

Converting Colors

YUV(128.6180, 59.8413,
-13.6970)

Have a look what the booklet for
YUV(128.6180, 59.8413, -13.6970)
contains.

YUV(128.6180, 59.8413, -13.6970)	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(128.6180, 59.8413,
-13.6970)**

Conversions

Conversions Part 1

Format	Color
Hex	7171FA
RGB	113, 113, 250
RGB Percent	44%, 44%, 98%
CMY	0.5569, 0.5569, 0.0196
CMYK	0.55, 0.55, 0.00, 0.02
HSL	240°, 93%, 71%
HSV	240°, 55%, 98%
XYZ	29.9705, 22.2231, 93.1523
YIQ	128.6180, -43.9770, 42.6070

Conversions

Conversions Part 2

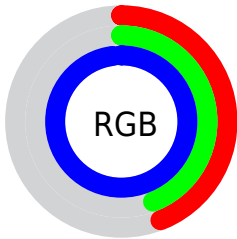
Format	Color
R _Y B	113, 113, 250
Decimal	7434746
CIE Lab	54.26, 37.46, -68.72
CIE LCh	54, 78.269, 298.597
Yxy	22.2231, 0.2062, 0.1529
Android (android.graphics.Color)	4285624826 (0xFF7171FA)
YUV	128.6180, 59.8413, -13.6970
Hunter-Lab	47.1414, 30.9854, -84.1593

Details

The YUV color **128.6180, 59.8413, -13.6970** is a light color, and the websafe version is hex **6666FF**. A complement of this color would be **234.3820, -59.8413, 13.6970**, and the grayscale version is **128.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **177.9510, 37.9852, -3.4650**, and **73.1990, 58.5689, -25.6075** is the 20% darker color. If you saturate the color by 10%, you get **106.4680, 70.7613, -16.1964**, and if you desaturate by 10%, it is **150.7680, 48.9214, -11.1975**.

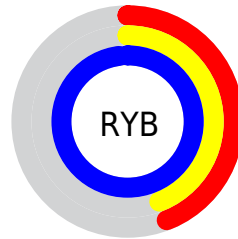
Distribution



Red (44%)

Green (44%)

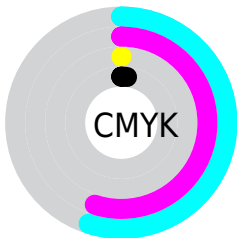
Blue (98%)



Red (44%)

Yellow (44%)

Blue (98%)

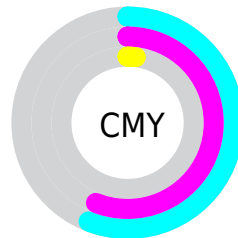


Cyan (55%)

Magenta (55%)

Yellow (0%)

Black (2%)



Cyan (56%)

Magenta (56%)

Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the YUV color 128.6180, 59.8413, -13.6970 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 128.6180, 59.8413, -13.6970 by changing the saturation by 10% instead.

■ 128.6180, 59.8413,
-13.6970

■ 128.6180, 59.8413,
-13.6970

255.0000, 0.0000,
0.0000

■ 101.0690, 59.1260,
-17.6005

■ 177.9510, 37.9852,
-3.4650

■ 73.1990, 58.5689,
-25.6075

■ 202.7700, 25.7494,
1.0787

■ 44.0510, 59.6279,
-38.6327

■ 228.1760, 13.2242,
5.1076

■ 29.2330, 53.6221,
-25.6373

■ 251.4780, 1.7363,
3.0888

■ 14.4150, 47.6164,
-12.6420

■ 10.9780, 36.9858,
-9.6277

■ 10.5900, 25.3451,

-9.2874

■ 6.2070, 16.1669,
-5.4435

■ 2.4110, 6.6994,
-2.1144

■ 128.6180, 59.8413,
-13.6970

■ 128.6180, 59.8413,
-13.6970

■ 106.4680, 70.7613,
-16.1964

■ 150.7680, 48.9214,
-11.1975

■ 84.3180, 81.6812,
-18.6959

■ 172.9180, 38.0014,
-8.6981

■ 62.1680, 92.6012,
-21.1953

■ 195.0680, 27.0815,
-6.1986

■ 40.0180, 103.5211,
-23.6948

■ 217.2180, 16.1615,
-3.6992

■ 28.5000, 109.1995,
-24.9945

■ 239.3680, 5.2416,
-1.1997

■ 254.4300, -2.1840,
0.4999

Harmonies

Analogous

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



111.2500, 70.8688, -97.5662



128.6180, 59.8413, -13.6970



127.9460, 36.0156, 68.4534

Triad

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



128.6180, 59.8413, -13.6970



119.7290, -59.0264, 79.1677



106.8820, 8.4392, -93.7355

Complementary

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



128.6180, 59.8413, -13.6970



234.3820, -59.8413, 13.6970

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.



96.3260, -21.8527, -84.4779



128.6180, 59.8413, -13.6970



121.8020, -60.0484, 33.4996

Square

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



128.6180, 59.8413, -13.6970



114.0850, -21.7339, 111.3045



112.3350, -55.3812, -16.9568



115.3350, 38.2888, -101.1488

Rectangle

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



128.6180, 59.8413, -13.6970



115.9800, 21.2089, 104.3805



112.3350, -55.3812, -16.9568



103.6730, -1.3178, -90.9212

Sweetspot

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



128.6180, 59.8413, -13.6970



218.6740, 17.9087, -4.0991



209.0370, 20.1948, -84.2244



105.8500, 10.9200, -2.4994



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

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



128.6180, 59.8413, -13.6970



106.1520, 73.3821, -16.7963



148.9500, 49.8177, 28.1079



113.4820, 5.6784, -1.2997



21.5460, 82.5548, -18.8958



6.9540, 26.6447, -6.0987

Inverse Universe

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



169.5810, 39.6466, 70.5275



156.3840, 48.6177, 86.4862



213.7510, -49.6702, -28.7226



117.3690, 3.7621, 6.6924



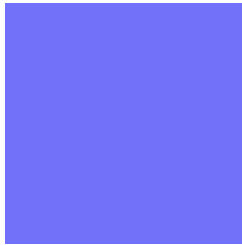
78.0570, 54.6949, 97.2970



25.1930, 17.6529, 31.4027

Previews

White Background



This preview shows how the YUV color 128.6180, 59.8413, -13.6970 looks on a white background.

Color Contrast Check

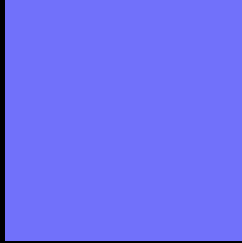
Large Text (above 18pt) WCAG AA ✓ Pass

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 128.6180, 59.8413, -13.6970 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

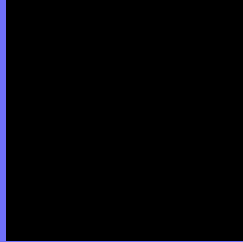
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 128.6180, 59.8413, -13.6970

Background



This preview shows how black text looks on a background with the YUV color 128.6180, 59.8413, -13.6970.



This preview shows how white text looks on a background with the YUV color 128.6180, 59.8413, -13.6970.

-13.6970.

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

128.6180, 59.8413, -13.6970

Protanopia

116.1990, 68.4289, -61.5645

Deuteranopia

103.8180, 62.7007, -91.0484



Tritanopia

121.7160, 13.9440, -39.2159

Trichromacy



Original Color

128.6180, 59.8413, -13.6970

Protanomaly

120.7990, 65.1751, -44.5507

Deuteranomaly

112.7660, 61.7404, -62.9388

Tritanomaly

124.4240, 30.3570, -30.1898

Monochromacy



Original Color

128.6180, 59.8413, -13.6970

Achromatopsia

129.0000, 0.0000, 0.0000

Achromatomaly

128.7000, 21.8399, -4.9989

CSS Examples

Text

The CSS property to change the color of the text to YUV 128.6180, 59.8413, -13.6970 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(113, 113, 250)` looks like.

```
.text, #text, p{  
    color:rgb(113, 113, 250)  
}
```

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(113, 113, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(113, 113, 250) }
```

Border

The CSS property to change the border of an element to YUV 128.6180, 59.8413, -13.6970 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(113, 113, 250) }
```


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

```
.border{ border-color:rgb(113, 113, 250) }
```

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

Here you see how a box with a 4 pixel `rgb(113, 113, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(113, 113, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(113, 113, 250);  
box-shadow:4px 4px 4px 4px rgb(113, 113,  
250) }
```

Background

The CSS property to change the background color of an element to YUV 128.6180, 59.8413, -13.6970 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(113, 113, 250) }
```

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

```
.background{ background-color: rgb(113,  
113, 250) }
```

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