

Converting Colors

YUV(159.3810, 42.2102,
-52.0771)

Have a look what the booklet for
YUV(159.3810, 42.2102, -52.0771)
contains.

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Color

**YUV(159.3810, 42.2102,
-52.0771)**

Conversions

Conversions Part 1

Format	Color
Hex	64ADF5
RGB	100, 173, 245
RGB Percent	39%, 68%, 96%
CMY	0.6078, 0.3216, 0.0392
CMYK	0.59, 0.29, 0.00, 0.04
HSL	210°, 88%, 68%
HSV	210°, 59%, 96%
XYZ	36.6805, 39.1890, 92.0172
YIQ	159.3810, -66.6200, 6.9160

Conversions

Conversions Part 2

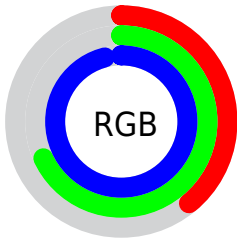
Format	Color
R _Y B	100, 149, 245
Decimal	6598133
CIE Lab	68.89, -1.87, -42.73
CIE LCh	69, 42.771, 267.497
Yxy	39.1890, 0.2185, 0.2334
Android (android.graphics.Color)	4284788213 (0xFF64ADF5)
YUV	159.3810, 42.2102, -52.0771
Hunter-Lab	62.6011, -4.9617, -43.3293

Details

The YUV color **159.3810, 42.2102, -52.0771** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **185.6190, -42.2102, 52.0771**, and the grayscale version is **159.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **211.0450, 21.6698, -43.8895**, and **99.3360, 43.7114, -66.9467** is the 20% darker color. If you saturate the color by 10%, you get **145.1610, 49.2206, -60.6542**, and if you desaturate by 10%, it is **173.9000, 35.0523, -42.8853**.

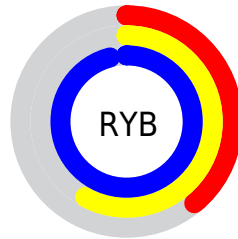
Distribution



Red (39%)

Green (68%)

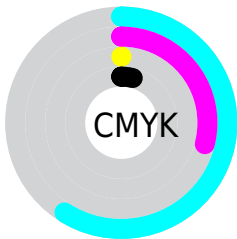
Blue (96%)



Red (39%)

Yellow (58%)

Blue (96%)

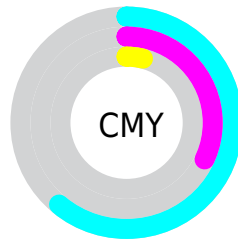


Cyan (59%)

Magenta (29%)

Yellow (0%)

Black (4%)



Cyan (61%)

Magenta (32%)

Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the YUV color 159.3810, 42.2102, -52.0771 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 159.3810, 42.2102, -52.0771 by changing the saturation by 10% instead.

■ 159.3810, 42.2102,
-52.0771

■ 159.3810, 42.2102,
-52.0771

255.0000, 0.0000,
0.0000

■ 130.9460, 41.9316,
-56.0806

■ 211.0450, 21.6698,
-43.8895

■ 99.3360, 43.7114,
-66.9467

■ 235.5650, 9.5815,
-39.9605

■ 74.7060, 42.5429,
-65.5172

■ 244.8340, 5.0118,
-20.9024

■ 58.2410, 37.8422,
-51.0774

■ 253.8040, 0.5896,
-2.4591

■ 42.3630, 32.8520,
-37.1524

■ 27.7730, 27.7199,
-24.3569

■ 10.4760, 24.9083,

-9.1875

■ 5.5060, 16.0195,
-4.8288

■ 2.2970, 6.2626,
-2.0145

■ 159.3810, 42.2102,
-52.0771

■ 159.3810, 42.2102,
-52.0771

■ 145.1610, 49.2206,
-60.6542

■ 173.9000, 35.0523,
-42.8853

■ 130.6420, 56.3785,
-69.8460

■ 188.1200, 28.0418,
-34.3082

■ 116.1230, 63.5364,
-79.0379

■ 202.6390, 20.8840,
-25.1164

■ 101.3160, 70.8362,
-87.1001

■ 217.4460, 13.5841,
-17.0541

■ 100.1310, 71.4204,
-87.8149

■ 231.9650, 6.4263,
-7.8623

■ 246.1850, -0.5842,
0.7148

■ 253.8600, -4.3680,
0.9998

Harmonies

Analogous

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



133.8690, 48.3786, -117.4031



159.3810, 42.2102, -52.0771



170.2840, 32.8910, -2.8801

Triad

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



159.3810, 42.2102, -52.0771



169.5150, -17.5089, 62.6923



154.8490, -14.7156, -40.2096

Complementary

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



159.3810, 42.2102, -52.0771



185.6190, -42.2102, 52.0771

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.



161.1280, -31.1221, -4.4973



159.3810, 42.2102, -52.0771



167.7680, -31.4376, 50.1925

Square

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



159.3810, 42.2102, -52.0771



171.3030, 0.8366, 58.4933



165.4200, -37.1821, 25.9417



141.7950, 10.4541, -86.6432

Rectangle

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



159.3810, 42.2102, -52.0771



173.0440, 23.6423, 23.6404



165.4200, -37.1821, 25.9417



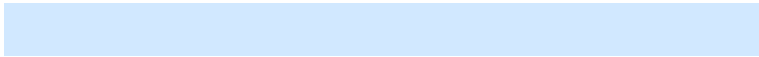
157.5040, -21.4475, -27.6290

Sweetspot

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



159.3810, 42.2102, -52.0771



227.7450, 13.4367, -16.4394



193.0950, -11.3858, -81.6443



111.1110, 8.3263, -10.6213



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.



159.3810, 42.2102, -52.0771



148.0510, 52.7259, -64.9427



117.7040, 62.7569, -15.5264



114.8900, 3.5052, -4.2885



76.3820, 54.0417, -66.9870



24.3360, 17.0894, -21.3427

Inverse Universe

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



151.6770, 10.5122, 81.8443



138.4930, 13.0680, 102.1766



227.2960, -62.7569, 15.5264



114.2720, 0.8519, 6.7775



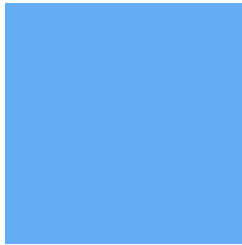
66.3300, 13.6413, 104.9506



21.0610, 4.4069, 33.2725

Previews

White Background



This preview shows how the YUV color 159.3810, 42.2102, -52.0771 looks on a white background.

Color Contrast Check

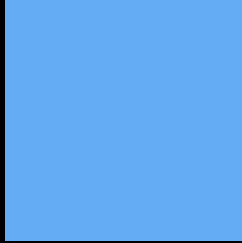
Large Text (above 18pt) WCAG AA × Fail

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 159.3810, 42.2102, -52.0771 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 159.3810, 42.2102, -52.0771 Background



This preview shows how black text looks on a background with the YUV color 159.3810, 42.2102, -52.0771.



This preview shows how white text looks on a background with the YUV color 159.3810, 42.2102, -52.0771.

-52.0771.

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

159.3810, 42.2102, -52.0771

Protanopia

167.0430, 34.9818, -20.2087

Deuteranopia

165.3670, 40.2451, -28.3859



Tritanopia

152.9130, 21.7349, -64.8217

Trichromacy



Original Color

159.3810, 42.2102, -52.0771

Protanomaly

164.3620, 37.7825, -31.8895

Deuteranomaly

163.4260, 40.7090, -37.2076

Tritanomaly

155.4820, 28.8494, -60.0587

Monochromacy



Original Color

159.3810, 42.2102, -52.0771

Achromatopsia

159.0000, 0.0000, 0.0000

Achromatomaly

159.1900, 15.1893, -18.5836

CSS Examples

Text

The CSS property to change the color of the text to YUV 159.3810, 42.2102, -52.0771 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(100, 173, 245)` looks like.

```
.text, #text, p{  
    color:rgb(100, 173, 245)  
}
```

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(100, 173, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(100, 173, 245) }
```

Border

The CSS property to change the border of an element to YUV 159.3810, 42.2102, -52.0771 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(100, 173, 245) }
```


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

```
.border{ border-color:rgb(100, 173, 245) }
```

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

Here you see how a box with a 4 pixel `rgb(100, 173, 245)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(100, 173, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(100, 173, 245);  
box-shadow:4px 4px 4px 4px rgb(100, 173,  
245) }
```

Background

The CSS property to change the background color of an element to YUV 159.3810, 42.2102, -52.0771 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(100, 173, 245) }
```

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

```
.background{ background-color: rgb(100,  
173, 245) }
```

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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