

Converting Colors

YUV(131.9950, 51.2745,
-19.2896)

Have a look what the booklet for
YUV(131.9950, 51.2745, -19.2896)
contains.

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Color

**YUV(131.9950, 51.2745,
-19.2896)**

Conversions

Conversions Part 1

Format	Color
Hex	6E7BEC
RGB	110, 123, 236
RGB Percent	43%, 48%, 93%
CMY	0.5686, 0.5176, 0.0745
CMYK	0.53, 0.48, 0.00, 0.07
HSL	234°, 77%, 68%
HSV	234°, 53%, 93%
XYZ	28.6537, 23.5370, 82.3898
YIQ	131.9950, -44.0210, 32.3870

Conversions

Conversions Part 2

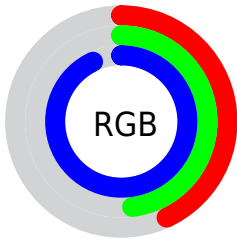
Format	Color
RYB	110, 122, 236
Decimal	7240684
CIELab	55.62, 26.55, -58.77
CIElCh	56, 64.484, 294.313
Yxy	23.5370, 0.2129, 0.1749
Android (android.graphics.Color)	4285430764 (0xFF6E7BEC)
YUV	131.9950, 51.2745, -19.2896
Hunter-Lab	48.5150, 20.5236, -66.7278

Details

The YUV color **131.9950, 51.2745, -19.2896** is a light color, and the websafe version is hex **6666CC**. A complement of this color would be **214.0050, -51.2745, 19.2896**, and the grayscale version is **132.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **182.3260, 35.8283, -11.6869**, and **77.8860, 49.8492, -28.8410** is the 20% darker color. If you saturate the color by 10%, you get **112.4920, 60.8894, -23.2335**, and if you desaturate by 10%, it is **151.4980, 41.6595, -15.3457**.

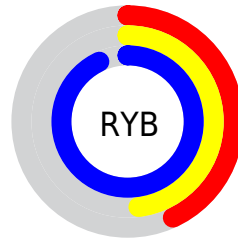
Distribution



Red (43%)

Green (48%)

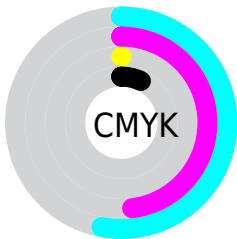
Blue (93%)



Red (43%)

Yellow (48%)

Blue (93%)

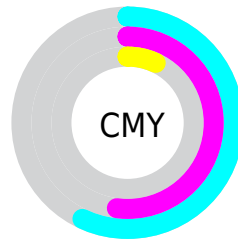


Cyan (53%)

Magenta (48%)

Yellow (0%)

Black (7%)



Cyan (57%)

Magenta (52%)

Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the YUV color 131.9950, 51.2745, -19.2896 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 131.9950, 51.2745, -19.2896 by changing the saturation by 10% instead.

■ 131.9950, 51.2745,
-19.2896

■ 131.9950, 51.2745,
-19.2896

255.0000, 0.0000,
0.0000

■ 104.7450, 50.4117,
-22.5784

■ 182.3260, 35.8283,
-11.6869

■ 77.8860, 49.8492,
-28.8410

■ 207.7320, 23.3031,
-7.6580

■ 47.8520, 51.3450,
-41.9662

■ 232.8390, 10.9254,
-4.2438

■ 33.0340, 45.3392,
-28.9708

■ 19.0310, 39.9177,
-16.6902

■ 10.3110, 31.8917,
-9.0427

■ 8.1620, 21.1191,

-7.1581

■ 4.4800, 12.0884,
-3.9290

■ 0.0000, 0.0000,
0.0000

■ 131.9950, 51.2745,
-19.2896

■ 131.9950, 51.2745,
-19.2896

■ 112.4920, 60.8894,
-23.2335

■ 151.4980, 41.6595,
-15.3457

■ 93.2880, 70.3570,
-26.5626

■ 170.7020, 32.1919,
-12.0167

■ 73.7850, 79.9720,
-30.5064

■ 190.2050, 22.5769,
-8.0728

■ 53.9940, 89.7290,
-33.3207

■ 209.9960, 12.8200,
-5.2585

■ 40.9920, 96.1389,
-35.9500

■ 229.4990, 3.2050,
-1.3146

■ 249.0020, -6.4100,
2.6292

■ 252.8340, -8.2992,
1.8996

Harmonies

Analogous

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



111.8710, 65.6326, -98.1109



131.9950, 51.2745, -19.2896



136.4350, 30.8445, 46.9765

Triad

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



131.9950, 51.2745, -19.2896



128.0990, -43.4328, 70.9502



106.4260, 6.6920, -93.3356

Complementary

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



131.9950, 51.2745, -19.2896



214.0050, -51.2745, 19.2896

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.



105.3540, -20.8805, -69.5935



131.9950, 51.2745, -19.2896



125.0800, -61.6644, 38.5178

Square

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



131.9950, 51.2745, -19.2896



126.4030, -17.4537, 91.7316



119.4400, -57.8979, -3.0169



113.6250, 31.7369, -99.6491

Rectangle

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



131.9950, 51.2745, -19.2896



131.5390, 16.4963, 75.8263



119.4400, -57.8979, -3.0169



103.6730, -1.3178, -90.9212

Sweetspot

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



131.9950, 51.2745, -19.2896



221.0220, 16.7512, -6.1583



196.6160, 12.0213, -75.9622



107.6110, 10.0518, -4.0438



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.



131.9950, 51.2745, -19.2896



120.5610, 66.2784, -25.0480



138.7160, 47.9610, 16.9121



107.8410, 4.5154, -1.6146



31.7870, 73.5620, -27.8772



9.6780, 21.8507, -8.4876

Inverse Universe

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



149.1560, -12.8949, 76.1622



142.6750, -16.6018, 98.5090



207.2840, -47.9610, -16.9121



109.4030, -1.1847, 6.6626



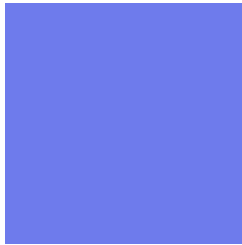
56.2850, -18.3815, 109.3751



16.8300, -5.3392, 32.5981

Previews

White Background



This preview shows how the YUV color 131.9950, 51.2745, -19.2896 looks on a white background.

Color Contrast Check

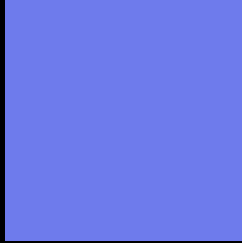
Large Text (above 18pt) WCAG AA ✓ Pass

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 131.9950, 51.2745, -19.2896 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 131.9950, 51.2745, -19.2896

Background



This preview shows how black text looks on a background with the YUV color 131.9950, 51.2745, -19.2896.



This preview shows how white text looks on a background with the YUV color 131.9950, 51.2745, -19.2896.

-19.2896.

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

131.9950, 51.2745, -19.2896

Protanopia

126.3340, 57.0233, -43.2659

Deuteranopia

119.5610, 55.9254, -64.5130



Tritanopia

125.4280, 14.0860, -38.0864

Trichromacy



Original Color

131.9950, 51.2745, -19.2896

Protanomaly

128.5200, 54.9596, -34.6590

Deuteranomaly

124.2040, 54.1294, -48.4139

Tritanomaly

127.7290, 27.7416, -31.3343

Monochromacy



Original Color

131.9950, 51.2745, -19.2896

Achromatopsia

132.0000, 0.0000, 0.0000

Achromatomaly

132.1790, 18.6458, -7.1730

CSS Examples

Text

The CSS property to change the color of the text to YUV 131.9950, 51.2745, -19.2896 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, 123, 236)` looks like.

```
.text, #text, p{  
    color:rgb(110, 123, 236)  
}
```

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, 123, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 123, 236) }
```

Border

The CSS property to change the border of an element to YUV 131.9950, 51.2745, -19.2896 is called "border".

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

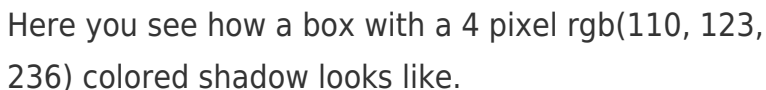
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(110, 123, 236) }
```


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

```
.border{ border-color:rgb(110, 123, 236) }
```

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



Here you see how a box with a 4 pixel `rgb(110, 123, 236)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(110, 123, 236); -webkit-box-  
shadow:4px 4px 4px 4px rgb(110, 123, 236);  
box-shadow:4px 4px 4px 4px rgb(110, 123,  
236) }
```

Background

The CSS property to change the background color of an element to YUV 131.9950, 51.2745, -19.2896 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 123, 236) }
```

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

```
.background{ background-color: rgb(110,  
123, 236) }
```

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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