

Converting Colors

YUV(131.9690, 47.3433,
-18.3898)

Have a look what the booklet for
YUV(131.9690, 47.3433, -18.3898)
contains.

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Color

**YUV(131.9690, 47.3433,
-18.3898)**

Conversions

Conversions Part 1

Format	Color
Hex	6F7CE4
RGB	111, 124, 228
RGB Percent	44%, 49%, 89%
CMY	0.5647, 0.5137, 0.1059
CMYK	0.51, 0.46, 0.00, 0.11
HSL	233°, 68%, 66%
HSV	233°, 51%, 89%
XYZ	27.7668, 23.3962, 76.4512
YIQ	131.9690, -41.1320, 29.5880

Conversions

Conversions Part 2

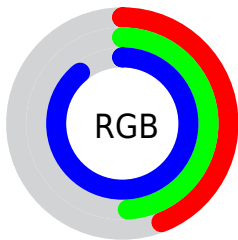
Format	Color
RYB	111, 123, 228
Decimal	7306468
CIELab	55.48, 23.67, -54.52
CIELCh	55, 59.440, 293.468
Yxy	23.3962, 0.2176, 0.1833
Android (android.graphics.Color)	4285496548 (0xFF6F7CE4)
YUV	131.9690, 47.3433, -18.3898
Hunter-Lab	48.3697, 17.8217, -59.8527

Details

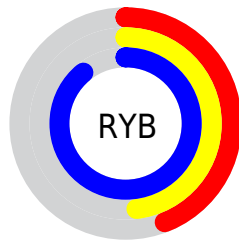
The YUV color **131.9690, 47.3433, -18.3898** is a light color, and the websafe version is hex **6666CC**. A complement of this color would be **207.0310, -47.3433, 18.3898**, and the grayscale version is **132.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **182.9130, 35.5389, -12.2017**, and **78.8710, 45.9126, -26.1969** is the 20% darker color. If you saturate the color by 10%, you get **113.3520, 56.5215, -22.2337**, and if you desaturate by 10%, it is **150.5860, 38.1651, -14.5459**.

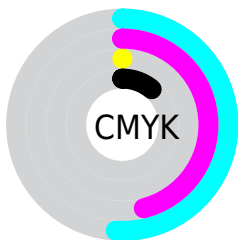
Distribution



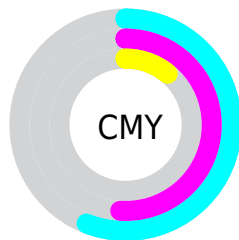
- Red (44%)
- Green (49%)
- Blue (89%)



- Red (44%)
- Yellow (48%)
- Blue (89%)



- Cyan (51%)
- Magenta (46%)
- Yellow (0%)
- Black (11%)



- Cyan (56%)
- Magenta (51%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the YUV color 131.9690, 47.3433, -18.3898 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 131.9690, 47.3433, -18.3898 by changing the saturation by 10% instead.

■ 131.9690, 47.3433,
-18.3898

■ 131.9690, 47.3433,
-18.3898

255.0000, 0.0000,
0.0000

■ 105.1320, 46.7699,
-21.1638

■ 182.9130, 35.5389,
-12.2017

■ 78.8710, 45.9126,
-26.1969

■ 208.0200, 23.1611,
-8.7875

■ 47.6410, 47.9980,
-41.7812

■ 233.4260, 10.6360,
-4.7586

■ 32.9370, 42.4291,
-28.8857

■ 18.2330, 36.8601,
-15.9903

■ 10.2140, 28.9815,
-8.9577

■ 6.8910, 18.7877,

-6.0434

■ 3.3230, 10.1938,
-2.9143

■ 0.0000, 0.0000,
0.0000

■ 131.9690, 47.3433,
-18.3898

■ 131.9690, 47.3433,
-18.3898

■ 113.3520, 56.5215,
-22.2337

■ 150.5860, 38.1651,
-14.5459

■ 94.1480, 65.9890,
-25.5628

■ 169.7900, 28.6975,
-11.2168

■ 75.8300, 75.0198,
-28.7919

■ 188.1080, 19.6668,
-7.9877

■ 57.2130, 84.1980,
-32.6358

■ 206.7250, 10.4886,
-4.1438

■ 40.6670, 92.3552,
-35.6650

■ 225.3420, 1.3104,
-0.2999

■ 244.5460, -8.1572,
3.0292

■ 251.9220,
-11.7935, 2.6994

Harmonies

Analogous

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



110.2580, 61.9908, -96.6963



131.9690, 47.3433, -18.3898



136.5330, 28.8242, 41.6286

Triad

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



131.9690, 47.3433, -18.3898



129.1030, -39.4908, 66.5617



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.



131.9690, 47.3433, -18.3898



207.0310, -47.3433, 18.3898

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.



111.3280, -21.3607, -55.5387



131.9690, 47.3433, -18.3898



125.5620, -55.9861, 37.2181

Square

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



131.9690, 47.3433, -18.3898



128.2880, -16.4110, 83.9394



121.5570, -48.5886, -2.2425



111.8810, 30.1317, -98.1196

Rectangle

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



131.9690, 47.3433, -18.3898



132.8540, 15.3550, 68.5340



121.5570, -48.5886, -2.2425



102.6130, -0.3022, -89.9916

Sweetspot

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



131.9690, 47.3433, -18.3898



223.6800, 15.4408, -5.8584



191.4210, 11.1314, -70.5292



108.7960, 9.4676, -3.3291



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.



131.9690, 47.3433, -18.3898



124.9910, 64.0944, -24.5481



137.7930, 44.4721, 15.9675



105.5420, 4.6628, -2.2293



32.1460, 72.3990, -28.1920



9.3360, 20.5404, -8.1877

Inverse Universe

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



147.4650, -11.5682, 70.6292



146.1800, -15.8647, 95.4351



201.2070, -44.4721, -15.9675



106.8160, -0.8953, 7.1774



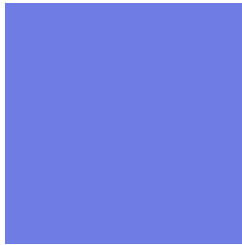
55.8010, -17.6499, 108.0455



15.9330, -4.8970, 30.7538

Previews

White Background



This preview shows how the YUV color 131.9690, 47.3433, -18.3898 looks on a white background.

Color Contrast Check

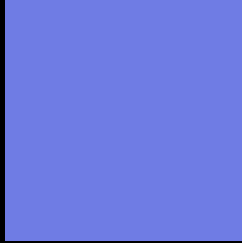
Large Text (above 18pt) WCAG AA ✓ Pass

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 131.9690, 47.3433, -18.3898 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

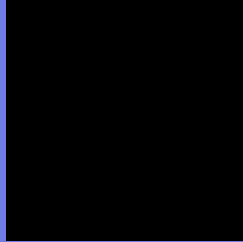
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 131.9690, 47.3433, -18.3898

Background



This preview shows how black text looks on a background with the YUV color 131.9690, 47.3433, -18.3898.



This preview shows how white text looks on a background with the YUV color 131.9690, 47.3433, -18.3898.

-18.3898.

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

131.9690, 47.3433, -18.3898

Protanopia

127.7000, 51.9129, -37.4479

Deuteranopia

123.5580, 50.5039, -52.2324



Tritanopia

126.2220, 13.2016, -34.3977

Trichromacy



Original Color

131.9690, 47.3433, -18.3898

Protanomaly

128.9890, 50.2914, -30.6854

Deuteranomaly

126.4070, 49.5923, -39.8219

Tritanomaly

128.4690, 25.4048, -28.4753

Monochromacy



Original Color

131.9690, 47.3433, -18.3898

Achromatopsia

132.0000, 0.0000, 0.0000

Achromatomaly

131.8370, 17.3354, -6.8730

CSS Examples

Text

The CSS property to change the color of the text to YUV 131.9690, 47.3433, -18.3898 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(111, 124, 228)` looks like.

```
.text, #text, p{  
    color:rgb(111, 124, 228)  
}
```

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(111, 124, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(111, 124, 228) }
```

Border

The CSS property to change the border of an element to YUV 131.9690, 47.3433, -18.3898 is called "border".

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

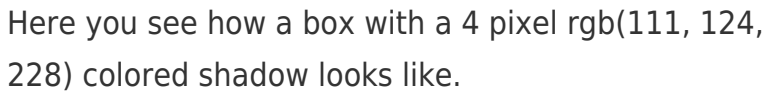
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(111, 124, 228) }
```


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

```
.border{ border-color:rgb(111, 124, 228) }
```

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



Here you see how a box with a 4 pixel `rgb(111, 124, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(111, 124, 228); -webkit-box-shadow:4px 4px 4px 4px rgb(111, 124, 228); box-shadow:4px 4px 4px 4px rgb(111, 124, 228) }
```

Background

The CSS property to change the background color of an element to YUV 131.9690, 47.3433, -18.3898 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(111, 124, 228) }
```

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

```
.background{ background-color: rgb(111,  
124, 228) }
```

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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