

Converting Colors

YUV(154.6840, 49.4558,
-42.6959)

Have a look what the booklet for
YUV(154.6840, 49.4558, -42.6959)
contains.

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Color

**YUV(154.6840, 49.4558,
-42.6959)**

Conversions

Conversions Part 1

Format	Color
Hex	6AA0FF
RGB	106, 160, 255
RGB Percent	42%, 63%, 100%
CMY	0.5843, 0.3725, 0.0000
CMYK	0.58, 0.37, 0.00, 0.00
HSL	218°, 100%, 71%
HSV	218°, 58%, 100%
XYZ	36.5647, 35.4258, 99.5184
YIQ	154.6840, -62.6790, 18.0970

Conversions

Conversions Part 2

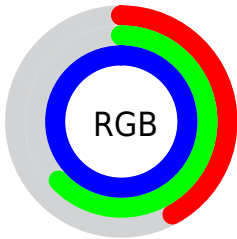
Format	Color
RYB	106, 146, 255
Decimal	6988031
CIELab	66.08, 9.86, -52.58
CIElCh	66, 53.494, 280.618
Yxy	35.4258, 0.2132, 0.2066
Android (android.graphics.Color)	4285178111 (0xFF6AA0FF)
YUV	154.6840, 49.4558, -42.6959
Hunter-Lab	59.5196, 5.4987, -57.4709

Details

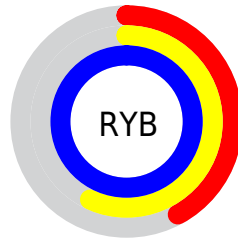
The YUV color **154.6840, 49.4558, -42.6959** is a light color, and the websafe version is hex **6699FF**. A complement of this color would be **206.3160, -49.4558, 42.6959**, and the grayscale version is **154.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **204.6210, 24.8368, -32.9936**, and **96.1230, 50.2254, -56.2359** is the 20% darker color. If you saturate the color by 10%, you get **137.8170, 57.7712, -49.8285**, and if you desaturate by 10%, it is **171.8500, 40.9930, -34.9484**.

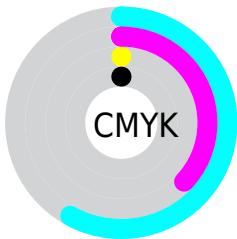
Distribution



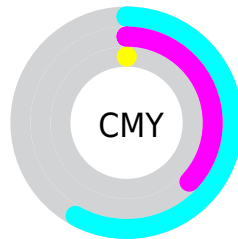
- Red (42%)
- Green (63%)
- Blue (100%)



- Red (42%)
- Yellow (57%)
- Blue (100%)



- Cyan (58%)
- Magenta (37%)
- Yellow (0%)
- Black (0%)



- Cyan (58%)
- Magenta (37%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YUV color 154.6840, 49.4558, -42.6959 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 154.6840, 49.4558, -42.6959 by changing the saturation by 10% instead.

■ 154.6840, 49.4558,
-42.6959

■ 154.6840, 49.4558,
-42.6959

255.0000, 0.0000,
0.0000

■ 126.2490, 49.1772,
-46.6994

■ 204.6210, 24.8368,
-32.9936

■ 96.1230, 50.2254,
-56.2359

■ 230.6140, 12.0223,
-29.4795

■ 69.2750, 49.6574,
-60.7542

■ 246.6280, 4.1274,
-17.2138

■ 53.2830, 44.2305,
-46.7292

■ 37.9920, 38.9509,
-33.3190

■ 23.9890, 33.5294,
-21.0384

■ 11.7470, 27.2397,

-10.3021

■ 6.7770, 18.3509,
-5.9434

■ 3.2090, 9.7570,
-2.8143

■ 154.6840, 49.4558,
-42.6959

■ 154.6840, 49.4558,
-42.6959

■ 137.8170, 57.7712,
-49.8285

■ 171.8500, 40.9930,
-34.9484

■ 120.0640, 66.5234,
-57.0611

■ 189.3040, 32.3881,
-28.3306

■ 103.1970, 74.8389,
-64.1938

■ 206.4700, 23.9253,
-20.5832

■ 86.0310, 83.3017,
-71.9412

■ 223.3370, 15.6099,
-13.4505

■ 83.0740, 84.7595,
-72.8559

■ 240.5030, 7.1470,
-5.7031

255.0000, 0.0000,
0.0000

Harmonies

Analogous

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



130.7520, 59.2823, -114.6695



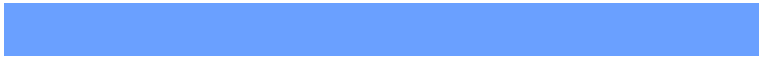
154.6840, 49.4558, -42.6959



165.0570, 33.9889, 18.3670

Triad

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



154.6840, 49.4558, -42.6959



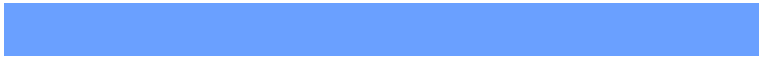
159.4810, -29.3241, 72.3692



130.8800, -1.9128, -86.7178

Complementary

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



154.6840, 49.4558, -42.6959



206.3160, -49.4558, 42.6959

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.



147.8820, -31.4938, -25.3295



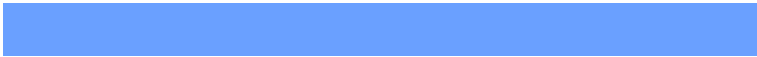
154.6840, 49.4558, -42.6959



157.7280, -44.2359, 48.4735

Square

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



154.6840, 49.4558, -42.6959



161.1330, -7.9536, 77.9364



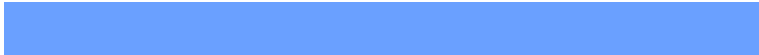
154.6500, -46.1695, 15.2159



128.7730, 23.7759, -112.9339

Rectangle

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



154.6840, 49.4558, -42.6959



165.2150, 21.0930, 48.0464



154.6500, -46.1695, 15.2159



140.4290, -14.5085, -60.0122

Sweetspot

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



154.6840, 49.4558, -42.6959



224.2230, 15.1731, -13.3506



204.1790, -2.0602, -86.1030



108.7630, 9.4838, -8.5622



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.



154.6840, 49.4558, -42.6959



134.8600, 59.2290, -50.7432



128.9660, 62.1348, -2.6012



118.8300, 4.5208, -3.3589



62.2770, 63.4604, -54.6169



20.7970, 21.2991, -18.2390

Inverse Universe

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



156.7070, 1.6234, 86.2030



137.5180, 1.7166, 103.0317



232.0340, -62.1348, 2.6012



119.3430, -0.1691, 7.5922



64.9750, 1.9843, 110.5239



21.7580, 0.6123, 37.0462

Previews

White Background



This preview shows how the YUV color 154.6840, 49.4558, -42.6959 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 154.6840, 49.4558, -42.6959 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

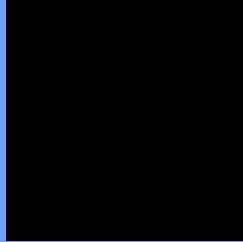
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

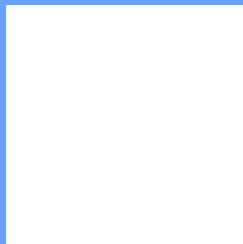
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 154.6840, 49.4558, -42.6959

Background



This preview shows how black text looks on a background with the YUV color 154.6840, 49.4558, -42.6959.



This preview shows how white text looks on a background with the YUV color 154.6840, 49.4558, -42.6959.

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

154.6840, 49.4558, -42.6959

Protanopia

157.9630, 46.3602, -29.7856

Deuteranopia

154.3850, 49.6032, -43.3106



Tritanopia

146.8920, 20.2662, -60.4183

Trichromacy



Original Color

154.6840, 49.4558, -42.6959

Protanomaly

156.5710, 47.5395, -34.7038

Deuteranomaly

154.3850, 49.6032, -43.3106

Tritanomaly

149.6830, 30.7223, -54.0960

Monochromacy



Original Color

154.6840, 49.4558, -42.6959

Achromatopsia

155.0000, 0.0000, 0.0000

Achromatomaly

154.8960, 17.7993, -15.6948

CSS Examples

Text

The CSS property to change the color of the text to YUV 154.6840, 49.4558, -42.6959 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(106, 160, 255)` looks like.

```
.text, #text, p{  
    color:rgb(106, 160, 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(106, 160, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(106, 160, 255) }
```

Border

The CSS property to change the border of an element to YUV 154.6840, 49.4558, -42.6959 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(106, 160, 255) }
```


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

```
.border{ border-color:rgb(106, 160, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(106, 160, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(106, 160, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(106, 160, 255);  
box-shadow:4px 4px 4px 4px rgb(106, 160,  
255) }
```

Background

The CSS property to change the background color of an element to YUV 154.6840, 49.4558, -42.6959 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(106, 160, 255) }
```

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

```
.background{ background-color: rgb(106,  
160, 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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