

Converting Colors

YUV(129.8130, 40.5182,
-22.6380)

Have a look what the booklet for
YUV(129.8130, 40.5182, -22.6380)
contains.

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Color

**YUV(129.8130, 40.5182,
-22.6380)**

Conversions

Conversions Part 1

Format	Color
Hex	687FD4
RGB	104, 127, 212
RGB Percent	41%, 50%, 83%
CMY	0.5922, 0.5020, 0.1686
CMYK	0.51, 0.40, 0.00, 0.17
HSL	227°, 56%, 62%
HSV	227°, 51%, 83%
XYZ	25.1820, 22.8753, 65.3755
YIQ	129.8130, -40.9930, 21.5590

Conversions

Conversions Part 2

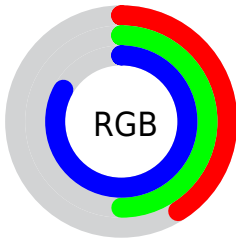
Format	Color
R_{YB}	104, 123, 212
Decimal	6848468
CIE _{Lab}	54.94, 15.34, -46.41
CIE _{LCh}	55, 48.880, 288.294
Yxy	22.8753, 0.2220, 0.2017
Android (android.graphics.Color)	4285038548 (0xFF687FD4)
YUV	129.8130, 40.5182, -22.6380
Hunter-Lab	47.8281, 10.2828, -47.5629

Details

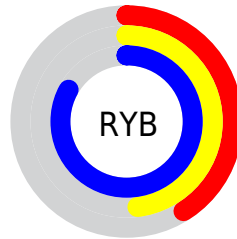
The YUV color **129.8130, 40.5182, -22.6380** is a dark color, and the websafe version is hex **6699FF**. A complement of this color would be **186.1870, -40.5182, 22.6380**, and the grayscale version is **129.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **182.2820, 35.8500, -18.6643**, and **76.8400, 39.5189, -28.8007** is the 20% darker color. If you saturate the color by 10%, you get **113.5550, 48.5334, -26.7967**, and if you desaturate by 10%, it is **146.0710, 32.5030, -18.4793**.

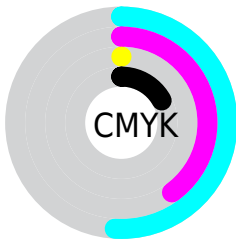
Distribution



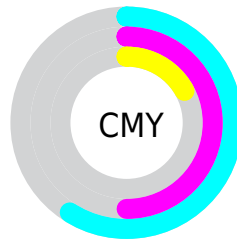
- Red (41%)
- Green (50%)
- Blue (83%)



- Red (41%)
- Yellow (48%)
- Blue (83%)



- Cyan (51%)
- Magenta (40%)
- Yellow (0%)
- Black (17%)



- Cyan (59%)
- Magenta (50%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the YUV color 129.8130, 40.5182, -22.6380 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 129.8130, 40.5182, -22.6380 by changing the saturation by 10% instead.

■ 129.8130, 40.5182,
-22.6380

■ 129.8130, 40.5182,
-22.6380

■ 255.0000, 0.0000,
0.0000

■ 103.2750, 39.7974,
-24.7972

■ 182.2820, 35.8500,
-18.6643

■ 76.8400, 39.5189,
-28.8007

■ 207.3890, 23.4722,
-15.2502

■ 47.6920, 40.5778,
-41.8259

■ 232.4960, 11.0945,
-11.8360

■ 32.5150, 35.7351,
-28.5157

■ 252.9070, 1.0318,
-4.3034

■ 17.9250, 30.6030,
-15.7202

■ 9.3190, 23.0137,
-8.1728

■ 5.0500, 14.2723,

-4.4289

■ 0.9120, 3.4944,
-0.7998

■ 0.0000, 0.0000,
0.0000

■ 129.8130, 40.5182,
-22.6380

■ 129.8130, 40.5182,
-22.6380

■ 113.5550, 48.5334,
-26.7967

■ 146.0710, 32.5030,
-18.4793

■ 97.8840, 56.2592,
-31.4703

■ 161.7420, 24.7772,
-13.8057

■ 81.3270, 64.4218,
-36.2438

■ 178.2990, 16.6146,
-9.0322

■ 65.0690, 72.4370,
-40.4025

■ 194.5570, 8.5994,
-4.8735

■ 50.5830, 79.5786,
-44.3613

■ 210.2280, 0.8736,
-0.2000

■ 226.4860, -7.1416,
3.9588

■ 242.7440,
-15.1568, 8.1175

■ 250.0980,
-18.7823, 4.2991

Harmonies

Analogous

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



107.1630, 52.6706, -93.9820



129.8130, 40.5182, -22.6380



135.9350, 25.6680, 27.2440

Triad

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



129.8130, 40.5182, -22.6380



129.6920, -29.4282, 59.0291



101.5190, 5.6601, -89.0322

Complementary

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



129.8130, 40.5182, -22.6380



186.1870, -40.5182, 22.6380

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.



117.9440, -22.1574, -33.2769



129.8130, 40.5182, -22.6380



127.8620, -40.8510, 36.0780

Square

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



129.8130, 40.5182, -22.6380



130.7530, -11.7102, 69.4996



124.4190, -39.1536, 4.8945



107.1220, 24.5899, -93.9460

Rectangle

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



129.8130, 40.5182, -22.6380



134.2170, 14.6830, 50.6757



124.4190, -39.1536, 4.8945



105.0170, -2.9664, -75.4369

Sweetspot

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



129.8130, 40.5182, -22.6380



226.0280, 14.2832, -7.9176



177.0860, 5.8736, -64.0964



109.9700, 8.8888, -4.3587



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.



129.8130, 40.5182, -22.6380



136.7420, 58.3012, -33.0997



125.5810, 42.6046, 8.2605



99.0150, 3.9366, -2.6442



40.6260, 64.2744, -35.6290



10.1850, 16.1778, -8.9322

Inverse Universe

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



138.9140, -5.8736, 64.0964



149.5200, -8.1444, 92.5060



190.4190, -42.6046, -8.2605



99.6310, -0.3111, 6.4626



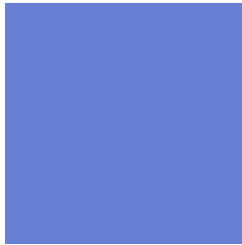
55.2330, -9.4819, 101.5277



13.8830, -2.4073, 25.5356

Previews

White Background



This preview shows how the YUV color 129.8130, 40.5182, -22.6380 looks on a white background.

Color Contrast Check

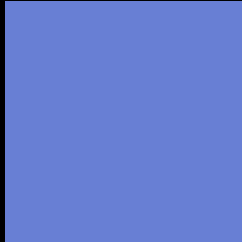
Large Text (above 18pt) WCAG AA ✓ Pass

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 129.8130, 40.5182, -22.6380 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

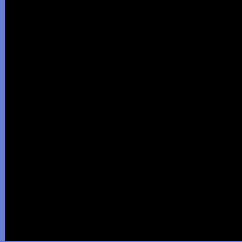
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 129.8130, 40.5182, -22.6380

Background



This preview shows how black text looks on a background with the YUV color 129.8130, 40.5182, -22.6380.



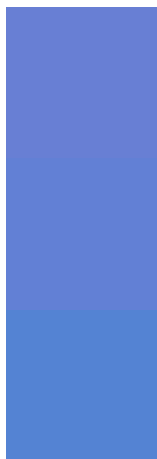
This preview shows how white text looks on a background with the YUV color 129.8130, 40.5182, -22.6380.

-22.6380.

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

129.8130, 40.5182, -22.6380

Protanopia

128.7200, 41.5500, -26.9414

Deuteranopia

126.0670, 41.8720, -36.8928



Tritanopia

124.5100, 13.0596, -35.5273

Trichromacy



Original Color

129.8130, 40.5182, -22.6380

Protanomaly

129.3180, 41.2552, -25.7119

Deuteranomaly

127.5730, 41.1295, -32.0745

Tritanomaly

126.1760, 23.0842, -30.8494

Monochromacy



Original Color

129.8130, 40.5182, -22.6380

Achromatopsia

130.0000, 0.0000, 0.0000

Achromatomaly

130.1420, 14.7200, -8.0175

CSS Examples

Text

The CSS property to change the color of the text to YUV 129.8130, 40.5182, -22.6380 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(104, 127, 212)` looks like.

```
.text, #text, p{  
    color:rgb(104, 127, 212)  
}
```

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(104, 127, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(104, 127, 212) }
```

Border

The CSS property to change the border of an element to YUV 129.8130, 40.5182, -22.6380 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(104, 127, 212) }
```


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

```
.border{ border-color:rgb(104, 127, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(104, 127, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(104, 127, 212); -webkit-box-shadow:4px 4px 4px 4px rgb(104, 127, 212); box-shadow:4px 4px 4px 4px rgb(104, 127, 212) }
```

Background

The CSS property to change the background color of an element to YUV 129.8130, 40.5182, -22.6380 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(104, 127, 212) }
```

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

```
.background{ background-color: rgb(104,  
127, 212) }
```

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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