

Converting Colors

YUV(128.6010, 62.3147,
-13.6821)

Have a look what the booklet for
YUV(128.6010, 62.3147, -13.6821)
contains.

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Color

**YUV(128.6010, 62.3147,
-13.6821)**

Conversions

Conversions Part 1

Format	Color
Hex	7170FF
RGB	113, 112, 255
RGB Percent	44%, 44%, 100%
CMY	0.5569, 0.5608, 0.0000
CMYK	0.56, 0.56, 0.00, 0.00
HSL	240°, 100%, 72%
HSV	240°, 56%, 100%
XYZ	30.6542, 22.3191, 97.3001
YIQ	128.6010, -45.3070, 44.6850

Conversions

Conversions Part 2

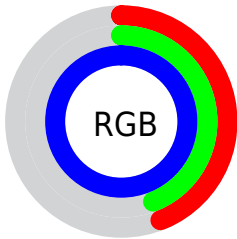
Format	Color
R_{YB}	113, 112, 255
Decimal	7434495
CIE _{Lab}	54.36, 39.60, -71.32
CIE _{LCh}	54, 81.578, 299.038
Yxy	22.3191, 0.2040, 0.1485
Android (android.graphics.Color)	4285624575 (0xFF7170FF)
YUV	128.6010, 62.3147, -13.6821
Hunter-Lab	47.2430, 33.1466, -89.0414

Details

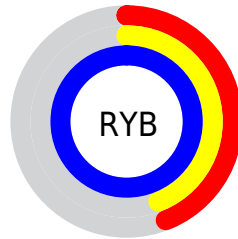
The YUV color **128.6010, 62.3147, -13.6821** is a light color, and the websafe version is hex **6666FF**. A complement of this color would be **238.3990, -62.3147, 13.6821**, and the grayscale version is **128.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **177.3640, 38.2745, -2.9502**, and **72.2850, 61.4845, -27.4369** is the 20% darker color. If you saturate the color by 10%, you get **106.4510, 73.2347, -16.1815**, and if you desaturate by 10%, it is **151.3380, 51.1054, -11.6974**.

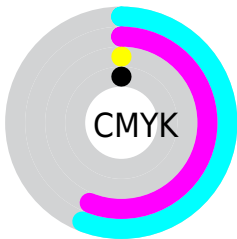
Distribution



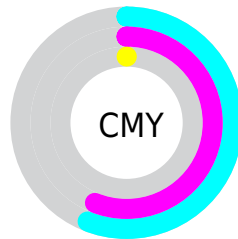
- Red (44%)
- Green (44%)
- Blue (100%)



- Red (44%)
- Yellow (44%)
- Blue (100%)



- Cyan (56%)
- Magenta (56%)
- Yellow (0%)
- Black (0%)



- Cyan (56%)
- Magenta (56%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YUV color 128.6010, 62.3147, -13.6821 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 128.6010, 62.3147, -13.6821 by changing the saturation by 10% instead.

■ 128.6010, 62.3147,
-13.6821

■ 128.6010, 62.3147,
-13.6821

255.0000, 0.0000,
0.0000

■ 100.7530, 61.7468,
-18.2004

■ 177.3640, 38.2745,
-2.9502

■ 72.2850, 61.4845,
-27.4369

■ 202.4820, 25.8914,
2.2083

■ 43.9200, 61.6644,
-38.5178

■ 227.8880, 13.3662,
6.2372

■ 29.1020, 55.6587,
-25.5225

■ 250.8910, 2.0257,
3.6036

■ 14.3980, 50.0898,
-12.6270

■ 10.8470, 39.0224,
-9.5128

■ 11.5190, 26.3661,

-10.1022

■ 6.5490, 17.4773,
-5.7435

■ 2.9810, 8.8834,
-2.6143

■ 128.6010, 62.3147,
-13.6821

■ 128.6010, 62.3147,
-13.6821

■ 106.4510, 73.2347,
-16.1815

■ 151.3380, 51.1054,
-11.6974

■ 83.4150, 84.5914,
-18.7810

■ 173.7870, 40.0380,
-8.5832

■ 60.6780, 95.8007,
-20.7656

■ 196.5240, 28.8287,
-6.5985

■ 38.5280, 106.7207,
-23.2651

■ 218.6740, 17.9087,
-4.0991

■ 29.6680, 111.0887,
-24.2648

■ 241.7100, 6.5520,
-1.4997

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.



111.2500, 70.8688, -97.5662



128.6010, 62.3147, -13.6821



126.5490, 38.1833, 73.1865

Triad

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



128.6010, 62.3147, -13.6821



119.7400, -59.0318, 80.9120



107.6970, 9.0234, -94.4503

Complementary

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



128.6010, 62.3147, -13.6821



238.3990, -62.3147, 13.6821

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.



96.6850, -23.0157, -84.7927



128.6010, 62.3147, -13.6821



122.3890, -60.3378, 32.9848

Square

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



128.6010, 62.3147, -13.6821



111.3030, -22.3344, 117.2523



111.7260, -55.0809, -19.9307



116.3780, 39.7466, -102.0635

Rectangle

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



128.6010, 62.3147, -13.6821



111.0180, 23.6551, 113.1172



111.7260, -55.0809, -19.9307



104.2600, -1.6072, -91.4360

Sweetspot

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



128.6010, 62.3147, -13.6821



216.9020, 18.7823, -4.2991



212.2430, 21.0792, -87.9131



104.9640, 11.3567, -2.5994



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.



128.6010, 62.3147, -13.6821



103.7930, 74.5451, -16.4815



149.8300, 51.8488, 29.9671



116.4820, 5.6784, -1.2997



22.0730, 83.2810, -18.4810



7.2960, 27.9551, -6.3986

Inverse Universe

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



170.9450, 40.9461, 73.7162



154.5090, 49.0491, 88.1306



217.4690, -51.9962, -29.3523



120.2550, 3.3253, 6.7924



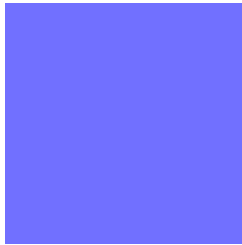
78.7690, 54.8369, 98.4266



26.3180, 18.0842, 33.0471

Previews

White Background



This preview shows how the YUV color 128.6010, 62.3147, -13.6821 looks on a white background.

Color Contrast Check

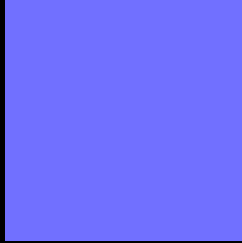
Large Text (above 18pt) WCAG AA ✓ Pass

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 128.6010, 62.3147, -13.6821 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 128.6010, 62.3147, -13.6821 Background



This preview shows how black text looks on a background with the YUV color 128.6010, 62.3147, -13.6821.



This preview shows how white text looks on a background with the YUV color 128.6010, 62.3147, -13.6821.

-13.6821.

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

128.6010, 62.3147, -13.6821

Protanopia

116.1990, 68.4289, -61.5645

Deuteranopia

103.8180, 62.7007, -91.0484



Tritanopia

120.9330, 14.8230, -41.1602

Trichromacy



Original Color

128.6010, 62.3147, -13.6821

Protanomaly

120.4400, 66.3381, -44.2359

Deuteranomaly

112.9940, 62.6140, -63.1387

Tritanomaly

123.5810, 32.2516, -31.2045

Monochromacy



Original Color

128.6010, 62.3147, -13.6821

Achromatopsia

129.0000, 0.0000, 0.0000

Achromatomaly

128.9280, 22.7135, -5.1989

CSS Examples

Text

The CSS property to change the color of the text to YUV 128.6010, 62.3147, -13.6821 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, 112, 255)` looks like.

```
.text, #text, p{  
    color:rgb(113, 112, 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(113, 112, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(113, 112, 255) }
```

Border

The CSS property to change the border of an element to YUV 128.6010, 62.3147, -13.6821 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, 112, 255) }
```


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

```
.border{ border-color:rgb(113, 112, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(113, 112, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(113, 112, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(113, 112, 255);  
box-shadow:4px 4px 4px 4px rgb(113, 112,  
255) }
```

Background

The CSS property to change the background color of an element to YUV 128.6010, 62.3147, -13.6821 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(113, 112, 255) }
```

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

```
.background{ background-color: rgb(113,  
112, 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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