

Converting Colors

YUV(142.2350, 40.3101,
-49.3181)

Have a look what the booklet for
YUV(142.2350, 40.3101, -49.3181)
contains.

YUV(142.2350, 40.3101, -49.3181)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(142.2350, 40.3101,
-49.3181)**

Conversions

Conversions Part 1

Format	Color
Hex	569BE0
RGB	86, 155, 224
RGB Percent	34%, 61%, 88%
CMY	0.6627, 0.3922, 0.1216
CMYK	0.62, 0.31, 0.00, 0.12
HSL	210°, 69%, 61%
HSV	210°, 62%, 88%
XYZ	29.0136, 30.8029, 74.9374
YIQ	142.2350, -63.2730, 6.8310

Conversions

Conversions Part 2

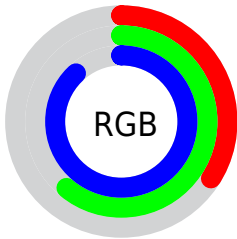
Format	Color
R _Y B	86, 132, 224
Decimal	5676000
CIE Lab	62.34, -1.02, -41.51
CIE LCh	62, 41.522, 268.597
Yxy	30.8029, 0.2153, 0.2286
Android (android.graphics.Color)	4283866080 (0xFF569BE0)
YUV	142.2350, 40.3101, -49.3181
Hunter-Lab	55.5004, -3.8122, -41.2039

Details

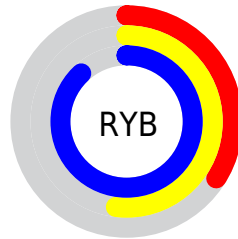
The YUV color **142.2350, 40.3101, -49.3181** is a light color, and the websafe version is hex **6699CC**. The color can be described as light muted azure. A complement of this color would be **167.7650, -40.3101, 49.3181**, and the grayscale version is **142.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **195.4070, 29.3793, -43.3299**, and **80.2000, 43.2854, -70.3354** is the 20% darker color. If you saturate the color by 10%, you get **129.2000, 46.7364, -57.1804**, and if you desaturate by 10%, it is **155.2700, 33.8839, -41.4558**.

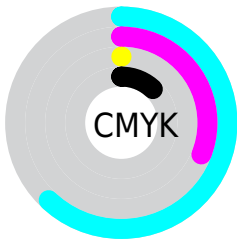
Distribution



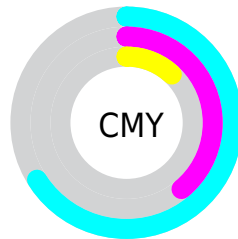
- Red (34%)
- Green (61%)
- Blue (88%)



- Red (34%)
- Yellow (52%)
- Blue (88%)



- Cyan (62%)
- Magenta (31%)
- Yellow (0%)
- Black (12%)



- Cyan (66%)
- Magenta (39%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the YUV color 142.2350, 40.3101, -49.3181 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 142.2350, 40.3101, -49.3181 by changing the saturation by 10% instead.

■ 142.2350, 40.3101,
-49.3181

■ 142.2350, 40.3101,
-49.3181

255.0000, 0.0000,
0.0000

■ 113.6150, 40.6158,
-54.0364

■ 195.4070, 29.3793,
-43.3299

■ 80.2000, 43.2854,
-70.3354

■ 220.8130, 16.8542,
-39.3010

■ 63.1480, 38.8740,
-55.3808

■ 240.3490, 7.2229,
-30.1241

■ 47.2700, 33.8839,
-41.4558

■ 249.3190, 2.8007,
-11.6808

■ 32.0930, 29.0412,
-28.1456

■ 16.4430, 24.9246,
-14.4205

■ 6.7770, 18.3509,

-5.9434

■ 3.0950, 9.3202,
-2.7143

■ 0.0000, 0.0000,
0.0000

■ 142.2350, 40.3101,
-49.3181

■ 142.2350, 40.3101,
-49.3181

■ 129.2000, 46.7364,
-57.1804

■ 155.2700, 33.8839,
-41.4558

■ 115.8660, 53.3101,
-65.6575

■ 168.6040, 27.3102,
-32.9787

■ 102.2440, 60.0257,
-73.0050

■ 182.2260, 20.5946,
-25.6312

■ 91.2800, 65.4310,
-80.0526

■ 195.5600, 14.0209,
-17.1541

■ 208.5950, 7.5947,
-9.2918

■ 221.6300, 1.1684,
-1.4295

■ 234.9640, -5.4053,
7.0476

■ 245.5960,
-10.6468, 8.2473

■ 251.4660,
-13.5407, 3.0993

Harmonies

Analogous

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



120.5500, 45.5778, -105.7223



142.2350, 40.3101, -49.3181



153.0130, 30.5596, -1.7654

Triad

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



142.2350, 40.3101, -49.3181



151.9060, -17.2087, 59.7184



137.6040, -13.1158, -39.9947

Complementary

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



142.2350, 40.3101, -49.3181



167.7650, -40.3101, 49.3181

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.



144.1710, -29.6643, -5.4120



142.2350, 40.3101, -49.3181



150.3870, -30.2638, 47.0186

Square

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



142.2350, 40.3101, -49.3181



153.7650, 0.1159, 56.3341



147.8650, -35.4294, 23.7974



119.6520, 13.9756, -96.1648

Rectangle

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



142.2350, 40.3101, -49.3181



155.0010, 22.1845, 24.5551



147.8650, -35.4294, 23.7974



140.2590, -19.8477, -27.4141

Sweetspot

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



142.2350, 40.3101, -49.3181



227.7450, 13.4367, -16.4394



174.8720, -9.7969, -77.9407



110.5240, 8.6157, -10.1065



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.



142.2350, 40.3101, -49.3181



143.3110, 55.0627, -67.8017



101.7320, 60.2781, -13.7970



105.7760, 3.0684, -4.1886



71.7200, 51.4100, -62.8984



19.5600, 14.0209, -17.1541

Inverse Universe

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



135.1280, 9.7969, 77.9407



133.3410, 13.6359, 106.6949



208.2680, -60.2781, 13.7970



104.9730, 0.9993, 6.1627



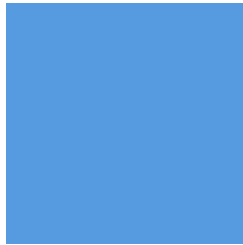
62.6560, 12.4946, 99.4027



17.0880, 3.4076, 27.1098

Previews

White Background



This preview shows how the YUV color 142.2350, 40.3101, -49.3181 looks on a white background.

Color Contrast Check

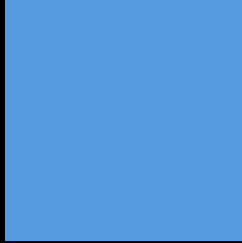
Large Text (above 18pt) WCAG AA × Fail

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 142.2350, 40.3101, -49.3181 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

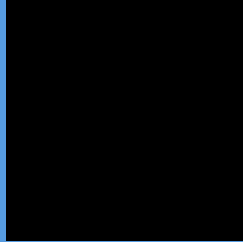
Any Text WCAG AA ✓ Pass

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 142.2350, 40.3101, -49.3181 Background



This preview shows how black text looks on a background with the YUV color 142.2350, 40.3101, -49.3181.



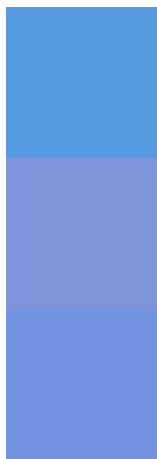
This preview shows how white text looks on a background with the YUV color 142.2350, 40.3101, -49.3181.

-49.3181.

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

142.2350, 40.3101, -49.3181

Protanopia

149.7010, 33.6714, -19.9088

Deuteranopia

147.4980, 38.2085, -28.5007



Tritanopia

135.5820, 20.4191, -62.7774

Trichromacy



Original Color

142.2350, 40.3101, -49.3181

Protanomaly

147.2050, 35.8879, -30.8748

Deuteranomaly

145.3830, 39.2512, -36.2929

Tritanomaly

138.1510, 27.5336, -58.0144

Monochromacy



Original Color

142.2350, 40.3101, -49.3181

Achromatopsia

142.0000, 0.0000, 0.0000

Achromatomaly

142.3750, 14.6051, -17.8689

CSS Examples

Text

The CSS property to change the color of the text to YUV 142.2350, 40.3101, -49.3181 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(86, 155, 224)` looks like.

```
.text, #text, p{  
    color:rgb(86, 155, 224)  
}
```

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(86, 155, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(86, 155, 224) }
```

Border

The CSS property to change the border of an element to YUV 142.2350, 40.3101, -49.3181 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(86, 155, 224) }
```


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

```
.border{ border-color:rgb(86, 155, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(86, 155, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(86, 155, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(86, 155, 224);  
box-shadow:4px 4px 4px 4px rgb(86, 155,  
224) }
```

Background

The CSS property to change the background color of an element to YUV 142.2350, 40.3101, -49.3181 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(86, 155, 224) }
```

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

```
.background{ background-color: rgb(86, 155,  
224) }
```

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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