

Converting Colors

YUV(126.0200, 63.5871,
-1.7715)

Have a look what the booklet for
YUV(126.0200, 63.5871, -1.7715)
contains.

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Color

**YUV(126.0200, 63.5871,
-1.7715)**

Conversions

Conversions Part 1

Format	Color
Hex	7C66FF
RGB	124, 102, 255
RGB Percent	49%, 40%, 100%
CMY	0.5137, 0.6000, 0.0000
CMYK	0.51, 0.60, 0.00, 0.00
HSL	249°, 100%, 70%
HSV	249°, 60%, 100%
XYZ	31.1136, 21.0078, 97.0228
YIQ	126.0200, -36.0010, 52.2470

Conversions

Conversions Part 2

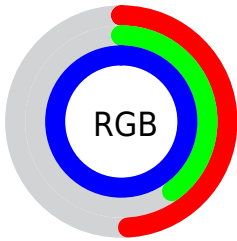
Format	Color
RYB	124, 102, 255
Decimal	8152831
CIELab	52.96, 47.36, -73.56
CIElCh	53, 87.491, 302.773
Yxy	21.0078, 0.2086, 0.1409
Android (android.graphics.Color)	4286342911 (0xFF7C66FF)
YUV	126.0200, 63.5871, -1.7715
Hunter-Lab	45.8343, 40.9606, -93.4220

Details

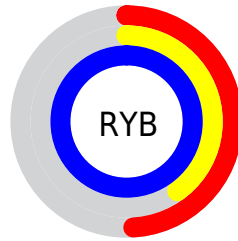
The YUV color **126.0200, 63.5871, -1.7715** is a light color, and the websafe version is hex **6666FF**. A complement of this color would be **230.9800, -63.5871, 1.7715**, and the grayscale version is **125.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **174.7830, 39.5470, 8.9603**, and **70.9110, 62.1619, -11.3229** is the 20% darker color. If you saturate the color by 10%, you get **104.7670, 74.0649, -2.4267**, and if you desaturate by 10%, it is **147.8600, 52.8200, -1.6312**.

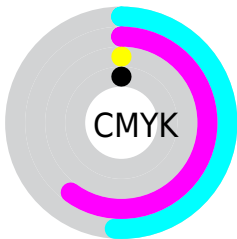
Distribution



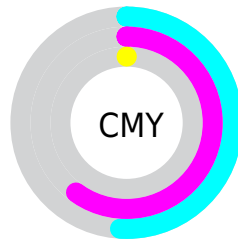
- Red (49%)
- Green (40%)
- Blue (100%)



- Red (49%)
- Yellow (40%)
- Blue (100%)



- Cyan (51%)
- Magenta (60%)
- Yellow (0%)
- Black (0%)



- Cyan (51%)
- Magenta (60%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YUV color 126.0200, 63.5871, -1.7715 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 126.0200, 63.5871, -1.7715 by changing the saturation by 10% instead.

■ 126.0200, 63.5871,
-1.7715

■ 126.0200, 63.5871,
-1.7715

255.0000, 0.0000,
0.0000

■ 98.7700, 62.7244,
-5.0603

■ 174.7830, 39.5470,
8.9603

■ 70.9110, 62.1619,
-11.3229

■ 199.6020, 27.3112,
13.5040

■ 36.8760, 65.1371,
-32.3403

■ 225.3070, 14.6386,
18.1478

■ 20.2970, 59.9996,
-17.8005

■ 244.4340, 5.2090,
9.2664

■ 13.1100, 50.2318,
-11.4975

■ 10.2600, 39.3118,
-8.9980

■ 11.5190, 26.3661,

-10.1022

■ 6.5490, 17.4773,
-5.7435

■ 2.8670, 8.4466,
-2.5144

■ 126.0200, 63.5871,
-1.7715

■ 126.0200, 63.5871,
-1.7715

■ 104.7670, 74.0649,
-2.4267

■ 147.8600, 52.8200,
-1.6312

■ 82.9270, 84.8320,
-2.5670

■ 169.1130, 42.3423,
-0.9761

■ 61.3860, 95.4517,
-2.0925

■ 190.9530, 31.5752,
-0.8358

■ 40.1330, 105.9294,
-2.7476

■ 211.9070, 21.2448,
-0.7954

■ 233.7470, 10.4777,
-0.6551

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.



108.3150, 72.3157, -94.9923



126.0200, 63.5871, -1.7715



115.2290, 40.3131, 90.1302

Triad

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



126.0200, 63.5871, -1.7715



116.7720, -57.5686, 78.2530



107.2070, 12.2229, -94.0205

Complementary

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



126.0200, 63.5871, -1.7715



230.9800, -63.5871, 1.7715

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.



95.5110, -22.4369, -83.7631



126.0200, 63.5871, -1.7715



118.2140, -58.2795, 26.1223

Square

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



126.0200, 63.5871, -1.7715



101.5490, -25.4137, 124.9295



104.2620, -51.4012, -33.5558



115.7570, 44.9828, -101.5189

Rectangle

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



126.0200, 63.5871, -1.7715



90.4260, 28.3840, 136.4384



104.2620, -51.4012, -33.5558



103.5420, 0.7188, -90.8063

Sweetspot

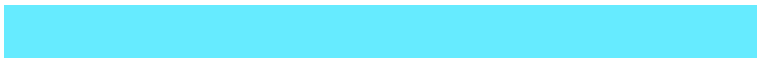
The Sweet Spot groups the original color and five complimentary colors.



126.0200, 63.5871, -1.7715



216.3370, 19.0609, -0.2955



197.5130, 28.3411, -83.7649



103.5020, 12.0775, -0.4403



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.



126.0200, 63.5871, -1.7715



100.0490, 76.3908, -1.7970



148.4450, 52.5316, 44.3367



117.0800, 5.3836, -0.0702



30.1460, 79.3010, -1.8820



9.9870, 26.6284, -0.8656

Inverse Universe

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



162.6810, 34.6673, 80.9638



144.0280, 41.8912, 97.3224



208.5550, -52.5316, -44.3367



120.1410, 2.8885, 6.8923



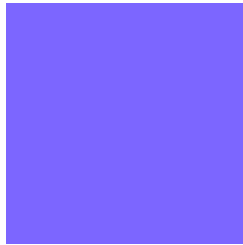
75.8050, 43.4801, 101.0260



25.4060, 14.5898, 33.8469

Previews

White Background



This preview shows how the YUV color 126.0200, 63.5871, -1.7715 looks on a white background.

Color Contrast Check

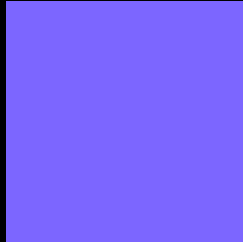
Large Text (above 18pt) WCAG AA ✓ Pass

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 126.0200, 63.5871, -1.7715 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

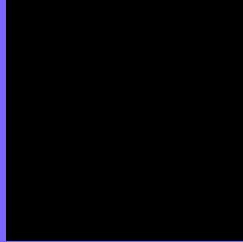
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 126.0200, 63.5871, -1.7715

Background



This preview shows how black text looks on a background with the YUV color 126.0200, 63.5871, -1.7715.



This preview shows how white text looks on a background with the YUV color 126.0200, 63.5871, -1.7715.

-1.7715.

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

126.0200, 63.5871, -1.7715

Protanopia

107.5720, 72.6820, -72.4156

Deuteranopia

101.2590, 60.5113, -88.8041



Tritanopia

121.0980, 11.2907, -28.1499

Trichromacy



Original Color

126.0200, 63.5871, -1.7715

Protanomaly

114.2270, 69.4011, -46.6801

Deuteranomaly

110.0980, 61.5767, -57.0909

Tritanomaly

123.0880, 30.0296, -18.4942

Monochromacy



Original Color

126.0200, 63.5871, -1.7715

Achromatopsia

126.0000, 0.0000, 0.0000

Achromatomaly

125.7760, 23.2814, -0.6806

CSS Examples

Text

The CSS property to change the color of the text to YUV 126.0200, 63.5871, -1.7715 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(124, 102, 255)` looks like.

```
.text, #text, p{  
    color:rgb(124, 102, 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(124, 102, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 102, 255) }
```

Border

The CSS property to change the border of an element to YUV 126.0200, 63.5871, -1.7715 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(124, 102, 255) }
```


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

```
.border{ border-color:rgb(124, 102, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(124, 102, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 102, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 102, 255);  
box-shadow:4px 4px 4px 4px rgb(124, 102,  
255) }
```

Background

The CSS property to change the background color of an element to YUV 126.0200, 63.5871, -1.7715 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 102, 255) }
```

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

```
.background{ background-color: rgb(124,  
102, 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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