

Converting Colors

YUV(168.6270, 42.5819,
-31.2449)

Have a look what the booklet for
YUV(168.6270, 42.5819, -31.2449)
contains.

YUV(168.6270, 42.5819, -31.2449)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(168.6270, 42.5819,
-31.2449)**

Conversions

Conversions Part 1

Format	Color
Hex	85AAFF
RGB	133, 170, 255
RGB Percent	52%, 67%, 100%
CMY	0.4784, 0.3333, 0.0000
CMYK	0.48, 0.33, 0.00, 0.00
HSL	222°, 100%, 76%
HSV	222°, 48%, 100%
XYZ	42.0976, 40.9560, 100.2943
YIQ	168.6270, -49.3370, 18.5910

Conversions

Conversions Part 2

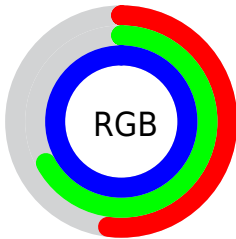
Format	Color
RYB	133, 161, 255
Decimal	8760063
CIELab	70.15, 9.82, -46.07
CIELCh	70, 47.105, 282.030
Yxy	40.9560, 0.2296, 0.2234
Android (android.graphics.Color)	4286950143 (0xFF85AAFF)
YUV	168.6270, 42.5819, -31.2449
Hunter-Lab	63.9969, 5.4240, -48.1200

Details

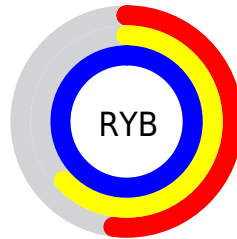
The YUV color **168.6270, 42.5819, -31.2449** is a light color, and the websafe version is hex **6699FF**. A complement of this color would be **219.3730, -42.5819, 31.2449**, and the grayscale version is **168.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **218.2540, 18.1158, -23.9018**, and **113.9640, 41.4297, -35.0484** is the 20% darker color. If you saturate the color by 10%, you get **150.5860, 51.4761, -37.3479**, and if you desaturate by 10%, it is **186.9670, 33.5403, -24.5271**.

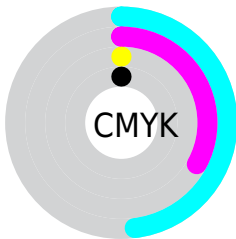
Distribution



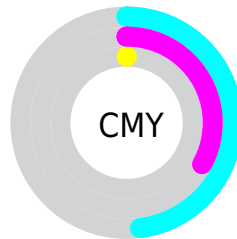
- Red (52%)
- Green (67%)
- Blue (100%)



- Red (52%)
- Yellow (63%)
- Blue (100%)



- Cyan (48%)
- Magenta (33%)
- Yellow (0%)
- Black (0%)



- Cyan (48%)
- Magenta (33%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YUV color 168.6270, 42.5819, -31.2449 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 168.6270, 42.5819, -31.2449 by changing the saturation by 10% instead.

■ 168.6270, 42.5819,
-31.2449

■ 168.6270, 42.5819,
-31.2449

255.0000, 0.0000,
0.0000

■ 141.3880, 41.7137,
-32.7893

■ 218.2540, 18.1158,
-23.9018

■ 113.9640, 41.4297,
-35.0484

■ 244.2470, 5.3012,
-20.3876

■ 86.5180, 41.1566,
-40.7963

■ 253.5050, 0.7370,
-3.0739

■ 57.9790, 41.9154,
-50.8476

■ 42.1010, 36.9252,
-36.9226

■ 27.5110, 31.7931,
-24.1271

■ 7.7520, 29.7023,

-6.7985

■ 6.8910, 18.7877,
-6.0434

■ 3.2090, 9.7570,
-2.8143

■ 168.6270, 42.5819,
-31.2449

■ 168.6270, 42.5819,
-31.2449

■ 150.5860, 51.4761,
-37.3479

■ 186.9670, 33.5403,
-24.5271

■ 132.2460, 60.5177,
-44.0657

■ 205.0080, 24.6461,
-18.4240

■ 114.7920, 69.1225,
-50.6836

■ 222.7610, 15.8938,
-11.1914

■ 96.4520, 78.1642,
-57.4014

■ 240.8020, 6.9996,
-5.0884

■ 78.4110, 87.0584, 255.0000, 0.0000,
-63.5044 0.0000

■ 74.2690, 89.1004,
-65.1339

Harmonies

Analogous

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



136.1490, 57.1145, -119.4027



168.6270, 42.5819, -31.2449



176.3900, 28.8947, 18.9520

Triad

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



168.6270, 42.5819, -31.2449



171.5940, -27.4078, 64.3771



150.6480, -3.2775, -68.9743

Complementary

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



168.6270, 42.5819, -31.2449



219.3730, -42.5819, 31.2449

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.



160.7450, -26.9893, -23.4554



168.6270, 42.5819, -31.2449



169.6610, -39.2729, 43.2703

Square

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



168.6270, 42.5819, -31.2449



173.2630, -8.5107, 69.9293



166.5340, -40.1963, 12.6867



135.3100, 25.9762, -118.6669

Rectangle

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



168.6270, 42.5819, -31.2449



176.5690, 17.4675, 44.2280



166.5340, -40.1963, 12.6867



155.0540, -12.3516, -51.7904

Sweetspot

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



168.6270, 42.5819, -31.2449



229.5610, 12.5414, -9.2620



214.0760, 0.9485, -71.1037



112.0300, 7.8732, -5.2883



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.



168.6270, 42.5819, -31.2449



152.3580, 50.6025, -37.1480



153.4860, 50.0464, 1.3278



118.8300, 4.5208, -3.3589



55.8200, 66.6437, -48.9541



18.4490, 22.4566, -16.1798

Inverse Universe

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



173.6960, -1.8221, 71.3036



158.3710, -2.1549, 84.7436



234.5140, -50.0464, -1.3278



119.3430, -0.1691, 7.5922



63.7210, -2.8205, 111.6237



21.3020, -1.1349, 37.4461

Previews

White Background



This preview shows how the YUV color 168.6270, 42.5819, -31.2449 looks on a white background.

Color Contrast Check

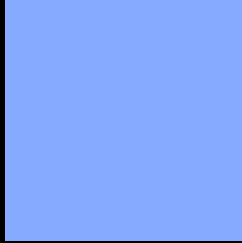
Large Text (above 18pt) WCAG AA × Fail

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 168.6270, 42.5819, -31.2449 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 ✓ Pass

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

YUV 168.6270, 42.5819, -31.2449

Background



This preview shows how black text looks on a background with the YUV color 168.6270, 42.5819, -31.2449.



This preview shows how white text looks on a background with the YUV color 168.6270, 42.5819, -31.2449.

-31.2449.

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

168.6270, 42.5819, -31.2449

Protanopia

169.9160, 40.9604, -24.4823

Deuteranopia

168.6270, 42.5819, -31.2449



Tritanopia

163.5630, 15.9914, -42.5898

Trichromacy



Original Color

168.6270, 42.5819, -31.2449

Protanomaly

169.7200, 41.5500, -26.9414

Deuteranomaly

168.6270, 42.5819, -31.2449

Tritanomaly

165.7020, 25.2899, -38.3267

Monochromacy



Original Color

168.6270, 42.5819, -31.2449

Achromatopsia

169.0000, 0.0000, 0.0000

Achromatomaly

168.6470, 15.4570, -11.0914

CSS Examples

Text

The CSS property to change the color of the text to YUV 168.6270, 42.5819, -31.2449 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(133, 170, 255)` looks like.

```
.text, #text, p{  
    color:rgb(133, 170, 255)  
}
```

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(133, 170, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 170, 255) }
```

Border

The CSS property to change the border of an element to YUV 168.6270, 42.5819, -31.2449 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(133, 170, 255) }
```


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

```
.border{ border-color:rgb(133, 170, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(133, 170, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 170, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 170, 255);  
box-shadow:4px 4px 4px 4px rgb(133, 170,  
255) }
```

Background

The CSS property to change the background color of an element to YUV 168.6270, 42.5819, -31.2449 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 170, 255) }
```

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

```
.background{ background-color: rgb(133,  
170, 255) }
```

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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