

Converting Colors

YUV(182.2340, 34.8876,
-83.5202)

Have a look what the booklet for
YUV(182.2340, 34.8876, -83.5202)
contains.

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Color

**YUV(182.2340, 34.8876,
-83.5202)**

Conversions

Conversions Part 1

Format	Color
Hex	57D9FD
RGB	87, 217, 253
RGB Percent	34%, 85%, 99%
CMY	0.6588, 0.1490, 0.0078
CMYK	0.66, 0.14, 0.00, 0.01
HSL	193°, 98%, 67%
HSV	193°, 66%, 99%
XYZ	46.4730, 58.7438, 101.8178
YIQ	182.2340, -89.0360, -16.3640

Conversions

Conversions Part 2

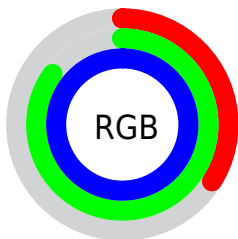
Format	Color
R _Y B	87, 160, 253
Decimal	5757437
CIE Lab	81.15, -24.85, -28.08
CIE LCh	81, 37.493, 228.490
Yxy	58.7438, 0.2245, 0.2837
Android (android.graphics.Color)	4283947517 (0xFF57D9FD)
YUV	182.2340, 34.8876, -83.5202
Hunter-Lab	76.6445, -25.8954, -25.1122

Details

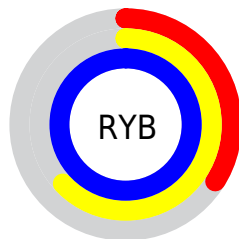
The YUV color **182.2340, 34.8876, -83.5202** is a light color, and the websafe version is hex **33CCFF**. The color can be described as light muted cyan. A complement of this color would be **157.7660, -34.8876, 83.5202**, and the grayscale version is **182.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **224.5020, 15.0355, -62.7073**, and **117.4380, 38.7311, -102.9931** is the 20% darker color. If you saturate the color by 10%, you get **171.8240, 40.0198, -96.3156**, and if you desaturate by 10%, it is **192.6440, 29.7555, -70.7248**.

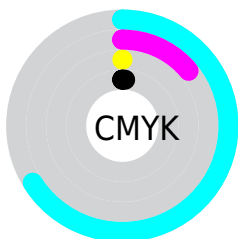
Distribution



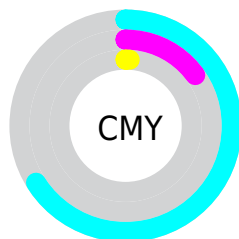
- Red (34%)
- Green (85%)
- Blue (99%)



- Red (34%)
- Yellow (63%)
- Blue (99%)



- Cyan (66%)
- Magenta (14%)
- Yellow (0%)
- Black (1%)



- Cyan (66%)
- Magenta (15%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the YUV color 182.2340, 34.8876, -83.5202 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 182.2340, 34.8876, -83.5202 by changing the saturation by 10% instead.

182.2340, 34.8876,
-83.5202

182.2340, 34.8876,
-83.5202

255.0000, 0.0000,
0.0000

150.2330, 36.3671,
-91.4123

224.5020, 15.0355,
-62.7073

117.4380, 38.7311,
-102.9931

233.7710, 10.4659,
-43.6492

98.5110, 34.7511,
-86.3941

243.0400, 5.8963,
-24.5911

80.7580, 30.1923,
-70.8248

252.3090, 1.3267,
-5.5330

63.2330, 26.5071,
-55.4553

46.8820, 22.2432,
-41.1155

31.2320, 18.1266,

-27.3905

■ 11.7010, 16.9094,
-10.2618

■ 3.4370, 10.6306,
-3.0142

■ 182.2340, 34.8876,
-83.5202

■ 182.2340, 34.8876,
-83.5202

■ 171.8240, 40.0198,
-96.3156

■ 192.6440, 29.7555,
-70.7248

■ 160.5280, 45.5887,
-109.2111

■ 203.9400, 24.1866,
-57.8294

■ 150.1180, 50.7208,
-122.0065

■ 214.3500, 19.0545,
-45.0339

■ 145.0680, 53.2105,
-127.2246

■ 225.3470, 13.6329,
-32.7533

■ 236.0560, 8.3534,
-19.3431

■ 247.0530, 2.9319,
-7.0625

254.7720, -0.8736,
0.2000

Harmonies

Analogous

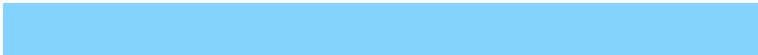
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



180.5640, 20.9209, -83.8096



182.2340, 34.8876, -83.5202



191.5200, 31.2956, -51.3220

Triad

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



182.2340, 34.8876, -83.5202



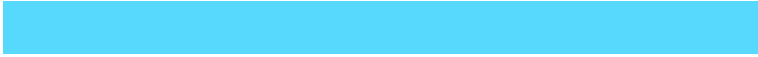
204.2950, 6.2636, 44.4683



197.1940, -31.1546, 5.9689

Complementary

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



182.2340, 34.8876, -83.5202



157.7660, -34.8876, 83.5202

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.



200.7890, -33.4200, 32.6340



182.2340, 34.8876, -83.5202



200.1910, -9.4612, 48.0675

Square

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



182.2340, 34.8876, -83.5202



206.5340, 20.4427, 23.2107



200.7660, -25.0276, 47.5632



192.7970, -19.1269, -25.2550

Rectangle

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



182.2340, 34.8876, -83.5202



198.1750, 28.0147, -25.5865



200.7660, -25.0276, 47.5632



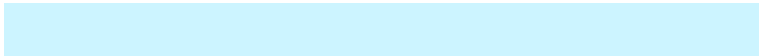
198.7930, -32.9289, 15.0905

Sweetspot

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



182.2340, 34.8876, -83.5202



233.2940, 10.7011, -25.6908



188.5460, -32.3142, -89.0558



114.6220, 6.5954, -15.4545



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.



182.2340, 34.8876, -83.5202



169.0730, 42.3620, -100.9190



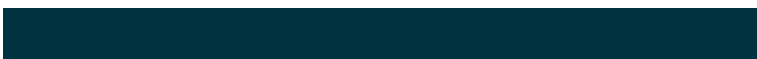
133.5130, 58.9071, -40.7919



122.3520, 2.7845, -6.4477



109.8240, 40.0198, -96.3156



36.6460, 13.4855, -32.1385

Inverse Universe

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



151.4540, 32.3142, 89.0558



131.9970, 38.9485, 107.8736



206.4870, -58.9071, 40.7919



120.0270, 2.4517, 6.9923



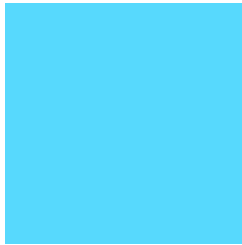
74.2090, 37.3650, 102.4257



24.8360, 12.4059, 34.3468

Previews

White Background



This preview shows how the YUV color 182.2340, 34.8876, -83.5202 looks on a white background.

Color Contrast Check

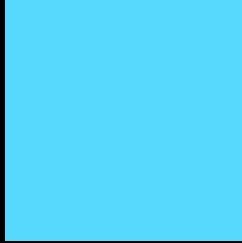
Large Text (above 18pt) WCAG AA × Fail

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 182.2340, 34.8876, -83.5202 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 182.2340, 34.8876, -83.5202

Background



This preview shows how black text looks on a background with the YUV color 182.2340, 34.8876, -83.5202.



This preview shows how white text looks on a background with the YUV color 182.2340, 34.8876, -83.5202.

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

182.2340, 34.8876, -83.5202

Protanopia

200.6950, 19.3774, -8.5025

Deuteranopia

201.5190, 26.3661, -10.1022



Tritanopia

179.7790, 28.2100, -88.3832

Trichromacy



Original Color

182.2340, 34.8876, -83.5202

Protanomaly

194.0120, 25.1371, -35.9675

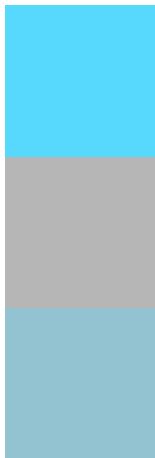
Deuteranomaly

194.4510, 29.3577, -36.3525

Tritanomaly

180.7730, 30.6779, -86.6239

Monochromacy



Original Color

182.2340, 34.8876, -83.5202

Achromatopsia

182.0000, 0.0000, 0.0000

Achromatomaly

182.1300, 12.7539, -30.8090

CSS Examples

Text

The CSS property to change the color of the text to YUV 182.2340, 34.8876, -83.5202 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(87, 217, 253)` looks like.

```
.text, #text, p{  
    color:rgb(87, 217, 253)  
}
```

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(87, 217, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(87, 217, 253) }
```

Border

The CSS property to change the border of an element to YUV 182.2340, 34.8876, -83.5202 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(87, 217, 253) }
```


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

```
.border{ border-color:rgb(87, 217, 253) }
```

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

Here you see how a box with a 4 pixel `rgb(87, 217, 253)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(87, 217, 253); -webkit-box-  
shadow:4px 4px 4px 4px rgb(87, 217, 253);  
box-shadow:4px 4px 4px 4px rgb(87, 217,  
253) }
```

Background

The CSS property to change the background color of an element to YUV 182.2340, 34.8876, -83.5202 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(87, 217, 253) }
```

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

```
.background{ background-color: rgb(87, 217,  
253) }
```

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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