

Converting Colors

YUV(131.4040, 60.9328,
-37.1883)

Have a look what the booklet for
YUV(131.4040, 60.9328, -37.1883)
contains.

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Color

**YUV(131.4040, 60.9328,
-37.1883)**

Conversions

Conversions Part 1

Format	Color
Hex	5981FF
RGB	89, 129, 255
RGB Percent	35%, 51%, 100%
CMY	0.6510, 0.4941, 0.0000
CMYK	0.65, 0.49, 0.00, 0.00
HSL	226°, 100%, 67%
HSV	226°, 65%, 100%
XYZ	30.0201, 25.0444, 97.8596
YIQ	131.4040, -64.2860, 30.7060

Conversions

Conversions Part 2

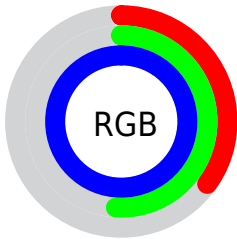
Format	Color
R _Y B	89, 121, 255
Decimal	5865983
CIE Lab	57.12, 25.34, -66.94
CIE LCh	57, 71.579, 290.735
Yxy	25.0444, 0.1963, 0.1638
Android (android.graphics.Color)	4284056063 (0xFF5981FF)
YUV	131.4040, 60.9328, -37.1883
Hunter-Lab	50.0443, 19.4991, -80.9080

Details

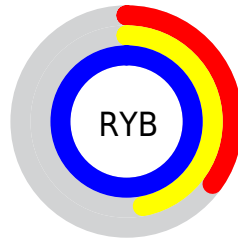
The YUV color **131.4040, 60.9328, -37.1883** is a light color, and the websafe version is hex **3366CC**. The color can be described as light muted azure. A complement of this color would be **212.5960, -60.9328, 37.1883**, and the grayscale version is **131.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **181.0640, 36.4504, -24.6121**, and **70.0050, 62.6085, -61.3944** is the 20% darker color. If you saturate the color by 10%, you get **112.7760, 70.1164, -42.7766**, and if you desaturate by 10%, it is **150.3310, 51.6018, -30.9853**.

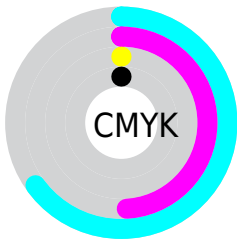
Distribution



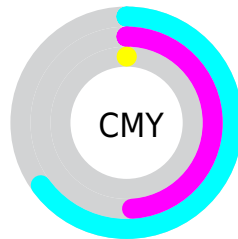
- Red (35%)
- Green (51%)
- Blue (100%)



- Red (35%)
- Yellow (47%)
- Blue (100%)



- Cyan (65%)
- Magenta (49%)
- Yellow (0%)
- Black (0%)



- Cyan (65%)
- Magenta (49%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YUV color 131.4040, 60.9328, -37.1883 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 131.4040, 60.9328, -37.1883 by changing the saturation by 10% instead.

■ 131.4040, 60.9328,
-37.1883

■ 131.4040, 60.9328,
-37.1883

255.0000, 0.0000,
0.0000

■ 101.7620, 61.2493,
-45.3953

■ 181.0640, 36.4504,
-24.6121

■ 70.0050, 62.6085,
-61.3944

■ 206.7690, 23.7779,
-19.9684

■ 53.3120, 57.0342,
-46.7546

■ 232.4740, 11.1053,
-15.3247

■ 38.4940, 51.0285,
-33.7592

■ 252.3090, 1.3267,
-5.5330

■ 25.5510, 44.5914,
-22.4082

■ 12.1350, 38.8804,
-10.6424

■ 11.6330, 26.8029,

-10.2021

■ 6.6630, 17.9141,
-5.8435

■ 2.9810, 8.8834,
-2.6143

■ 131.4040, 60.9328,
-37.1883

■ 131.4040, 60.9328,
-37.1883

■ 112.7760, 70.1164,
-42.7766

■ 150.3310, 51.6018,
-30.9853

■ 93.2620, 79.7368,
-48.4648

■ 169.5460, 42.1288,
-25.9118

■ 74.6340, 88.9204,
-54.0530

■ 188.4730, 32.7978,
-19.7088

■ 64.8770, 93.7306,
-56.8971

■ 207.1010, 23.6142,
-14.1206

■ 226.6150, 13.9938,
-8.4324

■ 245.2430, 4.8102,
-2.8441

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.



117.1200, 67.9748, -102.7142



131.4040, 60.9328, -37.1883



139.6720, 38.1227, 45.8917

Triad

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



131.4040, 60.9328, -37.1883



130.0080, -45.3599, 82.4310



109.3780, 2.7716, -95.9245

Complementary

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



131.4040, 60.9328, -37.1883



212.5960, -60.9328, 37.1883

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.



106.5190, -27.8639, -69.7382



131.4040, 60.9328, -37.1883



128.6680, -63.4333, 45.8952

Square

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



131.4040, 60.9328, -37.1883



126.8760, -14.7289, 104.4717



123.3650, -60.8189, 0.5569



117.3750, 30.8741, -102.9379

Rectangle

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



131.4040, 60.9328, -37.1883



134.1790, 22.5898, 81.4040



123.3650, -60.8189, 0.5569



106.2830, -6.5485, -93.2102

Sweetspot

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



131.4040, 60.9328, -37.1883



216.8580, 18.8040, -11.2765



200.6920, 6.5608, -97.9539



104.6430, 11.5150, -6.7029



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.



131.4040, 60.9328, -37.1883



106.8620, 73.0320, -44.6060



120.4820, 66.3174, 9.2243



118.2430, 4.8102, -2.8441



48.7760, 70.1164, -42.7766



16.1010, 23.6142, -14.1206

Inverse Universe

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



143.1940, -6.9976, 98.0539



120.9730, -8.3677, 117.5417



223.8170, -66.4648, -8.6095



119.2290, -0.6059, 7.6922



62.3530, -8.0620, 112.8234



20.8460, -2.8821, 37.8461

Previews

White Background



This preview shows how the YUV color 131.4040, 60.9328, -37.1883 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 131.4040, 60.9328, -37.1883 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 131.4040, 60.9328, -37.1883

Background



This preview shows how black text looks on a background with the YUV color 131.4040, 60.9328, -37.1883.



This preview shows how white text looks on a background with the YUV color 131.4040, 60.9328, -37.1883.

-37.1883.

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

131.4040, 60.9328, -37.1883

Protanopia

127.7830, 62.7180, -49.7987

Deuteranopia

109.5230, 66.7902, -96.0517



Tritanopia

115.2920, 23.5200, -77.4321

Trichromacy



Original Color

131.4040, 60.9328, -37.1883

Protanomaly

129.2890, 61.9755, -44.9805

Deuteranomaly

117.1990, 64.9779, -74.7195

Tritanomaly

121.2350, 36.8591, -62.4731

Monochromacy



Original Color

131.4040, 60.9328, -37.1883

Achromatopsia

131.0000, 0.0000, 0.0000

Achromatomaly

131.0580, 22.1564, -13.2059

CSS Examples

Text

The CSS property to change the color of the text to YUV 131.4040, 60.9328, -37.1883 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(89, 129, 255)` looks like.

```
.text, #text, p{  
    color:rgb(89, 129, 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(89, 129, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(89, 129, 255) }
```

Border

The CSS property to change the border of an element to YUV 131.4040, 60.9328, -37.1883 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(89, 129, 255) }
```


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

```
.border{ border-color:rgb(89, 129, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(89, 129, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(89, 129, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(89, 129, 255);  
box-shadow:4px 4px 4px 4px rgb(89, 129,  
255) }
```

Background

The CSS property to change the background color of an element to YUV 131.4040, 60.9328, -37.1883 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(89, 129, 255) }
```

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

```
.background{ background-color: rgb(89, 129,  
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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