

Converting Colors

YUV(129.2740, 61.4899,
-29.1813)

Have a look what the booklet for
YUV(129.2740, 61.4899, -29.1813)
contains.

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Color

**YUV(129.2740, 61.4899,
-29.1813)**

Conversions

Conversions Part 1

Format	Color
Hex	607AFE
RGB	96, 122, 254
RGB Percent	38%, 48%, 100%
CMY	0.6235, 0.5216, 0.0039
CMYK	0.62, 0.52, 0.00, 0.00
HSL	230°, 99%, 69%
HSV	230°, 62%, 100%
XYZ	29.6728, 23.5616, 96.7499
YIQ	129.2740, -57.8680, 35.5400

Conversions

Conversions Part 2

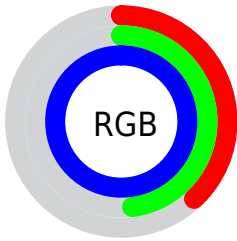
Format	Color
R _Y B	96, 118, 254
Decimal	6322942
CIE Lab	55.65, 30.37, -68.75
CIE LCh	56, 75.158, 293.834
Yxy	23.5616, 0.1978, 0.1571
Android (android.graphics.Color)	4284513022 (0xFF607AFE)
YUV	129.2740, 61.4899, -29.1813
Hunter-Lab	48.5403, 24.1719, -84.1978

Details

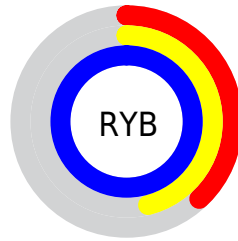
The YUV color **129.2740, 61.4899, -29.1813** is a light color, and the websafe version is hex **3366FF**. A complement of this color would be **220.7260, -61.4899, 29.1813**, and the grayscale version is **129.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **178.7490, 37.5917, -17.3199**, and **65.7820, 64.1975, -57.6908** is the 20% darker color. If you saturate the color by 10%, you get **109.4720, 71.2523, -33.7399**, and if you desaturate by 10%, it is **149.0760, 51.7275, -24.6227**.

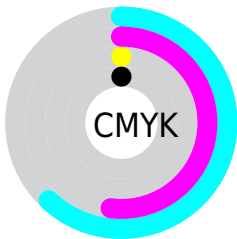
Distribution



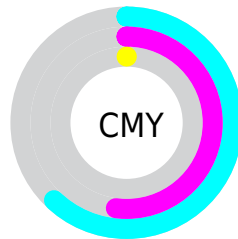
- Red (38%)
- Green (48%)
- Blue (100%)



- Red (38%)
- Yellow (46%)
- Blue (100%)



- Cyan (62%)
- Magenta (52%)
- Yellow (0%)
- Black (0%)



- Cyan (62%)
- Magenta (52%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YUV color 129.2740, 61.4899, -29.1813 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 129.2740, 61.4899, -29.1813 by changing the saturation by 10% instead.

■ 129.2740, 61.4899,
-29.1813

■ 129.2740, 61.4899,
-29.1813

■ 255.0000, 0.0000,
0.0000

■ 100.5290, 61.3642,
-35.5439

■ 178.7490, 37.5917,
-17.3199

■ 65.7820, 64.1975,
-57.6908

■ 203.8670, 25.2086,
-12.1614

■ 49.6760, 58.3337,
-43.5659

■ 229.2730, 12.6834,
-8.1324

■ 34.8580, 52.3280,
-30.5705

■ 253.8040, 0.5896,
-2.4591

■ 21.3280, 46.1803,
-18.7047

■ 12.4940, 37.7175,
-10.9572

■ 11.5190, 26.3661,

-10.1022

■ 6.5490, 17.4773,
-5.7435

■ 2.8670, 8.4466,
-2.5144

■ 129.2740, 61.4899,
-29.1813

■ 129.2740, 61.4899,
-29.1813

■ 109.4720, 71.2523,
-33.7399

■ 149.0760, 51.7275,
-24.6227

■ 89.3710, 81.1621,
-38.9134

■ 169.1770, 41.8177,
-19.4492

■ 68.9820, 91.2139,
-42.9572

■ 189.5660, 31.7660,
-15.4054

■ 53.6100, 98.7923,
-47.0160

■ 209.6670, 21.8562,
-10.2320

■ 229.4690, 12.0938,
-5.6733

■ 249.2710, 2.3314,
-1.1147

254.8860, -0.4368,
0.1000

Harmonies

Analogous

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



114.7720, 69.1324, -100.6550



129.2740, 61.4899, -29.1813



134.6130, 37.6588, 54.7134

Triad

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



129.2740, 61.4899, -29.1813



124.5860, -52.0539, 82.8011



107.8450, 4.5134, -94.5801

Complementary

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



129.2740, 61.4899, -29.1813



220.7260, -61.4899, 29.1813

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.



97.0440, -24.1787, -85.1076



129.2740, 61.4899, -29.1813



125.3900, -61.8173, 40.8770

Square

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



129.2740, 61.4899, -29.1813



119.9260, -17.2185, 109.6899



118.3040, -58.3239, -6.4056



116.0700, 33.4895, -101.7934

Rectangle

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



129.2740, 61.4899, -29.1813



126.1310, 22.1204, 91.9701



118.3040, -58.3239, -6.4056



104.6360, -5.2435, -91.7658

Sweetspot

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



129.2740, 61.4899, -29.1813



217.1680, 18.6512, -8.9173



203.7940, 11.9336, -94.5353



104.3550, 11.6570, -5.5733



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.



129.2740, 61.4899, -29.1813



103.9710, 74.4573, -35.0546



129.8590, 61.2015, 16.7867



117.6560, 5.0996, -2.3293



39.9710, 74.4573, -35.0546



13.1660, 25.0612, -11.5466

Inverse Universe

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



146.2060, -11.9336, 94.5353



124.6430, -14.6140, 114.3231



220.1410, -61.2015, -16.7867



119.1150, -1.0427, 7.7921



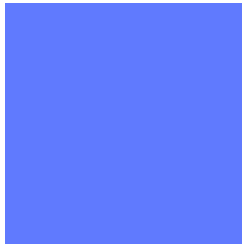
60.6430, -14.6140, 114.3231



20.2760, -5.0661, 38.3459

Previews

White Background



This preview shows how the YUV color 129.2740, 61.4899, -29.1813 looks on a white background.

Color Contrast Check

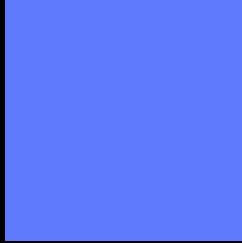
Large Text (above 18pt) WCAG AA ✓ Pass

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 129.2740, 61.4899, -29.1813 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 129.2740, 61.4899, -29.1813 Background



This preview shows how black text looks on a background with the YUV color 129.2740, 61.4899, -29.1813.



This preview shows how white text looks on a background with the YUV color 129.2740, 61.4899, -29.1813.

-29.1813.

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

129.2740, 61.4899, -29.1813

Protanopia

121.8470, 65.6444, -55.1168

Deuteranopia

106.2630, 64.4533, -93.1927



Tritanopia

117.1690, 20.1297, -63.2922

Trichromacy



Original Color

129.2740, 61.4899, -29.1813

Protanomaly

124.5600, 64.3069, -46.0951

Deuteranomaly

114.4770, 63.3618, -69.7013

Tritanomaly

121.5570, 35.2214, -50.4775

Monochromacy



Original Color

129.2740, 61.4899, -29.1813

Achromatopsia

129.0000, 0.0000, 0.0000

Achromatomaly

128.7810, 22.2930, -10.3319

CSS Examples

Text

The CSS property to change the color of the text to YUV 129.2740, 61.4899, -29.1813 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(96, 122, 254)` looks like.

```
.text, #text, p{  
    color:rgb(96, 122, 254)  
}
```

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(96, 122, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(96, 122, 254) }
```

Border

The CSS property to change the border of an element to YUV 129.2740, 61.4899, -29.1813 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(96, 122, 254) }
```


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

```
.border{ border-color:rgb(96, 122, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(96, 122, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(96, 122, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(96, 122, 254);  
box-shadow:4px 4px 4px 4px rgb(96, 122,  
254) }
```

Background

The CSS property to change the background color of an element to YUV 129.2740, 61.4899, -29.1813 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(96, 122, 254) }
```

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

```
.background{ background-color: rgb(96, 122,  
254) }
```

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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