

Converting Colors

YUV(175.2700, 33.8839,
-41.4558)

Have a look what the booklet for
YUV(175.2700, 33.8839, -41.4558)
contains.

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Color

**YUV(175.2700, 33.8839,
-41.4558)**

Conversions

Conversions Part 1

Format	Color
Hex	80BAF4
RGB	128, 186, 244
RGB Percent	50%, 73%, 96%
CMY	0.4980, 0.2706, 0.0431
CMYK	0.48, 0.24, 0.00, 0.04
HSL	210°, 84%, 73%
HSV	210°, 48%, 96%
XYZ	42.7901, 46.2387, 92.2576
YIQ	175.2700, -53.1860, 5.7420

Conversions

Conversions Part 2

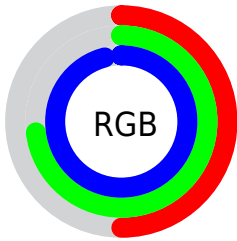
Format	Color
R _Y B	128, 167, 244
Decimal	8436468
CIE Lab	73.70, -3.43, -34.60
CIE LCh	74, 34.767, 264.343
Yxy	46.2387, 0.2360, 0.2551
Android (android.graphics.Color)	4286626548 (0xFF80BAF4)
YUV	175.2700, 33.8839, -41.4558
Hunter-Lab	67.9990, -6.6726, -32.8424

Details

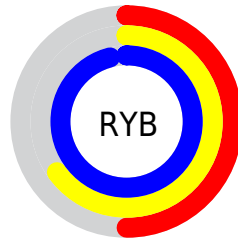
The YUV color **175.2700, 33.8839, -41.4558** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **196.7300, -33.8839, 41.4558**, and the grayscale version is **175.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **226.7380, 13.9332, -35.7272**, and **120.4330, 33.3105, -44.2297** is the 20% darker color. If you saturate the color by 10%, you get **161.0500, 40.8944, -50.0328**, and if you desaturate by 10%, it is **189.4900, 26.8734, -32.8787**.

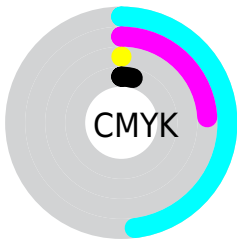
Distribution



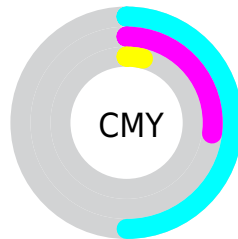
- Red (50%)
- Green (73%)
- Blue (96%)



- Red (50%)
- Yellow (65%)
- Blue (96%)



- Cyan (48%)
- Magenta (24%)
- Yellow (0%)
- Black (4%)



- Cyan (50%)
- Magenta (27%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the YUV color 175.2700, 33.8839, -41.4558 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 175.2700, 33.8839, -41.4558 by changing the saturation by 10% instead.

■ 175.2700, 33.8839,
-41.4558

■ 175.2700, 33.8839,
-41.4558

255.0000, 0.0000,
0.0000

■ 147.4440, 33.3051,
-42.4854

■ 226.7380, 13.9332,
-35.7272

■ 120.4330, 33.3105,
-44.2297

■ 243.0400, 5.8963,
-24.5911

■ 92.4000, 33.3268,
-49.4628

■ 252.0100, 1.4741,
-6.1478

■ 64.5840, 34.2221,
-56.6402

■ 48.1190, 29.5213,
-42.2004

■ 33.0560, 25.1154,
-28.9901

■ 17.9930, 20.7095,

-15.7799

■ 6.0930, 15.7302,
-5.3436

■ 2.2970, 6.2626,
-2.0145

■ 175.2700, 33.8839,
-41.4558

■ 175.2700, 33.8839,
-41.4558

■ 161.0500, 40.8944,
-50.0328

■ 189.4900, 26.8734,
-32.8787

■ 146.5310, 48.0522,
-59.2247

■ 204.0090, 19.7156,
-23.6869

■ 131.7240, 55.3521,
-67.2869

■ 218.8160, 12.4157,
-15.6246

■ 117.2050, 62.5099,
-76.4788

■ 233.3350, 5.2578,
-6.4328

■ 102.9850, 69.5204,
-85.0558

■ 247.5550, -1.7526,
2.1443

■ 99.4300, 71.2730,
-87.2001

■ 253.7460, -4.8048,
1.0998

Harmonies

Analogous

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



165.1430, 32.9605, -72.0394



175.2700, 33.8839, -41.4558



182.8940, 27.6603, -5.1690

Triad

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



175.2700, 33.8839, -41.4558



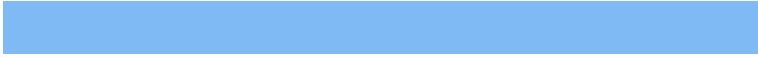
183.4860, -13.5506, 53.0708



171.7410, -14.1693, -28.7139

Complementary

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



175.2700, 33.8839, -41.4558



196.7300, -33.8839, 41.4558

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.



176.3010, -26.7704, -0.2640



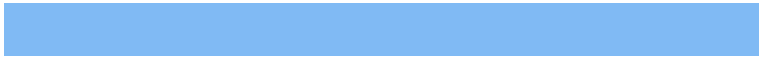
175.2700, 33.8839, -41.4558



181.9290, -25.6010, 44.7893

Square

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



175.2700, 33.8839, -41.4558



185.0520, 1.4534, 47.3124



179.8420, -30.4881, 25.5716



166.2610, 3.8153, -57.2339

Rectangle

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



175.2700, 33.8839, -41.4558



184.9030, 20.7538, 16.7481



179.8420, -30.4881, 25.5716



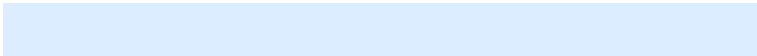
173.5420, -19.0012, -18.8923

Sweetspot

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



175.2700, 33.8839, -41.4558



233.6700, 10.5157, -12.8656



202.7040, -8.2351, -65.5154



114.9650, 6.4263, -7.8623



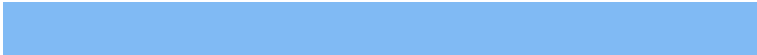
0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

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



175.2700, 33.8839, -41.4558



168.7940, 42.4996, -51.5623



141.2240, 50.6686, -11.5974



114.8900, 3.5052, -4.2885



75.7950, 54.3311, -66.4722



23.7490, 17.3787, -20.8279

Inverse Universe

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



169.2960, 8.2351, 65.5154



161.5630, 10.0754, 81.9442



230.7760, -50.6686, 11.5974



114.2720, 0.8519, 6.7775



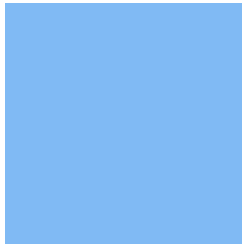
66.2160, 13.2045, 105.0506



20.9470, 3.9701, 33.3725

Previews

White Background



This preview shows how the YUV color 175.2700, 33.8839, -41.4558 looks on a white background.

Color Contrast Check

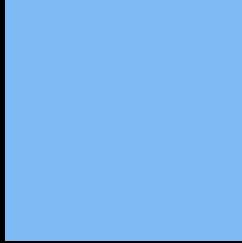
Large Text (above 18pt) WCAG AA × Fail

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 175.2700, 33.8839, -41.4558 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

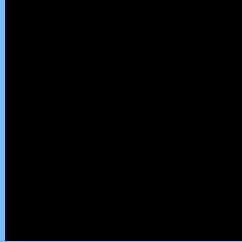
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

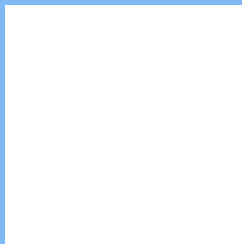
Any Text WCAG AAA ✓ Pass

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

YUV 175.2700, 33.8839, -41.4558 Background



This preview shows how black text looks on a background with the YUV color 175.2700, 33.8839, -41.4558.



This preview shows how white text looks on a background with the YUV color 175.2700, 33.8839, -41.4558.

-41.4558.

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

175.2700, 33.8839, -41.4558

Protanopia

180.6540, 28.2716, -14.6056

Deuteranopia

180.6690, 32.2082, -17.2497



Tritanopia

171.9860, 17.7549, -48.2227

Trichromacy



Original Color

175.2700, 33.8839, -41.4558

Protanomaly

178.7560, 30.1933, -24.3420

Deuteranomaly

178.7280, 32.6721, -26.0715

Tritanomaly

172.9030, 23.7118, -45.5189

Monochromacy



Original Color

175.2700, 33.8839, -41.4558

Achromatopsia

175.0000, 0.0000, 0.0000

Achromatomaly

175.1150, 12.2683, -15.0099

CSS Examples

Text

The CSS property to change the color of the text to YUV 175.2700, 33.8839, -41.4558 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(128, 186, 244)` looks like.

```
.text, #text, p{  
    color:rgb(128, 186, 244)  
}
```

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(128, 186, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 186, 244) }
```

Border

The CSS property to change the border of an element to YUV 175.2700, 33.8839, -41.4558 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(128, 186, 244) }
```


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

```
.border{ border-color:rgb(128, 186, 244) }
```

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

Here you see how a box with a 4 pixel `rgb(128, 186, 244)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(128, 186, 244); -webkit-box-shadow:4px 4px 4px 4px rgb(128, 186, 244); box-shadow:4px 4px 4px 4px rgb(128, 186, 244) }
```

Background

The CSS property to change the background color of an element to YUV 175.2700, 33.8839, -41.4558 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 186, 244) }
```

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

```
.background{ background-color: rgb(128,  
186, 244) }
```

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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