

Converting Colors

YUV(154.0870, 28.0581,
-39.5413)

Have a look what the booklet for
YUV(154.0870, 28.0581, -39.5413)
contains.

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Color

**YUV(154.0870, 28.0581,
-39.5413)**

Conversions

Conversions Part 1

Format	Color
Hex	6DA6D3
RGB	109, 166, 211
RGB Percent	43%, 65%, 83%
CMY	0.5725, 0.3490, 0.1725
CMYK	0.48, 0.21, 0.00, 0.17
HSL	206°, 54%, 63%
HSV	206°, 48%, 83%
XYZ	31.7008, 35.2268, 66.7567
YIQ	154.0870, -48.4170, 1.9110

Conversions

Conversions Part 2

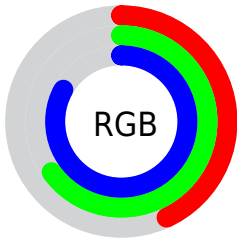
Format	Color
RYB	109, 146, 211
Decimal	7186131
CIELab	65.92, -6.38, -28.66
CIElCh	66, 29.357, 257.455
Yxy	35.2268, 0.2371, 0.2635
Android (android.graphics.Color)	4285376211 (0xFF6DA6D3)
YUV	154.0870, 28.0581, -39.5413
Hunter-Lab	59.3522, -8.5271, -25.1402

Details

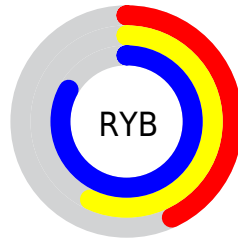
The YUV color **154.0870, 28.0581, -39.5413** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **165.9130, -28.0581, 39.5413**, and the grayscale version is **154.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **208.1320, 23.1059, -37.8268**, and **99.9510, 27.6322, -42.9300** is the 20% darker color. If you saturate the color by 10%, you get **142.5250, 33.7582, -47.8184**, and if you desaturate by 10%, it is **165.6490, 22.3580, -31.2642**.

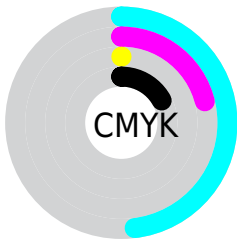
Distribution



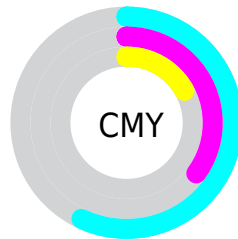
- Red (43%)
- Green (65%)
- Blue (83%)



- Red (43%)
- Yellow (57%)
- Blue (83%)



- Cyan (48%)
- Magenta (21%)
- Yellow (0%)
- Black (17%)



- Cyan (57%)
- Magenta (35%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the YUV color 154.0870, 28.0581, -39.5413 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 154.0870, 28.0581, -39.5413 by changing the saturation by 10% instead.

■ 154.0870, 28.0581,
-39.5413

■ 154.0870, 28.0581,
-39.5413

255.0000, 0.0000,
0.0000

■ 127.2610, 27.4793,
-40.5709

■ 208.1320, 23.1059,
-37.8268

■ 99.9510, 27.6322,
-42.9300

■ 233.2390, 10.7282,
-34.4126

■ 70.9390, 29.1171,
-52.5665

■ 245.4320, 4.7170,
-19.6729

■ 51.2990, 26.4746,
-44.9892

254.4020, 0.2948,
-1.2296

■ 35.5350, 21.9212,
-31.1642

■ 21.1730, 17.6627,
-18.5687

■ 5.1640, 14.7091,

-4.5288

■ 1.2540, 4.8048,
-1.0998

■ 0.0000, 0.0000,
0.0000

■ 154.0870, 28.0581,
-39.5413

■ 154.0870, 28.0581,
-39.5413

■ 142.5250, 33.7582,
-47.8184

■ 165.6490, 22.3580,
-31.2642

■ 130.3760, 39.7476,
-55.5808

■ 177.7980, 16.3686,
-23.5018

■ 118.8140, 45.4477,
-63.8579

■ 189.3600, 10.6685,
-15.2247

■ 107.2520, 51.1478,
-72.1350

■ 200.9220, 4.9685,
-6.9476

■ 95.1030, 57.1372,
-79.8973

■ 213.3700, -1.1684,
1.4295

■ 93.3200, 58.0162,
-81.8416

■ 224.9320, -6.8685,
9.7066

■ 235.8960,
-12.2737, 16.7542

■ 241.1790,
-14.8782, 12.1210

■ 247.0490,
-17.7722, 6.9730

Harmonies

Analogous

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



147.1570, 25.0656, -59.7737



154.0870, 28.0581, -39.5413



160.3510, 24.4770, -10.8318

Triad

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



154.0870, 28.0581, -39.5413



163.0980, -8.4293, 43.7641



153.6930, -14.6386, -18.1478

Complementary

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



154.0870, 28.0581, -39.5413



165.9130, -28.0581, 39.5413

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.



156.8440, -23.5871, 5.3988



154.0870, 28.0581, -39.5413



161.6170, -19.0382, 39.8009

Square

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



154.0870, 28.0581, -39.5413



164.2570, 3.8173, 35.7316



159.9220, -25.1045, 25.5014



149.5080, -0.7434, -41.6645

Rectangle

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



154.0870, 28.0581, -39.5413



163.0930, 19.1812, 7.8114



159.9220, -25.1045, 25.5014



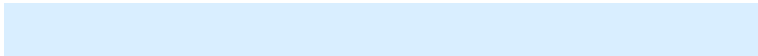
154.8250, -18.1547, -10.3705

Sweetspot

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



154.0870, 28.0581, -39.5413



233.6590, 10.5211, -14.6099



173.8900, -10.2988, -56.9085



114.6660, 6.5737, -8.4771



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.



154.0870, 28.0581, -39.5413



172.5930, 40.6267, -57.5251



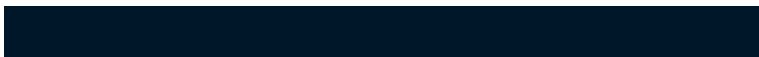
124.7370, 42.5277, -13.8013



98.7760, 3.0684, -4.1886



74.3300, 46.1793, -65.1874



18.1750, 11.2527, -15.9395

Inverse Universe

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



145.9960, 9.8620, 57.0085



160.7140, 14.4380, 82.6888



195.2630, -42.5277, 13.8013



97.9730, 0.9993, 6.1627



60.9480, 16.2946, 93.8846



14.8810, 4.0027, 22.9064

Previews

White Background



This preview shows how the YUV color 154.0870, 28.0581, -39.5413 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 154.0870, 28.0581, -39.5413 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 154.0870, 28.0581, -39.5413

Background



This preview shows how black text looks on a background with the YUV color 154.0870, 28.0581, -39.5413.



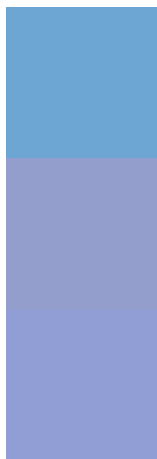
This preview shows how white text looks on a background with the YUV color 154.0870, 28.0581, -39.5413.

-39.5413.

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

154.0870, 28.0581, -39.5413

Protanopia

160.0690, 22.1510, -11.4615

Deuteranopia

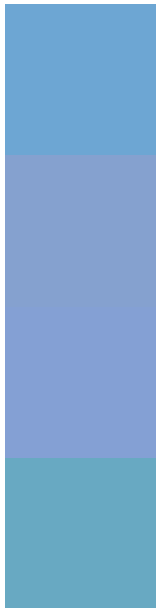
159.7960, 26.2296, -12.9761



Tritanopia

151.6660, 16.4337, -44.4341

Trichromacy



Original Color

154.0870, 28.0581, -39.5413

Protanomaly

157.8720, 24.2201, -21.8127

Deuteranomaly

157.5560, 26.8409, -22.4126

Tritanomaly

152.4150, 20.5014, -42.4600

Monochromacy



Original Color

154.0870, 28.0581, -39.5413

Achromatopsia

154.0000, 0.0000, 0.0000

Achromatomaly

153.9580, 10.3737, -13.9952

CSS Examples

Text

The CSS property to change the color of the text to YUV 154.0870, 28.0581, -39.5413 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(109, 166, 211)` looks like.

```
.text, #text, p{  
    color:rgb(109, 166, 211)  
}
```

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(109, 166, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(109, 166, 211) }
```

Border

The CSS property to change the border of an element to YUV 154.0870, 28.0581, -39.5413 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(109, 166, 211) }
```


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

```
.border{ border-color:rgb(109, 166, 211) }
```

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

Here you see how a box with a 4 pixel rgb(109, 166, 211) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(109, 166, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(109, 166, 211);  
box-shadow:4px 4px 4px 4px rgb(109, 166,  
211) }
```

Background

The CSS property to change the background color of an element to YUV 154.0870, 28.0581, -39.5413 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(109, 166, 211) }
```

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

```
.background{ background-color: rgb(109,  
166, 211) }
```

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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