032

Deuteranomaly

121.8840, 5.9732, -2.5293

Tritanomaly

119.7470, 7.0267, -13.8101

Monochromacy



Original Color

119.6330, 6.5899, -13.7101

Achromatopsia

120.0000, 0.0000, 0.0000

Achromatomaly

119.9500, 2.4897, -5.2181

CSS Examples

Text

The CSS property to change the color of the text to YUV 119.6330, 6.5899, -13.7101 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(104, 125, 133)` looks like.

```
.text, #text, p{  
    color:rgb(104, 125, 133)  
}
```

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(104, 125, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(104, 125, 133) }
```

Border

The CSS property to change the border of an element to YUV 119.6330, 6.5899, -13.7101 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(104, 125, 133) }
```


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

```
.border{ border-color:rgb(104, 125, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(104, 125, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(104, 125, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(104, 125, 133);  
box-shadow:4px 4px 4px 4px rgb(104, 125,  
133) }
```

Background

The CSS property to change the background color of an element to YUV 119.6330, 6.5899, -13.7101 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(104, 125, 133) }
```

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

```
.background{ background-color: rgb(104,  
125, 133) }
```

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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