

Converting Colors

YUV(154.0900, 33.4796,
-51.8219)

Have a look what the booklet for
YUV(154.0900, 33.4796, -51.8219)
contains.

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Color

**YUV(154.0900, 33.4796,
-51.8219)**

Conversions

Conversions Part 1

Format	Color
Hex	5FABDE
RGB	95, 171, 222
RGB Percent	37%, 67%, 87%
CMY	0.6275, 0.3294, 0.1294
CMYK	0.57, 0.23, 0.00, 0.13
HSL	204°, 66%, 62%
HSV	204°, 57%, 87%
XYZ	32.4670, 36.8326, 74.5055
YIQ	154.0900, -61.6670, -0.2510

Conversions

Conversions Part 2

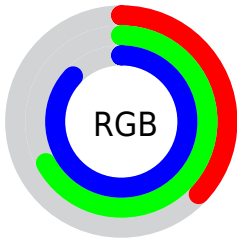
Format	Color
RYB	95, 143, 222
Decimal	6269918
CIELab	67.15, -8.89, -32.88
CIELCh	67, 34.057, 254.867
Yxy	36.8326, 0.2258, 0.2561
Android (android.graphics.Color)	4284459998 (0xFF5FABDE)
YUV	154.0900, 33.4796, -51.8219
Hunter-Lab	60.6899, -10.7159, -30.3039

Details

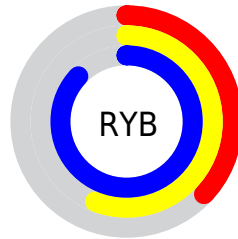
The YUV color **154.0900, 33.4796, -51.8219** is a light color, and the websafe version is hex **3399CC**. The color can be described as light muted azure. A complement of this color would be **162.9100, -33.4796, 51.8219**, and the grayscale version is **154.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **207.7780, 23.2804, -47.1633**, and **95.7680, 35.1174, -63.8175** is the 20% darker color. If you saturate the color by 10%, you get **142.2290, 39.3271, -60.7138**, and if you desaturate by 10%, it is **165.9510, 27.6322, -42.9300**.

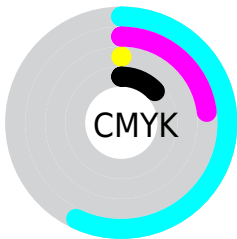
Distribution



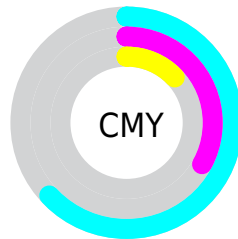
- Red (37%)
- Green (67%)
- Blue (87%)



- Red (37%)
- Yellow (56%)
- Blue (87%)



- Cyan (57%)
- Magenta (23%)
- Yellow (0%)
- Black (13%)



- Cyan (63%)
- Magenta (33%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the YUV color 154.0900, 33.4796, -51.8219 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 154.0900, 33.4796, -51.8219 by changing the saturation by 10% instead.

■ 154.0900, 33.4796,
-51.8219

■ 154.0900, 33.4796,
-51.8219

■ 255.0000, 0.0000,
0.0000

■ 126.3670, 33.3431,
-54.6959

■ 207.7780, 23.2804,
-47.1633

■ 95.7680, 35.1174,
-63.8175

■ 233.4720, 10.6133,
-44.2639

■ 71.1380, 33.9490,
-62.3880

■ 242.4420, 6.1911,
-25.8206

■ 54.6730, 29.2482,
-47.9482

■ 251.4120, 1.7689,
-7.3773

■ 39.0230, 25.1317,
-34.2232

■ 23.9600, 20.7257,
-21.0129

■ 6.6630, 17.9141,

-5.8435

■ 3.0950, 9.3202,
-2.7143

■ 0.0000, 0.0000,
0.0000

■ 154.0900, 33.4796,
-51.8219

■ 154.0900, 33.4796,
-51.8219

■ 142.2290, 39.3271,
-60.7138

■ 165.9510, 27.6322,
-42.9300

■ 130.3680, 45.1746,
-69.6057

■ 177.8120, 21.7847,
-34.0381

■ 118.2080, 51.1695,
-79.1124

■ 189.9720, 15.7898,
-24.5314

■ 106.3470, 57.0169,
-88.0043

■ 201.8330, 9.9423,
-15.6395

■ 103.3790, 58.4802,
-90.6634

■ 213.6940, 4.0949,
-6.7476

■ 224.9680, -1.4632,
2.6591

■ 236.8290, -7.3107,
11.5510

■ 243.6070,
-10.6523, 9.9917

■ 248.8900,
-13.2568, 5.3585

Harmonies

Analogous

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



143.2300, 30.9456, -79.1317



154.0900, 33.4796, -51.8219



163.1700, 29.0032, -15.9351

Triad

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



154.0900, 33.4796, -51.8219



166.1420, -8.4510, 50.7415



155.7700, -18.1276, -19.0923

Complementary

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



154.0900, 33.4796, -51.8219



162.9100, -33.4796, 51.8219

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.



159.7150, -27.9605, 8.1429



154.0900, 33.4796, -51.8219



164.7920, -21.0965, 46.6634

Square

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



154.0900, 33.4796, -51.8219



167.8600, 5.9850, 40.4648



162.7440, -28.4678, 30.9195



150.7200, -2.3270, -47.1124

Rectangle

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



154.0900, 33.4796, -51.8219



166.8200, 23.2597, 6.2969



162.7440, -28.4678, 30.9195



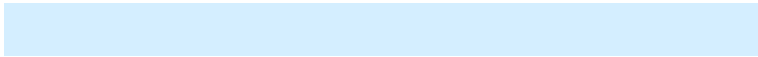
157.3860, -22.3753, -9.9855

Sweetspot

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



154.0900, 33.4796, -51.8219



232.1640, 11.2581, -17.6838



175.3630, -14.4760, -70.4784



113.7690, 7.0159, -10.3214



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.



154.0900, 33.4796, -51.8219



160.6990, 46.4904, -71.6500



117.1090, 51.7113, -19.3896



106.3630, 2.7790, -4.7034



81.6990, 46.4904, -71.6500



22.4950, 12.5740, -19.7281

Inverse Universe

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



141.6370, 14.4760, 70.4784



143.5940, 19.9202, 97.7031



199.8910, -51.7113, 19.3896



105.0870, 1.4361, 6.0627



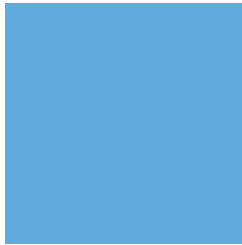
64.5940, 19.9202, 97.7031



17.6580, 5.5916, 26.6099

Previews

White Background



This preview shows how the YUV color 154.0900, 33.4796, -51.8219 looks on a white background.

Color Contrast Check

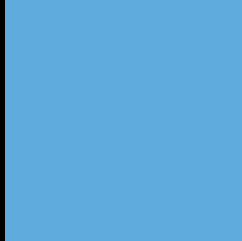
Large Text (above 18pt) WCAG AA × Fail

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 154.0900, 33.4796, -51.8219 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

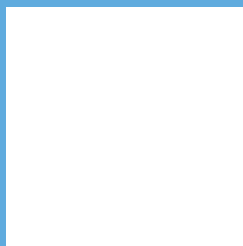
Any Text WCAG AAA ✓ Pass

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

YUV 154.0900, 33.4796, -51.8219 Background



This preview shows how black text looks on a background with the YUV color 154.0900, 33.4796, -51.8219.



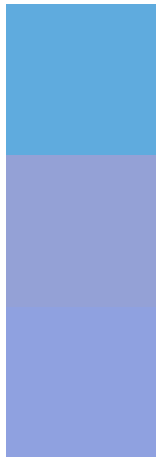
This preview shows how white text looks on a background with the YUV color 154.0900, 33.4796, -51.8219.

-51.8219.

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

154.0900, 33.4796, -51.8219

Protanopia

163.1550, 25.0666, -13.2909

Deuteranopia

162.8000, 30.1716, -17.3646



Tritanopia

150.1910, 20.1188, -59.8035

Trichromacy



Original Color

154.0900, 33.4796, -51.8219

Protanomaly

160.1640, 28.0201, -27.3308

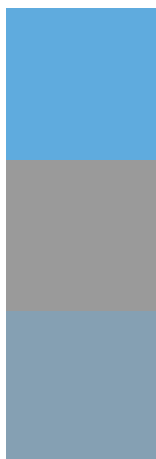
Deuteranomaly

159.9510, 31.0832, -29.7750

Tritanomaly

151.7660, 24.7654, -56.7998

Monochromacy



Original Color

154.0900, 33.4796, -51.8219

Achromatopsia

154.0000, 0.0000, 0.0000

Achromatomaly

154.0930, 12.2792, -18.4986

CSS Examples

Text

The CSS property to change the color of the text to YUV 154.0900, 33.4796, -51.8219 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(95, 171, 222)` looks like.

```
.text, #text, p{  
    color:rgb(95, 171, 222)  
}
```

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(95, 171, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 171, 222) }
```

Border

The CSS property to change the border of an element to YUV 154.0900, 33.4796, -51.8219 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(95, 171, 222) }
```


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

```
.border{ border-color:rgb(95, 171, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(95, 171, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(95, 171, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(95, 171, 222);  
box-shadow:4px 4px 4px 4px rgb(95, 171,  
222) }
```

Background

The CSS property to change the background color of an element to YUV 154.0900, 33.4796, -51.8219 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(95, 171, 222) }
```

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

```
.background{ background-color: rgb(95, 171,  
222) }
```

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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