

Converting Colors

YUV(123.5400, 64.8098,
-20.6446)

Have a look what the booklet for
YUV(123.5400, 64.8098, -20.6446)
contains.

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Color

**YUV(123.5400, 64.8098,
-20.6446)**

Conversions

Conversions Part 1

Format	Color
Hex	646EFF
RGB	100, 110, 255
RGB Percent	39%, 43%, 100%
CMY	0.6078, 0.5686, 0.0000
CMYK	0.61, 0.57, 0.00, 0.00
HSL	236°, 100%, 70%
HSV	236°, 61%, 100%
XYZ	28.8815, 21.0812, 97.1546
YIQ	123.5400, -52.5050, 42.9750

Conversions

Conversions Part 2

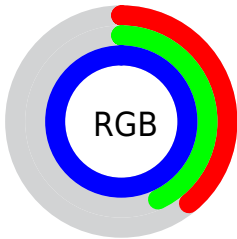
Format	Color
RYB	100, 109, 255
Decimal	6582015
CIELab	53.04, 38.57, -73.51
CIELCh	53, 83.017, 297.684
Yxy	21.0812, 0.1963, 0.1433
Android (android.graphics.Color)	4284772095 (0xFF646EFF)
YUV	123.5400, 64.8098, -20.6446
Hunter-Lab	45.9143, 31.9320, -93.3177

Details

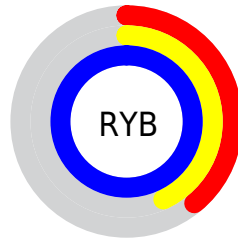
The YUV color **123.5400, 64.8098, -20.6446** is a light color, and the websafe version is hex **6666FF**. A complement of this color would be **231.4600, -64.8098, 20.6446**, and the grayscale version is **123.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **172.9010, 40.4748, -8.6832**, and **60.0370, 67.5228, -50.8984** is the 20% darker color. If you saturate the color by 10%, you get **101.9770, 75.4403, -23.6588**, and if you desaturate by 10%, it is **145.1030, 54.1792, -17.6303**.

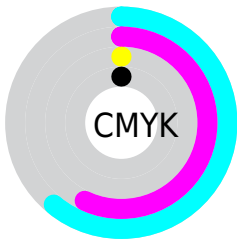
Distribution



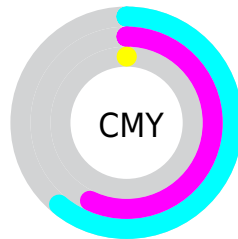
- Red (39%)
- Green (43%)
- Blue (100%)



- Red (39%)
- Yellow (43%)
- Blue (100%)



- Cyan (61%)
- Magenta (57%)
- Yellow (0%)
- Black (0%)



- Cyan (61%)
- Magenta (57%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YUV color 123.5400, 64.8098, -20.6446 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 123.5400, 64.8098, -20.6446 by changing the saturation by 10% instead.

■ 123.5400, 64.8098,
-20.6446

■ 123.5400, 64.8098,
-20.6446

255.0000, 0.0000,
0.0000

■ 95.3820, 64.3947,
-27.5220

■ 172.9010, 40.4748,
-8.6832

■ 60.0370, 67.5228,
-50.8984

■ 198.0190, 28.0916,
-3.5247

■ 43.3330, 61.9538,
-38.0030

■ 223.1370, 15.7085,
1.6339

■ 28.5150, 55.9481,
-25.0077

■ 249.1300, 2.8939,
5.1480

■ 13.8110, 50.3792,
-12.1122

■ 13.7820, 37.5755,
-12.0868

■ 11.5190, 26.3661,

-10.1022

■ 6.5490, 17.4773,
-5.7435

■ 2.8670, 8.4466,
-2.5144

■ 123.5400, 64.8098,
-20.6446

■ 123.5400, 64.8098,
-20.6446

■ 101.9770, 75.4403,
-23.6588

■ 145.1030, 54.1792,
-17.6303

■ 80.1150, 86.2183,
-27.2879

■ 166.9650, 43.4013,
-14.0013

■ 58.5520, 96.8489,
-30.3021

■ 188.8270, 32.6233,
-10.3723

■ 38.4620, 106.7532,
-33.7312

■ 209.8030, 22.2821,
-6.8432

■ 231.3660, 11.6516,
-3.8290

■ 253.2280, 0.8736,
-0.2000

■ 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.



110.0760, 71.4475, -96.5367



123.5400, 64.8098, -20.6446



122.9940, 39.9360, 71.0423

Triad

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



123.5400, 64.8098, -20.6446



115.9190, -57.1481, 83.3860



105.1380, 6.8340, -92.2060

Complementary

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



123.5400, 64.8098, -20.6446



231.4600, -64.8098, 20.6446

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.



93.3110, -25.7893, -81.8337



123.5400, 64.8098, -20.6446



119.1550, -58.7434, 34.9441

Square

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



123.5400, 64.8098, -20.6446



104.1340, -19.2931, 121.7855



109.0790, -53.7759, -18.4863



113.4600, 38.7202, -99.5044

Rectangle

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



123.5400, 64.8098, -20.6446



103.3650, 27.4281, 116.3209



109.0790, -53.7759, -18.4863



101.7010, -3.7966, -89.1918

Sweetspot

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



123.5400, 64.8098, -20.6446



216.0050, 19.2245, -6.1434



207.5150, 18.4801, -94.2907



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.



123.5400, 64.8098, -20.6446



97.2480, 77.7717, -24.7735



137.7030, 57.8274, 25.6935



117.0690, 5.3890, -1.8145



28.8180, 79.9557, -25.2734



9.6440, 26.7975, -8.4578

Inverse Universe

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



147.4850, -18.4801, 94.2907



125.9820, -22.1761, 113.1488



217.2970, -57.8274, -25.6935



119.0010, -1.4795, 7.8921



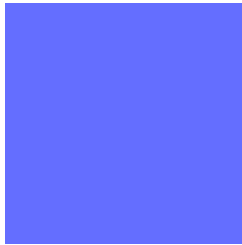
58.4770, -22.9132, 116.2227



19.5920, -7.6869, 38.9458

Previews

White Background



This preview shows how the YUV color 123.5400, 64.8098, -20.6446 looks on a white background.

Color Contrast Check

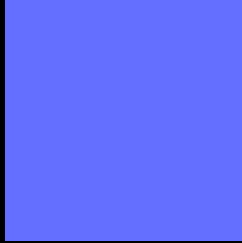
Large Text (above 18pt) WCAG AA ✓ Pass

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 123.5400, 64.8098, -20.6446 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 123.5400, 64.8098, -20.6446

Background



This preview shows how black text looks on a background with the YUV color 123.5400, 64.8098, -20.6446.



This preview shows how white text looks on a background with the YUV color 123.5400, 64.8098, -20.6446.

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

123.5400, 64.8098, -20.6446

Protanopia

107.8710, 72.5346, -71.8009

Deuteranopia

101.1450, 60.0745, -88.7042



Tritanopia

112.6430, 17.9240, -55.8149

Trichromacy



Original Color

123.5400, 64.8098, -20.6446

Protanomaly

113.5960, 69.7122, -53.1427

Deuteranomaly

109.1680, 62.0352, -64.1683

Tritanomaly

116.9000, 35.0523, -42.8853

Monochromacy



Original Color

123.5400, 64.8098, -20.6446

Achromatopsia

124.0000, 0.0000, 0.0000

Achromatomaly

123.8460, 23.7399, -7.7579

CSS Examples

Text

The CSS property to change the color of the text to YUV 123.5400, 64.8098, -20.6446 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(100, 110, 255)` looks like.

```
.text, #text, p{  
    color:rgb(100, 110, 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(100, 110, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(100, 110, 255) }
```

Border

The CSS property to change the border of an element to YUV 123.5400, 64.8098, -20.6446 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(100, 110, 255) }
```


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

```
.border{ border-color:rgb(100, 110, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(100, 110, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(100, 110, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(100, 110, 255);  
box-shadow:4px 4px 4px 4px rgb(100, 110,  
255) }
```

Background

The CSS property to change the background color of an element to YUV 123.5400, 64.8098, -20.6446 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(100, 110, 255) }
```

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

```
.background{ background-color: rgb(100,  
110, 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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