

Converting Colors

YUV(171.6940, 13.9549,
-42.7046)

Have a look what the booklet for
YUV(171.6940, 13.9549, -42.7046)
contains.

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Color

**YUV(171.6940, 13.9549,
-42.7046)**

Conversions

Conversions Part 1

Format	Color
Hex	7BBFC8
RGB	123, 191, 200
RGB Percent	48%, 75%, 78%
CMY	0.5176, 0.2510, 0.2157
CMYK	0.38, 0.04, 0.00, 0.22
HSL	187°, 41%, 63%
HSV	187°, 38%, 78%
XYZ	37.2245, 45.6427, 61.4916
YIQ	171.6940, -43.4170, -11.6170

Conversions

Conversions Part 2

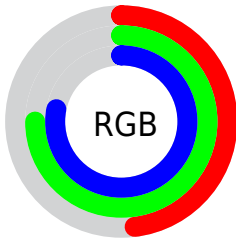
Format	Color
RYB	123, 159, 200
Decimal	8110024
CIELab	73.31, -19.15, -11.33
CIELCh	73, 22.250, 210.605
Yxy	45.6427, 0.2579, 0.3162
Android (android.graphics.Color)	4286300104 (0xFF7BBFC8)
YUV	171.6940, 13.9549, -42.7046
Hunter-Lab	67.5594, -19.8773, -6.6733

Details

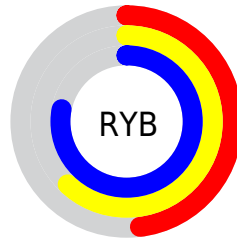
The YUV color $171.6940, 13.9549, -42.7046$ is a light color, and the websafe version is hex $99CCCC$. A complement of this color would be $151.3060, -13.9549, 42.7046$, and the grayscale version is $172.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $227.5800, 13.5181, -42.6047$, and $117.6940, 13.9549, -42.7046$ is the 20% darker color. If you saturate the color by 10%, you get $164.5400, 17.4818, -53.9706$, and if you desaturate by 10%, it is $178.8480, 10.4279, -31.4387$.

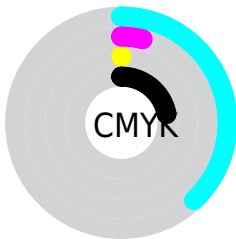
Distribution



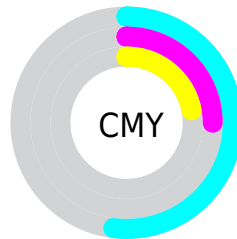
- Red (48%)
- Green (75%)
- Blue (78%)



- Red (48%)
- Yellow (62%)
- Blue (78%)



- Cyan (38%)
- Magenta (4%)
- Yellow (0%)
- Black (22%)



- Cyan (52%)
- Magenta (25%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the YUV color 171.6940, 13.9549, -42.7046 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 171.6940, 13.9549, -42.7046 by changing the saturation by 10% instead.

■ 171.6940, 13.9549,
-42.7046

■ 171.6940, 13.9549,
-42.7046

255.0000, 0.0000,
0.0000

■ 144.6940, 13.9549,
-42.7046

■ 227.5800, 13.5181,
-42.6047

■ 117.6940, 13.9549,
-42.7046

■ 240.6480, 7.0755,
-29.5093

■ 91.3840, 14.1077,
-45.0638

■ 249.3190, 2.8007,
-11.6808

■ 62.0130, 16.7556,
-54.3854

■ 45.7760, 12.9284,
-40.1456

■ 29.6530, 9.5381,
-26.0057

■ 15.6330, 6.5899,

-13.7101

■ 0.0000, 0.0000,
0.0000

■ 171.6940, 13.9549,
-42.7046

■ 171.6940, 13.9549,
-42.7046

■ 164.5400, 17.4818,
-53.9706

■ 178.8480, 10.4279,
-31.4387

■ 156.7990, 21.2981,
-64.7217

■ 186.5890, 6.6116,
-20.6876

■ 149.6450, 24.8250,
-75.9877

■ 193.7430, 3.0847,
-9.4216

■ 142.4910, 28.3519,
-87.2536

■ 200.8970, -0.4422,
1.8443

■ 134.7500, 32.1683,
-98.0048

■ 208.6380, -4.2585,
12.5955

■ 127.5960, 35.6952,
-109.2707

■ 215.7920, -7.7855,
23.8614

■ 126.6990, 36.1374,
-111.1150

■ 220.5540,
-10.1331, 30.2091

■ 222.3150,
-11.0013, 28.6647

■ 223.4890,
-11.5801, 27.6351

Harmonies

Analogous

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



172.3930, 3.7503, -36.3017



171.6940, 13.9549, -42.7046



174.6330, 19.9009, -36.5121

Triad

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



171.6940, 13.9549, -42.7046



183.8960, 7.9393, 20.2622



179.2240, -19.8304, 13.8356

Complementary

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



171.6940, 13.9549, -42.7046



151.3060, -13.9549, 42.7046

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.



180.8820, -17.6898, 27.2905



171.6940, 13.9549, -42.7046



183.7420, -1.8448, 31.7983

Square

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



171.6940, 13.9549, -42.7046



182.2510, 16.1453, 1.5339



182.6470, -11.1650, 34.5126



176.8520, -15.7030, -3.3782

Rectangle

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



171.6940, 13.9549, -42.7046



177.3400, 21.0314, -25.7312



182.6470, -11.1650, 34.5126



179.6700, -19.5573, 19.5834

Sweetspot

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



171.6940, 13.9549, -42.7046



243.3830, 5.7272, -16.9989



169.2250, -18.3519, -40.5393



120.8570, 3.5215, -9.5216



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.



171.6940, 13.9549, -42.7046



211.7990, 21.2981, -64.7217



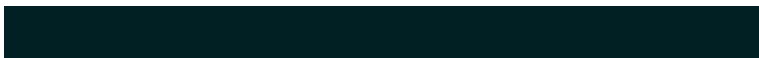
149.3880, 24.9517, -23.1423



95.7220, 1.6161, -5.0182



103.1100, 29.5258, -90.4275



22.8880, 6.4642, -20.0728

Inverse Universe

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



153.7750, 18.3519, 40.5393



184.7250, 27.7436, 61.6312



173.6120, -24.9517, 23.1423



93.6030, 2.1677, 4.7332



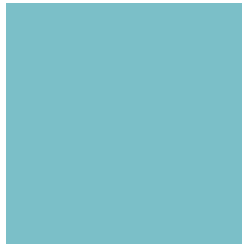
65.1530, 38.8716, 85.8118



14.4120, 8.6709, 18.9327

Previews

White Background



This preview shows how the YUV color 171.6940, 13.9549, -42.7046 looks on a white background.

Color Contrast Check

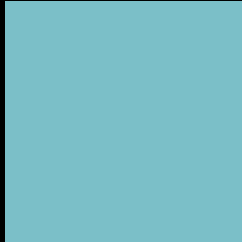
Large Text (above 18pt) WCAG AA × Fail

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 171.6940, 13.9549, -42.7046 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

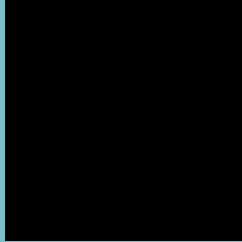
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 171.6940, 13.9549, -42.7046

Background



This preview shows how black text looks on a background with the YUV color 171.6940, 13.9549, -42.7046.

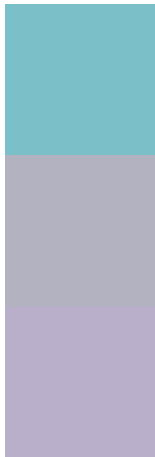


This preview shows how white text looks on a background with the YUV color 171.6940, 13.9549, -42.7046.

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

171.6940, 13.9549, -42.7046

Protanopia

179.8950, 5.9678, -0.7849

Deuteranopia

181.1820, 10.7563, 3.3484



Tritanopia

171.9760, 16.2808, -42.0750

Trichromacy



Original Color

171.6940, 13.9549, -42.7046

Protanomaly

177.1920, 8.7793, -15.9544

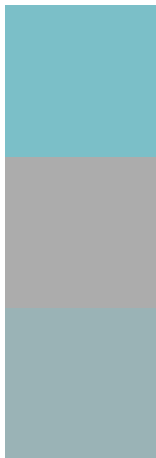
Deuteranomaly

177.7130, 11.9735, -13.7803

Tritanomaly

171.7480, 15.4072, -41.8750

Monochromacy



Original Color

171.6940, 13.9549, -42.7046

Achromatopsia

172.0000, 0.0000, 0.0000

Achromatomaly

171.8670, 4.9956, -15.6694

CSS Examples

Text

The CSS property to change the color of the text to YUV 171.6940, 13.9549, -42.7046 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(123, 191, 200)` looks like.

```
.text, #text, p{  
    color:rgb(123, 191, 200)  
}
```

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(123, 191, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(123, 191, 200) }
```

Border

The CSS property to change the border of an element to YUV 171.6940, 13.9549, -42.7046 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(123, 191, 200) }
```


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

```
.border{ border-color:rgb(123, 191, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(123, 191, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(123, 191, 200); -webkit-box-shadow:4px 4px 4px 4px rgb(123, 191, 200); box-shadow:4px 4px 4px 4px rgb(123, 191, 200) }
```

Background

The CSS property to change the background color of an element to YUV 171.6940, 13.9549, -42.7046 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(123, 191, 200) }
```

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

```
.background{ background-color: rgb(123,  
191, 200) }
```

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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