

Converting Colors

YUV(142.0540, 41.3854,
-67.5764)

Have a look what the booklet for
YUV(142.0540, 41.3854, -67.5764)
contains.

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Color

**YUV(142.0540, 41.3854,
-67.5764)**

Conversions

Conversions Part 1

Format	Color
Hex	41A5E2
RGB	65, 165, 226
RGB Percent	25%, 65%, 89%
CMY	0.7451, 0.3529, 0.1137
CMYK	0.71, 0.27, 0.00, 0.11
HSL	203°, 74%, 57%
HSV	203°, 71%, 89%
XYZ	29.3626, 33.5251, 76.8749
YIQ	142.0540, -79.1810, -2.2290

Conversions

Conversions Part 2

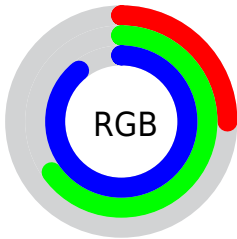
Format	Color
R _{YB}	65, 127, 226
Decimal	4302306
CIE Lab	64.58, -9.34, -39.15
CIE LCh	65, 40.250, 256.582
Yxy	33.5251, 0.2101, 0.2399
Android (android.graphics.Color)	4282492386 (0xFF41A5E2)
YUV	142.0540, 41.3854, -67.5764
Hunter-Lab	57.9008, -10.8059, -38.1887

Details

The YUV color **142.0540, 41.3854, -67.5764** 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 **148.9460, -41.3854, 67.5764**, and the grayscale version is **142.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **197.3790, 28.4072, -58.2144**, and **85.7110, 41.5545, -75.1685** is the 20% darker color. If you saturate the color by 10%, you get **129.8940, 47.3803, -77.0830**, and if you desaturate by 10%, it is **154.2140, 35.3905, -58.0697**.

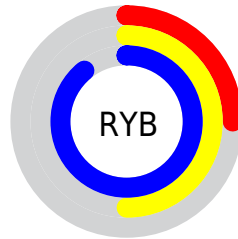
Distribution



Red (25%)

Green (65%)

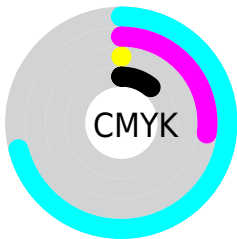
Blue (89%)



Red (25%)

Yellow (50%)

Blue (89%)

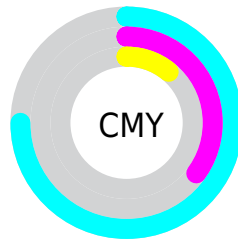


Cyan (71%)

Magenta (27%)

Yellow (0%)

Black (11%)



Cyan (75%)

Magenta (35%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the YUV color 142.0540, 41.3854, -67.5764 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 142.0540, 41.3854, -67.5764 by changing the saturation by 10% instead.

■ 142.0540, 41.3854,
-67.5764

■ 142.0540, 41.3854,
-67.5764

■ 255.0000, 0.0000,
0.0000

■ 107.4540, 44.6392,
-84.5902

■ 197.3790, 28.4072,
-58.2144

■ 85.7110, 41.5545,
-75.1685

■ 223.0840, 15.7346,
-53.5707

■ 68.6590, 37.1431,
-60.2139

■ 236.1630, 9.2866,
-38.7310

■ 52.1940, 32.4424,
-45.7741

■ 245.1330, 4.8644,
-20.2876

■ 36.4300, 27.8890,
-31.9491

■ 254.4020, 0.2948,
-1.2296

■ 21.9540, 23.1937,
-19.2537

■ 7.5920, 18.9351,

-6.6582

■ 3.3230, 10.1938,
-2.9143

■ 0.0000, 0.0000,
0.0000

■ 142.0540, 41.3854,
-67.5764

■ 142.0540, 41.3854,
-67.5764

■ 129.8940, 47.3803,
-77.0830

■ 154.2140, 35.3905,
-58.0697

■ 118.6200, 52.9383,
-86.4897

■ 165.4880, 29.8324,
-48.6630

■ 107.9440, 58.2016,
-94.6669

■ 177.6480, 23.8375,
-39.1563

■ 188.9220, 18.2795,
-29.7496

■ 201.0820, 12.2846,
-20.2429

■ 212.6550, 6.5791,
-10.2214

■ 224.5160, 0.7316,
-1.3295

■ 236.6760, -5.2633,
8.1771

■ 244.0630, -8.9051,
9.5917

Harmonies

Analogous

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



124.6760, 41.0787, -109.3409



142.0540, 41.3854, -67.5764



155.8260, 34.1028, -18.2644

Triad

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



142.0540, 41.3854, -67.5764



158.4420, -10.0779, 59.2484



147.4550, -20.4373, -24.9550

Complementary

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



142.0540, 41.3854, -67.5764



148.9460, -41.3854, 67.5764

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.



152.1510, -32.6124, 6.8836



142.0540, 41.3854, -67.5764



156.7990, -25.0439, 52.7963

Square

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



142.0540, 41.3854, -67.5764



160.7300, 6.5421, 48.4718



154.9740, -34.0042, 33.3488



138.3160, 0.3372, -61.6671

Rectangle

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



142.0540, 41.3854, -67.5764



160.0530, 26.5959, 9.6005



154.9740, -34.0042, 33.3488



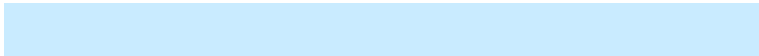
148.8540, -25.5640, -13.9040

Sweetspot

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



142.0540, 41.3854, -67.5764



227.1140, 13.7478, -22.9020



166.2330, -20.8209, -88.7813



110.8010, 8.4791, -12.9805



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.



142.0540, 41.3854, -67.5764



141.9830, 55.7174, -91.1931



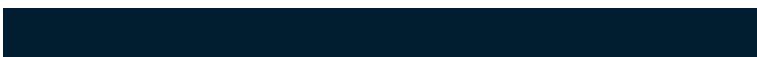
95.6810, 64.2473, -26.9072



106.3630, 2.7790, -4.7034



84.0470, 45.3328, -73.7092



23.0820, 12.2846, -20.2429

Inverse Universe

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



124.5390, 19.9473, 88.9813



118.2730, 26.9804, 119.9096



195.3190, -64.2473, 26.9072



105.0870, 1.4361, 6.0627



65.0500, 21.6674, 97.3032



17.7720, 6.0284, 26.5100

Previews

White Background



This preview shows how the YUV color 142.0540, 41.3854, -67.5764 looks on a white background.

Color Contrast Check

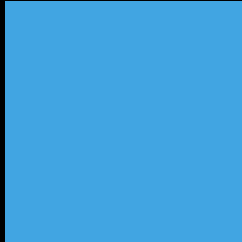
Large Text (above 18pt) WCAG AA × Fail

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 142.0540, 41.3854, -67.5764 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

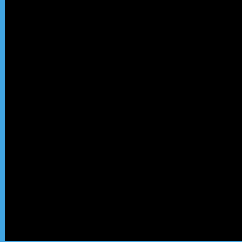
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

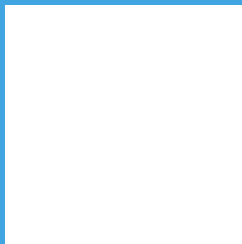
Any Text WCAG AAA ✓ Pass

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

YUV 142.0540, 41.3854, -67.5764 Background



This preview shows how black text looks on a background with the YUV color 142.0540, 41.3854, -67.5764.

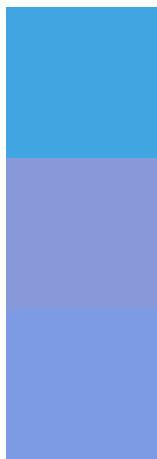


This preview shows how white text looks on a background with the YUV color 142.0540, 41.3854, -67.5764.

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

142.0540, 41.3854, -67.5764

Protanopia

155.2130, 30.4610, -16.8498

Deuteranopia

154.3520, 36.3085, -25.7417



Tritanopia

132.0350, 26.6047, -86.8537

Trichromacy



Original Color

142.0540, 41.3854, -67.5764

Protanomaly

150.1290, 34.4464, -35.1931

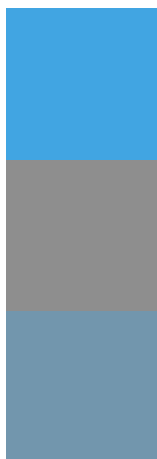
Deuteranomaly

150.0080, 37.9571, -41.2260

Tritanomaly

135.5720, 32.2560, -79.4316

Monochromacy



Original Color

142.0540, 41.3854, -67.5764

Achromatopsia

142.0000, 0.0000, 0.0000

Achromatomaly

141.8580, 15.3530, -24.4315

CSS Examples

Text

The CSS property to change the color of the text to YUV 142.0540, 41.3854, -67.5764 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(65, 165, 226)` looks like.

```
.text, #text, p{  
    color:rgb(65, 165, 226)  
}
```

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(65, 165, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(65, 165, 226) }
```

Border

The CSS property to change the border of an element to YUV 142.0540, 41.3854, -67.5764 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(65, 165, 226) }
```


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

```
.border{ border-color:rgb(65, 165, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(65, 165, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(65, 165, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(65, 165, 226);  
box-shadow:4px 4px 4px 4px rgb(65, 165,  
226) }
```

Background

The CSS property to change the background color of an element to YUV 142.0540, 41.3854, -67.5764 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(65, 165, 226) }
```

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

```
.background{ background-color: rgb(65, 165,  
226) }
```

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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