

Converting Colors

YUV(147.2140, 35.3905,
-58.0697)

Have a look what the booklet for
YUV(147.2140, 35.3905, -58.0697)
contains.

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Color

**YUV(147.2140, 35.3905,
-58.0697)**

Conversions

Conversions Part 1

Format	Color
Hex	51A7DB
RGB	81, 167, 219
RGB Percent	32%, 65%, 86%
CMY	0.6824, 0.3451, 0.1412
CMYK	0.63, 0.24, 0.00, 0.14
HSL	203°, 66%, 59%
HSV	203°, 63%, 86%
XYZ	29.9982, 34.5012, 72.0962
YIQ	147.2140, -67.9480, -2.0600

Conversions

Conversions Part 2

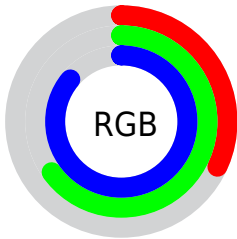
Format	Color
RYP	81, 134, 219
Decimal	5351387
CIELab	65.36, -10.26, -34.05
CIELCh	65, 35.558, 253.234
Yxy	34.5012, 0.2196, 0.2526
Android (android.graphics.Color)	4283541467 (0xFF51A7DB)
YUV	147.2140, 35.3905, -58.0697
Hunter-Lab	58.7378, -11.6285, -31.6576

Details

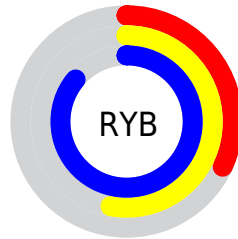
The YUV color **147.2140, 35.3905, -58.0697** is a light color, and the websafe version is hex **3399CC**. The color can be described as light muted azure. A complement of this color would be **152.7860, -35.3905, 58.0697**, and the grayscale version is **147.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **201.8420, 26.2069, -52.4814**, and **86.2010, 38.3549, -75.5983** is the 20% darker color. If you saturate the color by 10%, you get **135.9400, 40.9486, -67.4764**, and if you desaturate by 10%, it is **158.4880, 29.8324, -48.6630**.

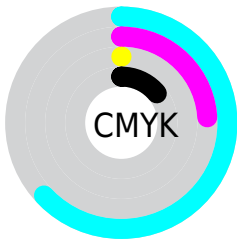
Distribution



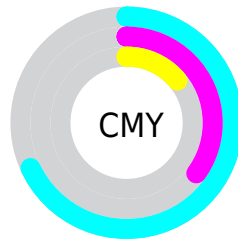
- Red (32%)
- Green (65%)
- Blue (86%)



- Red (32%)
- Yellow (53%)
- Blue (86%)



- Cyan (63%)
- Magenta (24%)
- Yellow (0%)
- Black (14%)



- Cyan (68%)
- Magenta (35%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the YUV color 147.2140, 35.3905, -58.0697 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 147.2140, 35.3905, -58.0697 by changing the saturation by 10% instead.

■ 147.2140, 35.3905,
-58.0697

■ 147.2140, 35.3905,
-58.0697

■ 255.0000, 0.0000,
0.0000

■ 118.2950, 35.8436,
-63.4027

■ 201.8420, 26.2069,
-52.4814

■ 86.2010, 38.3549,
-75.5983

■ 227.8350, 13.3923,
-48.9673

■ 69.0350, 33.5067,
-60.5437

■ 238.8540, 7.9600,
-33.1980

■ 52.0970, 29.5322,
-45.6891

■ 247.8240, 3.5378,
-14.7546

■ 36.3330, 24.9788,
-31.8640

■ 22.4440, 19.9941,
-19.6834

■ 6.4350, 17.0405,

-5.6435

■ 2.7530, 8.0098,
-2.4144

■ 0.0000, 0.0000,
0.0000

■ 147.2140, 35.3905,
-58.0697

■ 147.2140, 35.3905,
-58.0697

■ 135.9400, 40.9486,
-67.4764

■ 158.4880, 29.8324,
-48.6630

■ 124.0790, 46.7961,
-76.3683

■ 170.3490, 23.9849,
-39.7711

■ 112.8050, 52.3541,
-85.7750

■ 181.6230, 18.4269,
-30.3644

■ 104.7980, 56.3016,
-91.9078

■ 192.8970, 12.8688,
-20.9577

■ 204.1710, 7.3107,
-11.5510

■ 215.7330, 1.6106,
-3.2738

■ 227.0070, -3.9475,
6.1329

■ 237.9820, -9.3581,
14.9248

■ 242.6780,
-11.6733, 10.8064

Harmonies

Analogous

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



132.5380, 33.7518, -92.5568



147.2140, 35.3905, -58.0697



157.9030, 30.6138, -19.2089

Triad

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



147.2140, 35.3905, -58.0697



161.3810, -7.5828, 52.2859



151.3140, -19.8748, -18.6924

Complementary

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



147.2140, 35.3905, -58.0697



152.7860, -35.3905, 58.0697

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.



155.0850, -29.1289, 9.5725



147.2140, 35.3905, -58.0697



159.8030, -21.1019, 48.4078

Square

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



147.2140, 35.3905, -58.0697



162.9140, 7.4374, 41.2944



158.1140, -29.6362, 32.3490



144.8940, -2.9057, -48.1420

Rectangle

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



147.2140, 35.3905, -58.0697



161.5640, 24.8649, 4.7674



158.1140, -29.6362, 32.3490



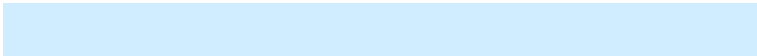
152.6420, -23.9805, -8.4560

Sweetspot

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



147.2140, 35.3905, -58.0697



230.0820, 12.2846, -20.2429



167.8200, -17.6593, -76.1411



111.9860, 7.8949, -12.2657



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.



147.2140, 35.3905, -58.0697



154.1430, 49.7225, -81.6864



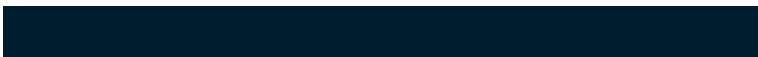
107.2980, 55.0691, -23.0633



104.3630, 2.7790, -4.7034



83.1180, 44.3118, -72.8945



22.2670, 11.7004, -19.5282

Inverse Universe

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



132.0660, 17.2225, 76.2411



132.8000, 24.2556, 107.1694



192.7020, -55.0691, 23.0633



103.0870, 1.4361, 6.0627



64.0390, 21.6728, 95.5588



17.0600, 5.8864, 25.3804

Previews

White Background



This preview shows how the YUV color 147.2140, 35.3905, -58.0697 looks on a white background.

Color Contrast Check

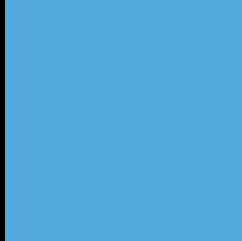
Large Text (above 18pt) WCAG AA × Fail

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 147.2140, 35.3905, -58.0697 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

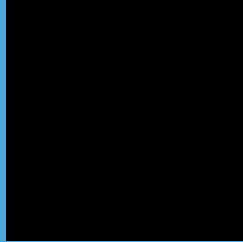
Any Text WCAG AA ✓ Pass

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 147.2140, 35.3905, -58.0697 Background



This preview shows how black text looks on a background with the YUV color 147.2140, 35.3905, -58.0697.

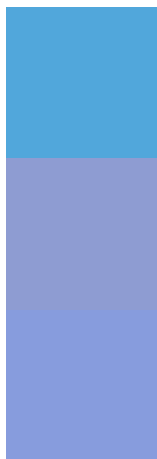


This preview shows how white text looks on a background with the YUV color 147.2140, 35.3905, -58.0697.

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

147.2140, 35.3905, -58.0697

Protanopia

157.9700, 25.6508, -14.0057

Deuteranopia

157.1310, 31.4874, -19.4089



Tritanopia

142.3040, 22.0351, -67.7956

Trichromacy



Original Color

147.2140, 35.3905, -58.0697

Protanomaly

154.0820, 29.0466, -29.8899

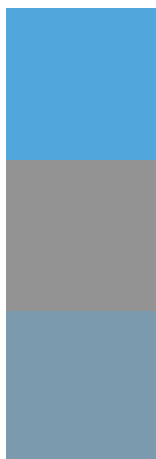
Deuteranomaly

153.3850, 32.8412, -33.6636

Tritanomaly

144.2920, 26.9710, -64.2771

Monochromacy



Original Color

147.2140, 35.3905, -58.0697

Achromatopsia

147.0000, 0.0000, 0.0000

Achromatomaly

146.8970, 12.8688, -20.9577

CSS Examples

Text

The CSS property to change the color of the text to YUV 147.2140, 35.3905, -58.0697 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(81, 167, 219)` looks like.

```
.text, #text, p{  
    color:rgb(81, 167, 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(81, 167, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(81, 167, 219) }
```

Border

The CSS property to change the border of an element to YUV 147.2140, 35.3905, -58.0697 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(81, 167, 219) }
```


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

```
.border{ border-color:rgb(81, 167, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(81, 167, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(81, 167, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(81, 167, 219);  
box-shadow:4px 4px 4px 4px rgb(81, 167,  
219) }
```

Background

The CSS property to change the background color of an element to YUV 147.2140, 35.3905, -58.0697 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(81, 167, 219) }
```

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

```
.background{ background-color: rgb(81, 167,  
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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