

Converting Colors

YUV(129.4650, 61.8888,
-17.0708)

Have a look what the booklet for
YUV(129.4650, 61.8888, -17.0708)
contains.

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Color

**YUV(129.4650, 61.8888,
-17.0708)**

Conversions

Conversions Part 1

Format	Color
Hex	6E73FF
RGB	110, 115, 255
RGB Percent	43%, 45%, 100%
CMY	0.5686, 0.5490, 0.0000
CMYK	0.57, 0.55, 0.00, 0.00
HSL	238°, 100%, 72%
HSV	238°, 57%, 100%
XYZ	30.6111, 22.7965, 97.3945
YIQ	129.4650, -47.9200, 42.4800

Conversions

Conversions Part 2

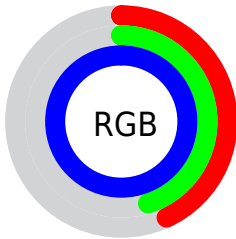
Format	Color
R_{YB}	110, 115, 255
Decimal	7238655
CIE _{Lab}	54.86, 37.29, -70.53
CIE _{LCh}	55, 79.778, 297.866
Yxy	22.7965, 0.2030, 0.1512
Android (android.graphics.Color)	4285428735 (0xFF6E73FF)
YUV	129.4650, 61.8888, -17.0708
Hunter-Lab	47.7456, 30.8867, -87.5215

Details

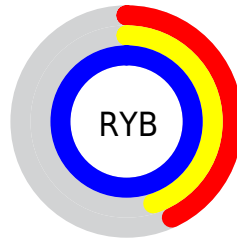
The YUV color **129.4650, 61.8888, -17.0708** is a light color, and the websafe version is hex **6666FF**. A complement of this color would be **235.5350, -61.8888, 17.0708**, and the grayscale version is **129.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **178.5270, 37.7012, -5.7242**, and **72.5510, 61.3534, -32.0552** is the 20% darker color. If you saturate the color by 10%, you get **107.3150, 72.8087, -19.5703**, and if you desaturate by 10%, it is **151.9140, 50.8214, -13.9566**.

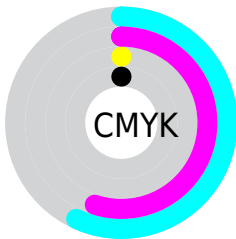
Distribution



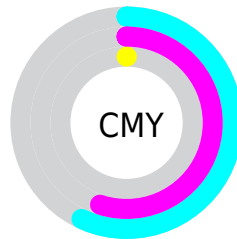
- Red (43%)
- Green (45%)
- Blue (100%)



- Red (43%)
- Yellow (45%)
- Blue (100%)



- Cyan (57%)
- Magenta (55%)
- Yellow (0%)
- Black (0%)



- Cyan (57%)
- Magenta (55%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YUV color 129.4650, 61.8888, -17.0708 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 129.4650, 61.8888, -17.0708 by changing the saturation by 10% instead.

■ 129.4650, 61.8888,
-17.0708

■ 129.4650, 61.8888,
-17.0708

■ 255.0000, 0.0000,
0.0000

■ 101.6170, 61.3208,
-21.5891

■ 178.5270, 37.7012,
-5.7242

■ 72.5510, 61.3534,
-32.0552

■ 203.3460, 25.4654,
-1.1804

■ 45.6810, 60.7963,
-40.0622

■ 228.7520, 12.9403,
2.8485

■ 30.8630, 54.7905,
-27.0669

■ 252.6520, 1.1576,
2.0592

■ 16.7460, 48.9322,
-14.6862

■ 10.8470, 39.0224,
-9.5128

■ 11.6330, 26.8029,

-10.2021

■ 6.5490, 17.4773,
-5.7435

■ 2.9810, 8.8834,
-2.6143

■ 129.4650, 61.8888,
-17.0708

■ 129.4650, 61.8888,
-17.0708

■ 107.3150, 72.8087,
-19.5703

■ 151.9140, 50.8214,
-13.9566

■ 85.4530, 83.5867,
-23.1993

■ 173.4770, 40.1908,
-10.9423

■ 63.0040, 94.6540,
-26.3135

■ 195.9260, 29.1235,
-7.8281

■ 41.4410, 105.2846,
-29.3278

■ 217.4890, 18.4929,
-4.8139

■ 34.3530, 108.7790,
-30.1276

■ 239.9380, 7.4256,
-1.6996

255.0000, 0.0000,
0.0000

Harmonies

Analogous

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



112.4240, 70.2900, -98.5958



129.4650, 61.8888, -17.0708



129.4020, 37.7628, 68.0534

Triad

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



129.4650, 61.8888, -17.0708



120.9250, -59.6160, 81.6268



108.0560, 7.8604, -94.7651

Complementary

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



129.4650, 61.8888, -17.0708



235.5350, -61.8888, 17.0708

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.



97.2720, -23.3051, -85.3075



129.4650, 61.8888, -17.0708



123.2860, -60.7800, 34.8292

Square

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



129.4650, 61.8888, -17.0708



114.6340, -21.0186, 115.2080



114.1070, -56.2548, -16.7568



116.6230, 38.1469, -102.2784

Rectangle

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



129.4650, 61.8888, -17.0708



116.6320, 22.3664, 106.4397



114.1070, -56.2548, -16.7568



104.7330, -2.3334, -91.8508

Sweetspot

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



129.4650, 61.8888, -17.0708



217.4890, 18.4929, -4.8139



210.8470, 18.3164, -88.4428



105.5510, 11.0674, -3.1142



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.



129.4650, 61.8888, -17.0708



105.2440, 73.8297, -20.3850



145.9650, 53.7543, 25.4637



116.4820, 5.6784, -1.2997



25.8830, 81.4027, -22.6994



8.4700, 27.3763, -7.4282

Inverse Universe

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



153.9250, -19.1900, 88.6428



134.4110, -22.8806, 105.7566



219.0350, -53.7543, -25.4637



118.8870, -1.9163, 7.9921



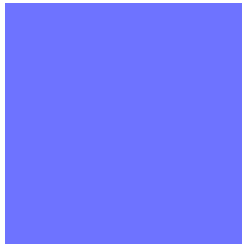
57.9070, -25.0972, 116.7226



19.3640, -8.5605, 39.1458

Previews

White Background



This preview shows how the YUV color 129.4650, 61.8888, -17.0708 looks on a white background.

Color Contrast Check

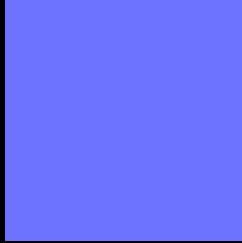
Large Text (above 18pt) WCAG AA ✓ Pass

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 129.4650, 61.8888, -17.0708 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

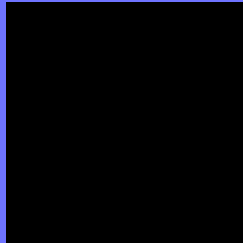
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 129.4650, 61.8888, -17.0708

Background



This preview shows how black text looks on a background with the YUV color 129.4650, 61.8888, -17.0708.



This preview shows how white text looks on a background with the YUV color 129.4650, 61.8888, -17.0708.

-17.0708.

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

129.4650, 61.8888, -17.0708

Protanopia

118.5800, 67.2551, -58.3907

Deuteranopia

105.2200, 62.9955, -92.2779



Tritanopia

121.1390, 15.7075, -44.8489

Trichromacy



Original Color

129.4650, 61.8888, -17.0708

Protanomaly

122.5110, 65.3171, -43.4211

Deuteranomaly

113.9830, 62.6194, -64.8831

Tritanomaly

124.5590, 32.2624, -34.6932

Monochromacy



Original Color

129.4650, 61.8888, -17.0708

Achromatopsia

129.0000, 0.0000, 0.0000

Achromatomaly

129.2160, 22.5715, -6.3284

CSS Examples

Text

The CSS property to change the color of the text to YUV 129.4650, 61.8888, -17.0708 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(110, 115, 255)` looks like.

```
.text, #text, p{  
    color:rgb(110, 115, 255)  
}
```

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(110, 115, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 115, 255) }
```

Border

The CSS property to change the border of an element to YUV 129.4650, 61.8888, -17.0708 is called "border".

The border property can be set on classes, ids or directly on the HTML element.

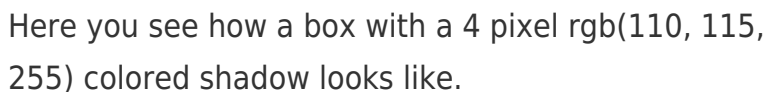
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(110, 115, 255) }
```


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

```
.border{ border-color:rgb(110, 115, 255) }
```

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



Here you see how a box with a 4 pixel `rgb(110, 115, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(110, 115, 255); -webkit-box-shadow:4px 4px 4px 4px rgb(110, 115, 255); box-shadow:4px 4px 4px 4px rgb(110, 115, 255) }
```

Background

The CSS property to change the background color of an element to YUV 129.4650, 61.8888, -17.0708 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 115, 255) }
```

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

```
.background{ background-color: rgb(110,  
115, 255) }
```

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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