

Converting Colors

YUV(131.2480, 57.5587,
-28.2815)

Have a look what the booklet for
YUV(131.2480, 57.5587, -28.2815)
contains.

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Color

**YUV(131.2480, 57.5587,
-28.2815)**

Conversions

Conversions Part 1

Format	Color
Hex	637DF8
RGB	99, 125, 248
RGB Percent	39%, 49%, 97%
CMY	0.6118, 0.5098, 0.0275
CMYK	0.60, 0.50, 0.00, 0.03
HSL	230°, 91%, 68%
HSV	230°, 60%, 97%
XYZ	29.4225, 24.0972, 91.9074
YIQ	131.2480, -54.9790, 32.7410

Conversions

Conversions Part 2

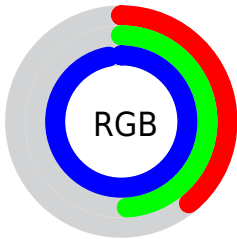
Format	Color
R _Y B	99, 121, 248
Decimal	6520312
CIE Lab	56.18, 27.09, -64.56
CIE LCh	56, 70.011, 292.766
Yxy	24.0972, 0.2023, 0.1657
Android (android.graphics.Color)	4284710392 (0xFF637DF8)
YUV	131.2480, 57.5587, -28.2815
Hunter-Lab	49.0889, 21.0823, -76.6444

Details

The YUV color **131.2480, 57.5587, -28.2815** is a light color, and the websafe version is hex **6666CC**. A complement of this color would be **215.7520, -57.5587, 28.2815**, and the grayscale version is **131.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **181.1080, 36.4288, -17.6347**, and **70.8600, 59.2290, -50.7432** is the 20% darker color. If you saturate the color by 10%, you get **112.0330, 67.0317, -33.3549**, and if you desaturate by 10%, it is **150.4630, 48.0857, -23.2081**.

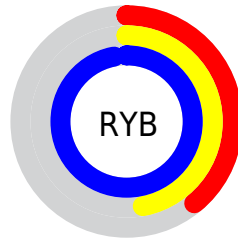
Distribution



Red (39%)

Green (49%)

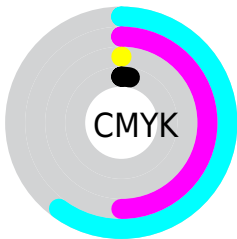
Blue (97%)



Red (39%)

Yellow (47%)

Blue (97%)

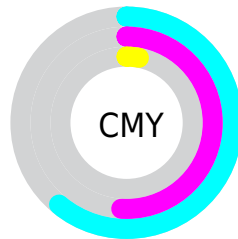


Cyan (60%)

Magenta (50%)

Yellow (0%)

Black (3%)



Cyan (61%)

Magenta (51%)

Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the YUV color 131.2480, 57.5587, -28.2815 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 131.2480, 57.5587, -28.2815 by changing the saturation by 10% instead.

■ 131.2480, 57.5587,
-28.2815

■ 131.2480, 57.5587,
-28.2815

255.0000, 0.0000,
0.0000

■ 103.1010, 57.1382,
-33.4146

■ 181.1080, 36.4288,
-17.6347

■ 70.8600, 59.2290,
-50.7432

■ 206.5140, 23.9036,
-13.6058

■ 50.8670, 55.2816,
-44.6104

■ 231.9200, 11.3784,
-9.5768

■ 35.4620, 49.5652,
-31.1002

254.1030, 0.4422,
-1.8443

■ 21.9320, 43.4175,
-19.2344

■ 11.4510, 36.2597,
-10.0425

■ 10.3620, 24.4715,

-9.0875

■ 5.5060, 16.0195,
-4.8288

■ 2.2970, 6.2626,
-2.0145

■ 131.2480, 57.5587,
-28.2815

■ 131.2480, 57.5587,
-28.2815

■ 112.0330, 67.0317,
-33.3549

■ 150.4630, 48.0857,
-23.2081

■ 92.2310, 76.7941,
-37.9136

■ 170.2650, 38.3234,
-18.6494

■ 73.3150, 86.1197,
-42.3723

■ 189.1810, 28.9978,
-14.1907

■ 53.5130, 95.8821,
-46.9309

■ 208.9830, 19.2354,
-9.6321

■ 228.1980, 9.7624,
-4.5586

■ 248.0000, 0.0000,
0.0000

■ 254.2020, -3.0576,
0.6998

Harmonies

Analogous

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



115.3590, 68.8430, -101.1698



131.2480, 57.5587, -28.2815



137.2980, 35.3491, 48.8507

Triad

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



131.2480, 57.5587, -28.2815



127.4590, -46.0753, 78.5275



107.8450, 4.5134, -94.5801

Complementary

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



131.2480, 57.5587, -28.2815



215.7520, -57.5587, 28.2815

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.



100.1200, -22.7372, -80.7892



131.2480, 57.5587, -28.2815



126.5750, -62.4015, 41.5917

Square

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



131.2480, 57.5587, -28.2815



125.0990, -16.3178, 100.7682



120.3970, -59.3557, -2.1022



115.6140, 31.7423, -101.3935

Rectangle

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



131.2480, 57.5587, -28.2815



131.4950, 19.9690, 82.0039



120.3970, -59.3557, -2.1022



104.8640, -4.3700, -91.9657

Sweetspot

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



131.2480, 57.5587, -28.2815



218.9400, 17.7776, -8.7174



200.3710, 10.1701, -88.9024



105.2410, 11.2202, -5.4734



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.



131.2480, 57.5587, -28.2815



110.7600, 71.1103, -34.8695



130.0390, 58.1548, 13.9978



115.2430, 4.8102, -2.8441



40.9170, 73.0049, -35.8842



13.4110, 23.4614, -11.7614

Inverse Universe

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



146.5150, -10.6069, 89.0023



129.6640, -13.1454, 109.9197



216.9610, -58.1548, -13.9978



116.2290, -0.6059, 7.6922



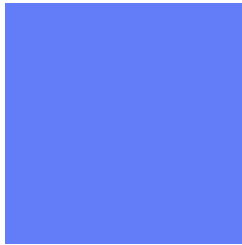
60.2730, -13.4456, 112.8936



19.4930, -4.1870, 36.4016

Previews

White Background



This preview shows how the YUV color 131.2480, 57.5587, -28.2815 looks on a white background.

Color Contrast Check

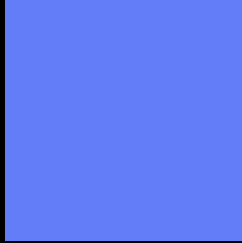
Large Text (above 18pt) WCAG AA ✓ Pass

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 131.2480, 57.5587, -28.2815 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 131.2480, 57.5587, -28.2815

Background



This preview shows how black text looks on a background with the YUV color 131.2480, 57.5587, -28.2815.



This preview shows how white text looks on a background with the YUV color 131.2480, 57.5587, -28.2815.

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

131.2480, 57.5587, -28.2815

Protanopia

125.1850, 63.0128, -51.0282

Deuteranopia

107.8930, 65.6218, -94.6222



Tritanopia

121.0560, 18.2134, -55.3001

Trichromacy



Original Color

131.2480, 57.5587, -28.2815

Protanomaly

127.3710, 60.9491, -42.4214

Deuteranomaly

116.6510, 62.7831, -70.7309

Tritanomaly

124.6070, 32.7317, -45.2593

Monochromacy



Original Color

131.2480, 57.5587, -28.2815

Achromatopsia

131.0000, 0.0000, 0.0000

Achromatomaly

131.1400, 21.1300, -10.6468

CSS Examples

Text

The CSS property to change the color of the text to YUV 131.2480, 57.5587, -28.2815 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(99, 125, 248)` looks like.

```
.text, #text, p{  
    color:rgb(99, 125, 248)  
}
```

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(99, 125, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(99, 125, 248) }
```

Border

The CSS property to change the border of an element to YUV 131.2480, 57.5587, -28.2815 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(99, 125, 248) }
```


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

```
.border{ border-color:rgb(99, 125, 248) }
```

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

Here you see how a box with a 4 pixel rgb(99, 125, 248) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(99, 125, 248); -webkit-box-  
shadow:4px 4px 4px 4px rgb(99, 125, 248);  
box-shadow:4px 4px 4px 4px rgb(99, 125,  
248) }
```

Background

The CSS property to change the background color of an element to YUV 131.2480, 57.5587, -28.2815 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(99, 125, 248) }
```

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

```
.background{ background-color: rgb(99, 125,  
248) }
```

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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