

Converting Colors

YUV(101.1930, 64.4879,
-10.6933)

Have a look what the booklet for
YUV(101.1930, 64.4879, -10.6933)
contains.

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Color

**YUV(101.1930, 64.4879,
-10.6933)**

Conversions

Conversions Part 1

Format	Color
Hex	5952E8
RGB	89, 82, 232
RGB Percent	35%, 32%, 91%
CMY	0.6510, 0.6784, 0.0902
CMYK	0.62, 0.65, 0.00, 0.09
HSL	243°, 77%, 62%
HSV	243°, 65%, 91%
XYZ	21.7026, 13.9846, 77.8994
YIQ	101.1930, -43.9780, 48.1340

Conversions

Conversions Part 2

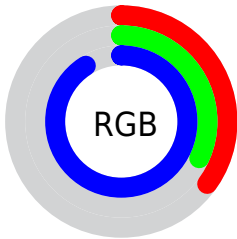
Format	Color
R _Y B	89, 82, 232
Decimal	5853928
CIE Lab	44.21, 46.08, -75.07
CIE LCh	44, 88.078, 301.542
Yxy	13.9846, 0.1911, 0.1231
Android (android.graphics.Color)	4284044008 (0xFF5952E8)
YUV	101.1930, 64.4879, -10.6933
Hunter-Lab	37.3960, 38.1486, -97.3293

Details

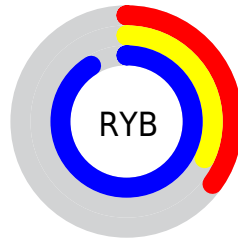
The YUV color **101.1930, 64.4879, -10.6933** is a dark color, and the websafe version is hex **6666FF**. The color can be described as middle muted blue. A complement of this color would be **212.8070, -64.4879, 10.6933**, and the grayscale version is **101.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **152.0020, 50.7780, -0.0018**, and **41.0820, 66.0216, -36.0289** is the 20% darker color. If you saturate the color by 10%, you get **81.1140, 74.3868, -12.3780**, and if you desaturate by 10%, it is **121.2720, 54.5889, -9.0085**.

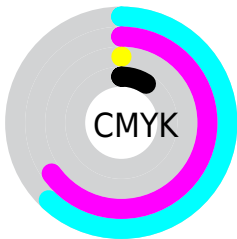
Distribution



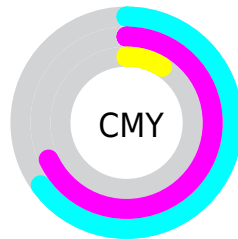
- Red (35%)
- Green (32%)
- Blue (91%)



- Red (35%)
- Yellow (32%)
- Blue (91%)



- Cyan (62%)
- Magenta (65%)
- Yellow (0%)
- Black (9%)



- Cyan (65%)
- Magenta (68%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the YUV color 101.1930, 64.4879, -10.6933 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 101.1930, 64.4879, -10.6933 by changing the saturation by 10% instead.

■ 101.1930, 64.4879,
-10.6933

■ 101.1930, 64.4879,
-10.6933

255.0000, 0.0000,
0.0000

■ 72.7360, 64.2202,
-18.1855

■ 152.0020, 50.7780,
-0.0018

■ 41.0820, 66.0216,
-36.0289

■ 177.1200, 38.3948,
5.1568

■ 25.0900, 60.5946,
-22.0039

■ 201.9390, 26.1591,
9.7005

■ 13.7940, 52.8526,
-12.0973

■ 227.6440, 13.4865,
14.3442

■ 10.8300, 41.4958,
-9.4979

■ 247.3690, 3.7621,
6.6924

■ 12.6760, 28.2607,
-11.1169

■ 7.7060, 19.3719,

-6.7582

■ 3.4370, 10.6306,
-3.0142

■ 0.0000, 0.0000,
0.0000

■ 101.1930, 64.4879,
-10.6933

■ 101.1930, 64.4879,
-10.6933

■ 81.1140, 74.3868,
-12.3780

■ 121.2720, 54.5889,
-9.0085

■ 61.0350, 84.2857,
-14.0627

■ 141.3510, 44.6900,
-7.3238

■ 40.3690, 94.4741,
-15.2326

■ 162.0170, 34.5016,
-6.1539

■ 29.7370, 99.7157,
-16.4323

■ 182.0960, 24.6027,
-4.4692

■ 202.4740, 14.5563,
-2.1697

■ 222.5530, 4.6574,
-0.4850

■ 242.6320, -5.2416,
1.1997

■ 252.3780,
-10.0464, 2.2995

Harmonies

Analogous

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



96.4610, 77.6667, -84.5963



101.1930, 64.4879, -10.6933



76.8740, 48.8691, 99.2115

Triad

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



101.1930, 64.4879, -10.6933



95.2090, -46.9380, 75.2387



89.6820, 8.5378, -78.6511

Complementary

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



101.1930, 64.4879, -10.6933



212.8070, -64.4879, 10.6933

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.



78.2310, -27.7219, -68.6086



101.1930, 64.4879, -10.6933



98.4230, -48.5225, 23.3080

Square

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



101.1930, 64.4879, -10.6933



68.6450, -17.5730, 130.1073



83.8840, -41.3548, -35.8553



98.5910, 40.1346, -86.4643

Rectangle

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



101.1930, 64.4879, -10.6933



79.8880, 24.2122, 121.1242



83.8840, -41.3548, -35.8553



86.1310, -2.5296, -75.5369

Sweetspot

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



101.1930, 64.4879, -10.6933



213.0700, 20.6715, -3.5694



184.2150, 23.5580, -89.6426



102.0180, 12.8091, -1.7698



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.



101.1930, 64.4879, -10.6933



81.3770, 85.5961, -14.3626



123.0200, 53.7271, 34.1855



104.6670, 5.0942, -0.5850



22.7980, 77.0076, -12.9778



6.4120, 21.9819, -3.8693

Inverse Universe

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



143.1520, 40.3511, 77.9197



137.1610, 53.6576, 103.3448



190.9800, -53.7271, -34.1855



107.8420, 3.0359, 6.2776



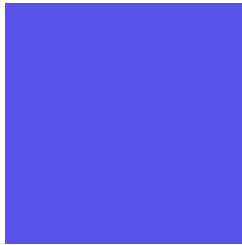
72.9010, 47.8698, 93.0488



20.8350, 13.8853, 26.4547

Previews

White Background



This preview shows how the YUV color 101.1930, 64.4879, -10.6933 looks on a white background.

Color Contrast Check

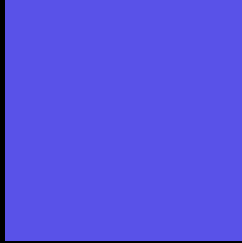
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 101.1930, 64.4879, -10.6933 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

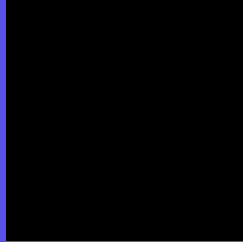
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 101.1930, 64.4879, -10.6933

Background



This preview shows how black text looks on a background with the YUV color 101.1930, 64.4879, -10.6933.



This preview shows how white text looks on a background with the YUV color 101.1930, 64.4879, -10.6933.

-10.6933.

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

101.1930, 64.4879, -10.6933

Protanopia

82.8680, 63.6621, -72.6752

Deuteranopia

83.5570, 48.5324, -73.2795



Tritanopia

90.3230, 16.6028, -52.0263

Trichromacy



Original Color

101.1930, 64.4879, -10.6933

Protanomaly

89.1250, 64.0284, -50.0986

Deuteranomaly

89.8940, 54.2823, -50.7730

Tritanomaly

94.0040, 34.0150, -36.8375

Monochromacy



Original Color

101.1930, 64.4879, -10.6933

Achromatopsia

101.0000, 0.0000, 0.0000

Achromatomaly

101.1670, 23.5817, -3.6545

CSS Examples

Text

The CSS property to change the color of the text to YUV 101.1930, 64.4879, -10.6933 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, 82, 232)` looks like.

```
.text, #text, p{  
    color:rgb(89, 82, 232)  
}
```

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, 82, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(89, 82, 232) }
```

Border

The CSS property to change the border of an element to YUV 101.1930, 64.4879, -10.6933 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, 82, 232) }
```


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

```
.border{ border-color:rgb(89, 82, 232) }
```

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

Here you see how a box with a 4 pixel `rgb(89, 82, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(89, 82, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(89, 82, 232);  
box-shadow:4px 4px 4px 4px rgb(89, 82,  
232) }
```

Background

The CSS property to change the background color of an element to YUV 101.1930, 64.4879, -10.6933 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(89, 82, 232) }
```

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

```
.background{ background-color: rgb(89, 82,  
232) }
```

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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