

Converting Colors

YUV(225.8680, 13.3761,
-43.7342)

Have a look what the booklet for
YUV(225.8680, 13.3761, -43.7342)
contains.

YUV(225.8680, 13.3761, -43.7342)	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(225.8680, 13.3761,
-43.7342)**

Conversions

Conversions Part 1

Format	Color
Hex	B0F6FD
RGB	176, 246, 253
RGB Percent	69%, 96%, 99%
CMY	0.3098, 0.0353, 0.0078
CMYK	0.30, 0.03, 0.00, 0.01
HSL	185°, 95%, 84%
HSV	185°, 30%, 99%
XYZ	68.5899, 82.2335, 105.1861
YIQ	225.8680, -43.9670, -12.6630

Conversions

Conversions Part 2

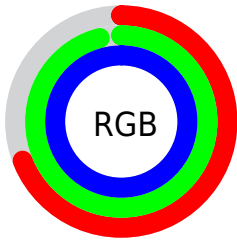
Format	Color
R _Y B	176, 213, 253
Decimal	11597565
CIE Lab	92.68, -19.96, -10.33
CIE LCh	93, 22.475, 207.376
Yxy	82.2335, 0.2679, 0.3212
Android (android.graphics.Color)	4289787645 (0xFFB0F6FD)
YUV	225.8680, 13.3761, -43.7342
Hunter-Lab	90.6827, -23.6822, -5.2947

Details

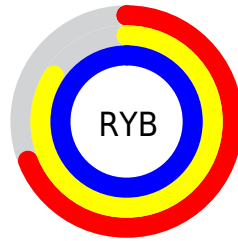
The YUV color **225.8680, 13.3761, -43.7342** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **203.1320, -13.3761, 43.7342**, and the grayscale version is **226.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **248.7210, 3.0955, -12.9103**, and **170.0530, 12.7919, -43.0195** is the 20% darker color. If you saturate the color by 10%, you get **217.2190, 17.6400, -58.0741**, and if you desaturate by 10%, it is **234.5170, 9.1121, -29.3944**.

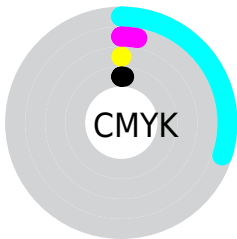
Distribution



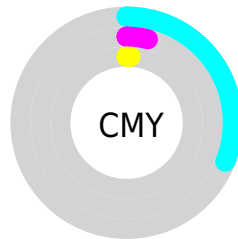
- Red (69%)
- Green (96%)
- Blue (99%)



- Red (69%)
- Yellow (84%)
- Blue (99%)



- Cyan (30%)
- Magenta (3%)
- Yellow (0%)
- Black (1%)



- Cyan (31%)
- Magenta (4%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the YUV color 225.8680, 13.3761, -43.7342 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 225.8680, 13.3761, -43.7342 by changing the saturation by 10% instead.

■ 225.8680, 13.3761,
-43.7342

■ 225.8680, 13.3761,
-43.7342

255.0000, 0.0000,
0.0000

■ 197.1670, 13.2287,
-43.1195

■ 248.7210, 3.0955,
-12.9103

■ 170.0530, 12.7919,
-43.0195

■ 142.1670, 13.2287,
-43.1195

■ 115.8680, 13.3761,
-43.7342

■ 89.5580, 13.5289,
-46.0934

■ 61.0840, 15.7346,
-53.5707

■ 44.2600, 12.1968,

-38.8160

■ 28.8380, 8.9539,
-25.2909

■ 13.5300, 6.1477,
-11.8658

■ 225.8680, 13.3761,
-43.7342

■ 225.8680, 13.3761,
-43.7342

■ 217.2190, 17.6400,
-58.0741

■ 234.5170, 9.1121,
-29.3944

■ 207.6840, 22.3408,
-72.5139

■ 244.0520, 4.4114,
-14.9546

■ 199.0350, 26.6047,
-86.8537

■ 252.7010, 0.1474,
-0.6148

■ 190.3860, 30.8687,
-101.1935

■ 254.7720, -0.8736,
0.2000

■ 181.4380, 35.2801,
-116.1481

■ 172.2020, 39.8334,
-129.9732

■ 163.8520, 43.9500,
-143.6982

Harmonies

Analogous

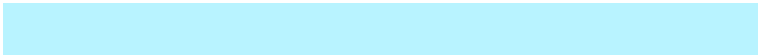
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



226.0510, 2.4399, -36.0017



225.8680, 13.3761, -43.7342



226.7270, 13.9386, -37.4716

Triad

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



225.8680, 13.3761, -43.7342



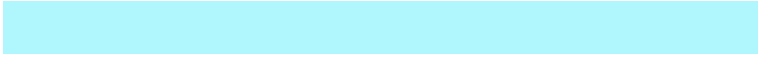
236.2160, 9.2605, 16.4736



233.6050, -21.0043, 17.0094

Complementary

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



225.8680, 13.3761, -43.7342



203.1320, -13.3761, 43.7342

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.



230.8920, -16.2158, 21.1427



225.8680, 13.3761, -43.7342



231.8160, 2.5557, 20.3324

Square

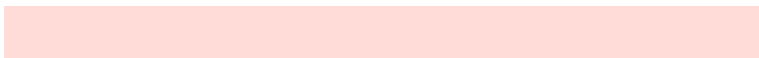
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



225.8680, 13.3761, -43.7342



234.0570, 10.3249, 1.7040



229.8950, -7.3432, 22.0171



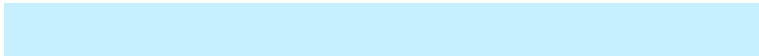
230.9940, -17.7450, -1.7487

Rectangle

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



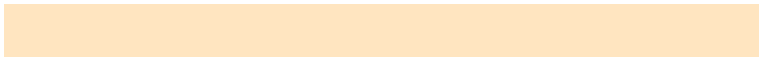
225.8680, 13.3761, -43.7342



228.5650, 13.0325, -26.8055



229.8950, -7.3432, 22.0171



232.5560, -19.9941, 19.6834

Sweetspot

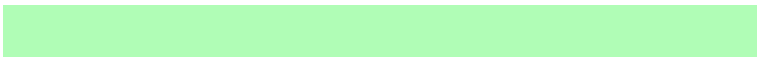
The Sweet Spot groups the original color and five complimentary colors.



225.8680, 13.3761, -43.7342



246.9490, 3.9691, -13.1103



221.8830, -19.6623, -40.2394



122.3410, 2.7899, -8.1921



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.



225.8680, 13.3761, -43.7342



221.6110, 16.4608, -53.1558



203.5620, 24.3729, -24.1719



122.9390, 2.4951, -6.9625



123.9120, 33.0744, -108.6708



41.3420, 11.1704, -36.2569

Inverse Universe

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



207.0030, 19.2255, 40.3394



198.7960, 23.2716, 49.2909



225.4380, -24.3729, 24.1719



120.1410, 2.8885, 6.8923



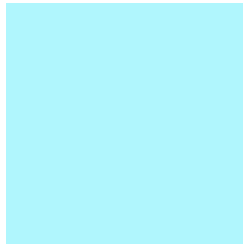
76.9450, 47.8481, 100.0262



25.7480, 15.9002, 33.5470

Previews

White Background



This preview shows how the YUV color 225.8680, 13.3761, -43.7342 looks on a white background.

Color Contrast Check

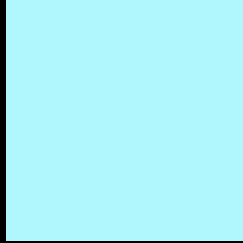
Large Text (above 18pt) WCAG AA × Fail

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 225.8680, 13.3761, -43.7342 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

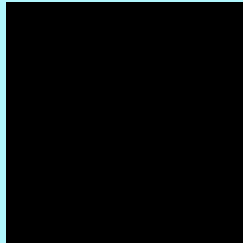
Any Text WCAG AA ✓ Pass

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 225.8680, 13.3761, -43.7342 Background



This preview shows how black text looks on a background with the YUV color 225.8680, 13.3761, -43.7342.



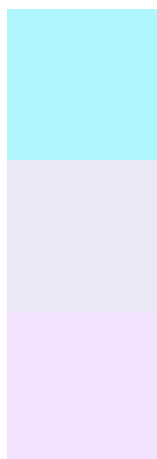
This preview shows how white text looks on a background with the YUV color 225.8680, 13.3761, -43.7342.

-43.7342.

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

225.8680, 13.3761, -43.7342

Protanopia

233.9660, 4.9468, 0.0298

Deuteranopia

235.2750, 9.7244, 7.6518



Tritanopia

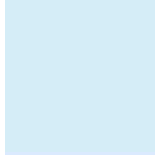
229.4400, 12.6011, -28.4499

Trichromacy



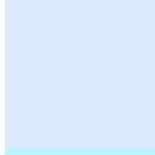
Original Color

225.8680, 13.3761, -43.7342



Protanomaly

230.9640, 7.9057, -15.7544



Deuteranomaly

231.7950, 10.9471, -11.2212



Tritanomaly

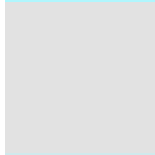
228.1080, 12.7648, -34.2977

Monochromacy



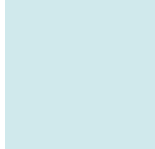
Original Color

225.8680, 13.3761, -43.7342



Achromatopsia

226.0000, 0.0000, 0.0000



Achromatomaly

225.8670, 4.9956, -15.6694

CSS Examples

Text

The CSS property to change the color of the text to YUV 225.8680, 13.3761, -43.7342 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(176, 246, 253)` looks like.

```
.text, #text, p{  
    color:rgb(176, 246, 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(176, 246, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 246, 253) }
```

Border

The CSS property to change the border of an element to YUV 225.8680, 13.3761, -43.7342 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(176, 246, 253) }
```


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

```
.border{ border-color:rgb(176, 246, 253) }
```

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

Here you see how a box with a 4 pixel rgb(176, 246, 253) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 246, 253); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 246, 253);  
box-shadow:4px 4px 4px 4px rgb(176, 246,  
253) }
```

Background

The CSS property to change the background color of an element to YUV 225.8680, 13.3761, -43.7342 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 246, 253) }
```

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

```
.background{ background-color: rgb(176,  
246, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor