

Converting Colors

YUV(149.1400, 34.4410,
-33.4488)

Have a look what the booklet for
YUV(149.1400, 34.4410, -33.4488)
contains.

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Color

**YUV(149.1400, 34.4410,
-33.4488)**

Conversions

Conversions Part 1

Format	Color
Hex	6F9BDB
RGB	111, 155, 219
RGB Percent	44%, 61%, 86%
CMY	0.5647, 0.3922, 0.1412
CMYK	0.49, 0.29, 0.00, 0.14
HSL	216°, 60%, 65%
HSV	216°, 49%, 86%
XYZ	31.0631, 31.9367, 71.5450
YIQ	149.1400, -46.7680, 10.5760

Conversions

Conversions Part 2

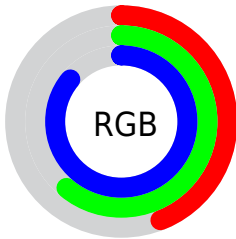
Format	Color
R _Y B	111, 142, 219
Decimal	7314395
CIE Lab	63.29, 2.64, -37.17
CIE LCh	63, 37.260, 274.059
Yxy	31.9367, 0.2309, 0.2374
Android (android.graphics.Color)	4285504475 (0xFF6F9BDB)
YUV	149.1400, 34.4410, -33.4488
Hunter-Lab	56.5125, -0.7814, -35.5025

Details

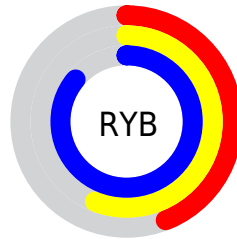
The YUV color **149.1400, 34.4410, -33.4488** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **180.8600, -34.4410, 33.4488**, and the grayscale version is **149.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **201.9850, 26.1364, -29.8048**, and **95.5910, 33.7256, -37.3523** is the 20% darker color. If you saturate the color by 10%, you get **134.9310, 41.4460, -40.2815**, and if you desaturate by 10%, it is **163.3490, 27.4359, -26.6161**.

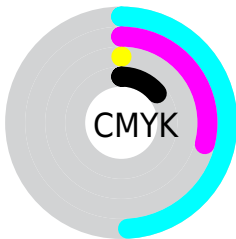
Distribution



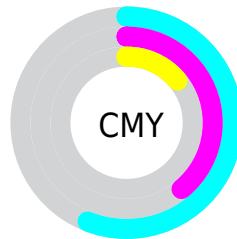
- Red (44%)
- Green (61%)
- Blue (86%)



- Red (44%)
- Yellow (56%)
- Blue (86%)



- Cyan (49%)
- Magenta (29%)
- Yellow (0%)
- Black (14%)



- Cyan (56%)
- Magenta (39%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the YUV color 149.1400, 34.4410, -33.4488 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 149.1400, 34.4410, -33.4488 by changing the saturation by 10% instead.

■ 149.1400, 34.4410,
-33.4488

■ 149.1400, 34.4410,
-33.4488

255.0000, 0.0000,
0.0000

■ 122.3140, 33.8622,
-34.4784

■ 201.9850, 26.1364,
-29.8048

■ 95.5910, 33.7256,
-37.3523

■ 226.7930, 13.9061,
-27.0055

■ 66.1660, 34.9212,
-47.5036

■ 246.3290, 4.2748,
-17.8285

■ 46.7000, 31.6999,
-40.9559

■ 31.6370, 27.2940,
-27.7456

■ 15.9870, 23.1774,
-14.0206

■ 6.3210, 16.6037,

-5.5435

■ 2.6390, 7.5730,
-2.3144

■ 0.0000, 0.0000,
0.0000

■ 149.1400, 34.4410,
-33.4488

■ 149.1400, 34.4410,
-33.4488

■ 134.9310, 41.4460,
-40.2815

■ 163.3490, 27.4359,
-26.6161

■ 120.7220, 48.4511,
-47.1142

■ 177.5580, 20.4309,
-19.7834

■ 106.5130, 55.4561,
-53.9469

■ 191.7670, 13.4259,
-12.9507

■ 92.3040, 62.4611,
-60.7796

■ 205.9760, 6.4208,
-6.1180

■ 78.3940, 69.3188,
-66.9975

■ 219.8860, -0.4368,
0.1000

■ 77.2090, 69.9030,
-67.7123

■ 234.0950, -7.4418,
6.9327

■ 245.6130,
-13.1202, 8.2324

■ 250.8960,
-15.7247, 3.5992

Harmonies

Analogous

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



133.2930, 38.8026, -79.1870



149.1400, 34.4410, -33.4488



156.3900, 25.4437, 5.7970

Triad

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



149.1400, 34.4410, -33.4488



154.6340, -18.0606, 52.9410



140.7440, -8.7478, -40.9945

Complementary

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



149.1400, 34.4410, -33.4488



180.8600, -34.4410, 33.4488

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.



146.5170, -24.4119, -10.1004



149.1400, 34.4410, -33.4488



152.6850, -28.9317, 39.7413

Square

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



149.1400, 34.4410, -33.4488



156.2330, -3.0729, 52.4157



150.4450, -31.7714, 17.1497



130.5340, 13.0477, -78.5213

Rectangle

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



149.1400, 34.4410, -33.4488



157.7580, 17.3743, 27.3992



150.4450, -31.7714, 17.1497



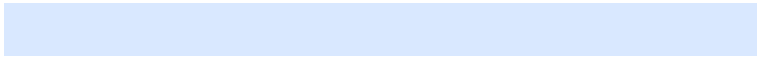
143.5020, -15.0375, -30.2583

Sweetspot

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



149.1400, 34.4410, -33.4488



230.1370, 12.2575, -11.5211



181.5780, -3.7360, -61.8969



112.9050, 7.4418, -6.9327



0.0000, 0.0000, 0.0000



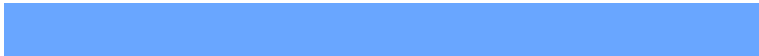
128.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



149.1400, 34.4410, -33.4488



157.9070, 47.8668, -46.3994



126.0030, 45.8475, -5.2646



102.6020, 3.6472, -3.1590



61.3990, 55.0193, -53.8469



16.3970, 14.5943, -14.3802

Inverse Universe

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



148.3080, 3.2992, 61.9969



156.8040, 4.5336, 86.1179



203.9970, -45.8475, 5.2646



102.7450, 0.1257, 6.3626



59.8210, 5.5112, 99.2580



15.9200, 1.5184, 26.3802

Previews

White Background



This preview shows how the YUV color 149.1400, 34.4410, -33.4488 looks on a white background.

Color Contrast Check

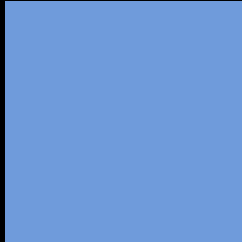
Large Text (above 18pt) WCAG AA × Fail

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 149.1400, 34.4410, -33.4488 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

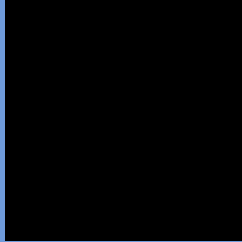
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

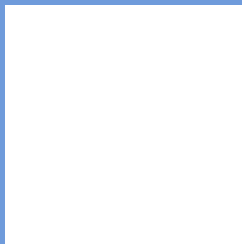
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 149.1400, 34.4410, -33.4488

Background



This preview shows how black text looks on a background with the YUV color 149.1400, 34.4410, -33.4488.



This preview shows how white text looks on a background with the YUV color 149.1400, 34.4410, -33.4488.

-33.4488.

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

149.1400, 34.4410, -33.4488

Protanopia

152.0280, 31.0452, -17.5646

Deuteranopia

151.3910, 33.8242, -22.2679



Tritanopia

144.7480, 15.4072, -41.8750

Trichromacy



Original Color

149.1400, 34.4410, -33.4488

Protanomaly

150.9240, 32.0825, -23.6123

Deuteranomaly

150.4830, 34.2719, -25.8566

Tritanomaly

146.3060, 22.5271, -38.8564

Monochromacy



Original Color

149.1400, 34.4410, -33.4488

Achromatopsia

149.0000, 0.0000, 0.0000

Achromatomaly

148.8380, 12.4049, -12.1359

CSS Examples

Text

The CSS property to change the color of the text to YUV 149.1400, 34.4410, -33.4488 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(111, 155, 219)` looks like.

```
.text, #text, p{  
    color:rgb(111, 155, 219)  
}
```

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(111, 155, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(111, 155, 219) }
```

Border

The CSS property to change the border of an element to YUV 149.1400, 34.4410, -33.4488 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(111, 155, 219) }
```


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

```
.border{ border-color:rgb(111, 155, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(111, 155, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(111, 155, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(111, 155, 219);  
box-shadow:4px 4px 4px 4px rgb(111, 155,  
219) }
```

Background

The CSS property to change the background color of an element to YUV 149.1400, 34.4410, -33.4488 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(111, 155, 219) }
```

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

```
.background{ background-color: rgb(111,  
155, 219) }
```

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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