

Converting Colors

YUV(122.5080, 63.3466,
-17.9855)

Have a look what the booklet for
YUV(122.5080, 63.3466, -17.9855)
contains.

YUV(122.5080, 63.3466, -17.9855)	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(122.5080, 63.3466,
-17.9855)**

Conversions

Conversions Part 1

Format	Color
Hex	666CFB
RGB	102, 108, 251
RGB Percent	40%, 42%, 98%
CMY	0.6000, 0.5765, 0.0157
CMYK	0.59, 0.57, 0.00, 0.02
HSL	238°, 95%, 69%
HSV	238°, 59%, 98%
XYZ	28.2546, 20.5149, 93.7374
YIQ	122.5080, -49.4790, 43.2010

Conversions

Conversions Part 2

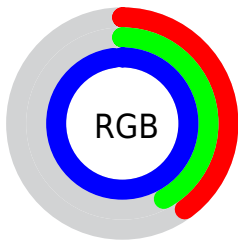
Format	Color
RYB	102, 108, 251
Decimal	6712571
CIELab	52.41, 38.81, -72.30
CIELCh	52, 82.061, 298.224
Yxy	20.5149, 0.1983, 0.1440
Android (android.graphics.Color)	4284902651 (0xFF666CFB)
YUV	122.5080, 63.3466, -17.9855
Hunter-Lab	45.2934, 32.0872, -90.9987

Details

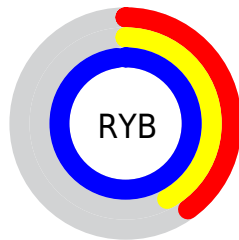
The YUV color **122.5080, 63.3466, -17.9855** is a light color, and the websafe version is hex **6666FF**. A complement of this color would be **230.4920, -63.3466, 17.9855**, and the grayscale version is **122.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **172.0260, 40.9062, -7.0388**, and **62.5930, 64.2907, -40.8621** is the 20% darker color. If you saturate the color by 10%, you get **100.9450, 73.9771, -20.9998**, and if you desaturate by 10%, it is **144.0710, 52.7160, -14.9713**.

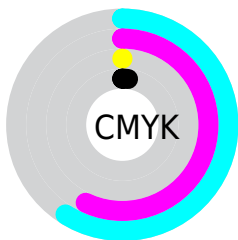
Distribution



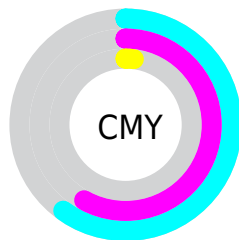
- Red (40%)
- Green (42%)
- Blue (98%)



- Red (40%)
- Yellow (42%)
- Blue (98%)



- Cyan (59%)
- Magenta (57%)
- Yellow (0%)
- Black (2%)



- Cyan (60%)
- Magenta (58%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the YUV color 122.5080, 63.3466, -17.9855 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 122.5080, 63.3466, -17.9855 by changing the saturation by 10% instead.

■ 122.5080, 63.3466,
-17.9855

■ 122.5080, 63.3466,
-17.9855

255.0000, 0.0000,
0.0000

■ 94.6490, 62.7840,
-24.2482

■ 172.0260, 40.9062,
-7.0388

■ 62.5930, 64.2907,
-40.8621

■ 197.1440, 28.5230,
-1.8803

■ 41.7030, 60.7854,
-36.5735

■ 222.2620, 16.1398,
3.2782

■ 26.8850, 54.7797,
-23.5781

■ 247.9560, 3.4727,
6.1776

■ 12.7680, 48.9214,
-11.1975

■ 14.0270, 35.9757,
-12.3017

■ 10.5900, 25.3451,

-9.2874

■ 6.2070, 16.1669,
-5.4435

■ 2.5250, 7.1362,
-2.2144

■ 122.5080, 63.3466,
-17.9855

■ 122.5080, 63.3466,
-17.9855

■ 100.9450, 73.9771,
-20.9998

■ 144.0710, 52.7160,
-14.9713

■ 79.3820, 84.6077,
-24.0140

■ 165.6340, 42.0854,
-11.9570

■ 57.8190, 95.2382,
-27.0283

■ 187.1970, 31.4549,
-8.9428

■ 36.2560, 105.8688,
-30.0425

■ 208.7600, 20.8243,
-5.9285

■ 34.4840, 106.7424,
-30.2425

■ 230.6220, 10.0464,
-2.2995

■ 252.7720, -0.8736,
0.2000

■ 254.5440, -1.7472,
0.3999

Harmonies

Analogous

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



108.9020, 72.0263, -95.5071



122.5080, 63.3466, -17.9855



121.1790, 39.3518, 71.7570

Triad

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



122.5080, 63.3466, -17.9855



114.4350, -56.4165, 82.0565



103.9640, 7.4127, -91.1764

Complementary

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



122.5080, 63.3466, -17.9855



230.4920, -63.3466, 17.9855

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.



92.8380, -25.0631, -81.4189



122.5080, 63.3466, -17.9855



117.3720, -57.8644, 32.9998

Square

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



122.5080, 63.3466, -17.9855



103.5960, -20.0138, 119.6263



107.8940, -53.1917, -19.2010



112.0580, 38.4254, -98.2749

Rectangle

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



122.5080, 63.3466, -17.9855



101.8380, 26.7019, 115.9061



107.8940, -53.1917, -19.2010



100.5270, -3.2178, -88.1622

Sweetspot

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



122.5080, 63.3466, -17.9855



215.4180, 19.5139, -5.6286



205.6510, 18.9061, -90.9019



103.4800, 12.0884, -3.9290



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.



122.5080, 63.3466, -17.9855



98.7430, 77.0347, -21.6996



139.0190, 55.2066, 26.2933



114.0690, 5.3890, -1.8145



26.2420, 80.2397, -23.0142



8.1280, 26.0659, -7.1283

Inverse Universe

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



147.2350, -19.3429, 91.0019



128.9170, -23.6231, 110.5748



213.9810, -55.2066, -26.2933



116.0010, -1.4795, 7.8921



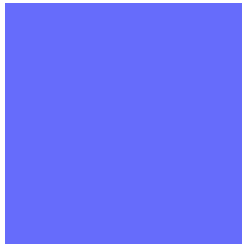
57.4230, -24.3655, 115.3930



18.4670, -8.1182, 37.3014

Previews

White Background



This preview shows how the YUV color 122.5080, 63.3466, -17.9855 looks on a white background.

Color Contrast Check

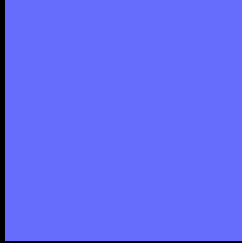
Large Text (above 18pt) WCAG AA ✓ Pass

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 122.5080, 63.3466, -17.9855 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 122.5080, 63.3466, -17.9855 Background



This preview shows how black text looks on a background with the YUV color 122.5080, 63.3466, -17.9855.



This preview shows how white text looks on a background with the YUV color 122.5080, 63.3466, -17.9855.

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

122.5080, 63.3466, -17.9855

Protanopia

99.5100, 76.6566, -87.2703

Deuteranopia

99.7430, 59.7797, -87.4746



Tritanopia

113.3340, 16.5973, -50.2819

Trichromacy



Original Color

122.5080, 63.3466, -17.9855

Protanomaly

108.1110, 71.9233, -62.3643

Deuteranomaly

107.9510, 61.1562, -62.2240

Tritanomaly

116.8790, 33.5837, -38.4819

Monochromacy



Original Color

122.5080, 63.3466, -17.9855

Achromatopsia

123.0000, 0.0000, 0.0000

Achromatomaly

123.0310, 23.1557, -7.0432

CSS Examples

Text

The CSS property to change the color of the text to YUV 122.5080, 63.3466, -17.9855 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(102, 108, 251)` looks like.

```
.text, #text, p{  
    color:rgb(102, 108, 251)  
}
```

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(102, 108, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(102, 108, 251) }
```

Border

The CSS property to change the border of an element to YUV 122.5080, 63.3466, -17.9855 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(102, 108, 251) }
```


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

```
.border{ border-color:rgb(102, 108, 251) }
```

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

Here you see how a box with a 4 pixel `rgb(102, 108, 251)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(102, 108, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(102, 108, 251);  
box-shadow:4px 4px 4px 4px rgb(102, 108,  
251) }
```

Background

The CSS property to change the background color of an element to YUV 122.5080, 63.3466, -17.9855 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(102, 108, 251) }
```

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

```
.background{ background-color: rgb(102,  
108, 251) }
```

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