

Converting Colors

YUV(131.2180, 49.6855,
-22.9932)

Have a look what the booklet for
YUV(131.2180, 49.6855, -22.9932)
contains.

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Color

**YUV(131.2180, 49.6855,
-22.9932)**

Conversions

Conversions Part 1

Format	Color
Hex	697DE8
RGB	105, 125, 232
RGB Percent	41%, 49%, 91%
CMY	0.5882, 0.5098, 0.0902
CMYK	0.55, 0.46, 0.00, 0.09
HSL	231°, 73%, 66%
HSV	231°, 55%, 91%
XYZ	27.7248, 23.4967, 79.4180
YIQ	131.2180, -46.2670, 29.0370

Conversions

Conversions Part 2

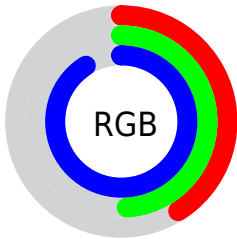
Format	Color
RYB	105, 122, 232
Decimal	6913512
CIELab	55.58, 23.06, -56.62
CIELCh	56, 61.135, 292.164
Yxy	23.4967, 0.2122, 0.1799
Android (android.graphics.Color)	4285103592 (0xFF697DE8)
YUV	131.2180, 49.6855, -22.9932
Hunter-Lab	48.4734, 17.2663, -63.2084

Details

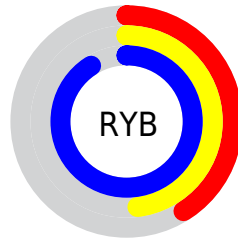
The YUV color **131.2180, 49.6855, -22.9932** is a light color, and the websafe version is hex **6666CC**. A complement of this color would be **205.7820, -49.6855, 22.9932**, and the grayscale version is **131.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **182.0050, 35.9865, -15.7904**, and **76.6250, 48.9919, -33.8741** is the 20% darker color. If you saturate the color by 10%, you get **112.6010, 58.8637, -26.8371**, and if you desaturate by 10%, it is **149.8350, 40.5073, -19.1493**.

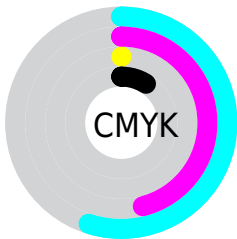
Distribution



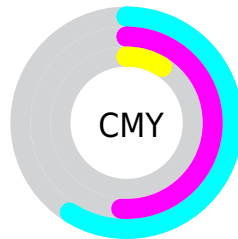
- Red (41%)
- Green (49%)
- Blue (91%)



- Red (41%)
- Yellow (48%)
- Blue (91%)



- Cyan (55%)
- Magenta (46%)
- Yellow (0%)
- Black (9%)



- Cyan (59%)
- Magenta (51%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the YUV color 131.2180, 49.6855, -22.9932 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 131.2180, 49.6855, -22.9932 by changing the saturation by 10% instead.

■ 131.2180, 49.6855,
-22.9932

■ 131.2180, 49.6855,
-22.9932

255.0000, 0.0000,
0.0000

■ 103.9680, 48.8228,
-26.2819

■ 182.0050, 35.9865,
-15.7904

■ 76.6250, 48.9919,
-33.8741

■ 207.1120, 23.6088,
-12.3762

■ 48.5700, 49.0190,
-42.5959

■ 232.5180, 11.0836,
-8.3473

■ 33.8660, 43.4501,
-29.7005

254.4020, 0.2948,
-1.2296

■ 19.7490, 37.5917,
-17.3199

■ 11.1430, 30.0025,
-9.7724

■ 7.8200, 19.8087,

-6.8581

■ 3.6650, 11.5042,
-3.2142

■ 0.0000, 0.0000,
0.0000

■ 131.2180, 49.6855,
-22.9932

■ 131.2180, 49.6855,
-22.9932

■ 112.6010, 58.8637,
-26.8371

■ 149.8350, 40.5073,
-19.1493

■ 94.5710, 67.7525,
-31.1958

■ 167.8650, 31.6186,
-14.7906

■ 75.6550, 77.0781,
-35.6544

■ 186.7810, 22.2930,
-10.3319

■ 57.6250, 85.9669,
-40.0131

■ 204.8110, 13.4042,
-5.9732

■ 48.1670, 90.6297,
-42.2425

■ 223.4280, 4.2260,
-2.1294

■ 241.4580, -4.6628,
2.2293

■ 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.



111.1870, 63.0118, -97.5110



131.2180, 49.6855, -22.9932



136.6900, 30.7188, 40.6139

Triad

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



131.2180, 49.6855, -22.9932



128.8260, -39.3542, 69.4356



105.4970, 5.6710, -92.5209

Complementary

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



131.2180, 49.6855, -22.9932



205.7820, -49.6855, 22.9932

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.



110.8720, -23.1079, -55.1387



131.2180, 49.6855, -22.9932



125.5470, -59.9227, 39.8623

Square

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



131.2180, 49.6855, -22.9932



128.1250, -15.8376, 86.7134



121.2430, -52.3778, -0.2131



112.3540, 29.4055, -98.5345

Rectangle

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



131.2180, 49.6855, -22.9932



132.9080, 16.8074, 69.3637



121.2430, -52.3778, -0.2131



102.8580, -1.9020, -90.2065

Sweetspot

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



131.2180, 49.6855, -22.9932



222.7830, 15.8830, -7.7027



191.6330, 9.5479, -75.9771



108.1980, 9.7624, -4.5586



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.



131.2180, 49.6855, -22.9932



121.4140, 65.8579, -30.1811



132.0360, 49.2823, 13.1234



105.5420, 4.6628, -2.2293



36.8420, 70.0839, -32.3104



10.5100, 19.9616, -9.2173

Inverse Universe

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



145.2530, -9.9847, 76.0771



140.1960, -13.4076, 100.6831



204.9640, -49.2823, -13.1234



106.8160, -0.8953, 7.1774



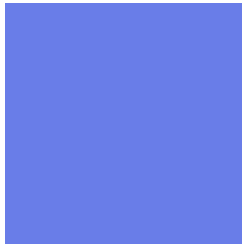
56.7130, -14.1555, 107.2457



16.1610, -4.0234, 30.5538

Previews

White Background



This preview shows how the YUV color 131.2180, 49.6855, -22.9932 looks on a white background.

Color Contrast Check

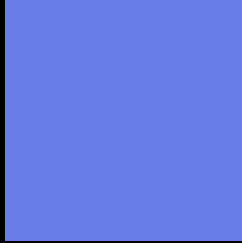
Large Text (above 18pt) WCAG AA ✓ Pass

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 131.2180, 49.6855, -22.9932 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

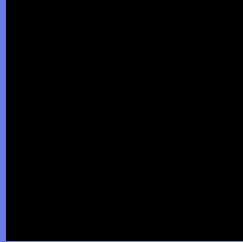
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 131.2180, 49.6855, -22.9932

Background



This preview shows how black text looks on a background with the YUV color 131.2180, 49.6855, -22.9932.



This preview shows how white text looks on a background with the YUV color 131.2180, 49.6855, -22.9932.

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

131.2180, 49.6855, -22.9932

Protanopia

127.1450, 53.6655, -39.5922

Deuteranopia

121.3230, 53.5778, -58.1653



Tritanopia

124.5200, 14.5336, -41.6750

Trichromacy



Original Color

131.2180, 49.6855, -22.9932

Protanomaly

128.8360, 52.3389, -34.0592

Deuteranomaly

125.0580, 52.2294, -45.6549

Tritanomaly

126.5930, 27.3157, -34.7231

Monochromacy



Original Color

131.2180, 49.6855, -22.9932

Achromatopsia

131.0000, 0.0000, 0.0000

Achromatomaly

131.3530, 18.0670, -8.2026

CSS Examples

Text

The CSS property to change the color of the text to YUV 131.2180, 49.6855, -22.9932 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(105, 125, 232)` looks like.

```
.text, #text, p{  
    color:rgb(105, 125, 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(105, 125, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(105, 125, 232) }
```

Border

The CSS property to change the border of an element to YUV 131.2180, 49.6855, -22.9932 is called "border".

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

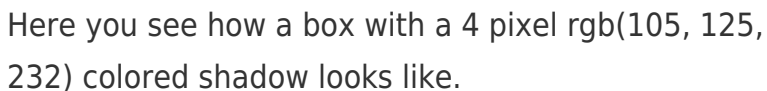
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(105, 125, 232) }
```


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

```
.border{ border-color:rgb(105, 125, 232) }
```

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



Here you see how a box with a 4 pixel `rgb(105, 125, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(105, 125, 232); -webkit-box-shadow:4px 4px 4px 4px rgb(105, 125, 232); box-shadow:4px 4px 4px 4px rgb(105, 125, 232) }
```

Background

The CSS property to change the background color of an element to YUV 131.2180, 49.6855, -22.9932 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(105, 125, 232) }
```

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

```
.background{ background-color: rgb(105,  
125, 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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