

Converting Colors

YUV(171.9000, 14.8393,
-46.3933)

Have a look what the booklet for
YUV(171.9000, 14.8393, -46.3933)
contains.

YUV(171.9000, 14.8393, -46.3933)	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(171.9000, 14.8393,
-46.3933)**

Conversions

Conversions Part 1

Format	Color
Hex	77C1CA
RGB	119, 193, 202
RGB Percent	47%, 76%, 79%
CMY	0.5333, 0.2431, 0.2078
CMYK	0.41, 0.04, 0.00, 0.21
HSL	187°, 44%, 63%
HSV	187°, 41%, 79%
XYZ	37.3384, 46.3261, 62.8510
YIQ	171.9000, -46.9930, -12.8890

Conversions

Conversions Part 2

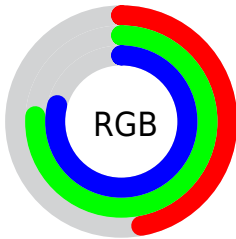
Format	Color
RYB	119, 158, 202
Decimal	7848394
CIELab	73.76, -20.69, -11.77
CIElCh	74, 23.805, 209.640
Yxy	46.3261, 0.2548, 0.3162
Android (android.graphics.Color)	4286038474 (0xFF77C1CA)
YUV	171.9000, 14.8393, -46.3933
Hunter-Lab	68.0633, -21.1887, -7.1053

Details

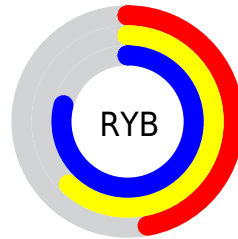
The YUV color **171.9000, 14.8393, -46.3933** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **149.1000, -14.8393, 46.3933**, and the grayscale version is **172.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **228.1450, 13.2395, -46.6082**, and **117.3020, 15.1341, -47.6229** is the 20% darker color. If you saturate the color by 10%, you get **164.7460, 18.3662, -57.6592**, and if you desaturate by 10%, it is **179.0540, 11.3124, -35.1274**.

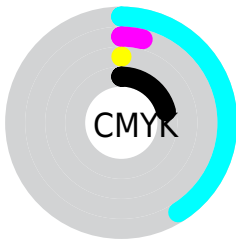
Distribution



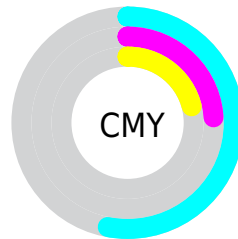
- Red (47%)
- Green (76%)
- Blue (79%)



- Red (47%)
- Yellow (62%)
- Blue (79%)



- Cyan (41%)
- Magenta (4%)
- Yellow (0%)
- Black (21%)



- Cyan (53%)
- Magenta (24%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the YUV color 171.9000, 14.8393, -46.3933 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 171.9000, 14.8393, -46.3933 by changing the saturation by 10% instead.

■ 171.9000, 14.8393,
-46.3933

■ 171.9000, 14.8393,
-46.3933

■ 255.0000, 0.0000,
0.0000

■ 144.6010, 14.9867,
-47.0081

■ 228.1450, 13.2395,
-46.6082

■ 117.3020, 15.1341,
-47.6229

■ 239.7510, 7.5178,
-31.3536

■ 90.3940, 15.5818,
-51.2115

■ 248.4220, 3.2430,
-13.5251

■ 63.3010, 16.6136,
-55.5150

■ 46.5910, 13.5126,
-40.8603

■ 31.0550, 9.8329,
-27.2352

■ 16.9210, 6.4479,

-14.8397

■ 0.2280, 0.8736,
-0.2000

■ 0.0000, 0.0000,
0.0000

■ 171.9000, 14.8393,
-46.3933

■ 171.9000, 14.8393,
-46.3933

■ 164.7460, 18.3662,
-57.6592

■ 179.0540, 11.3124,
-35.1274

■ 157.5920, 21.8931,
-68.9252

■ 186.2080, 7.7855,
-23.8614

■ 149.5520, 25.8569,
-80.2911

■ 194.2480, 3.8217,
-12.4955

■ 142.3980, 29.3838,
-91.5570

■ 201.4020, 0.2948,
-1.2296

■ 135.2440, 32.9107,
-102.8230

■ 208.5560, -3.2321,
10.0364

■ 128.6880, 36.1428,
-112.8594

■ 215.7100, -6.7590,
21.3023

■ 221.3690, -9.5489,
29.4944

■ 223.1300,
-10.4171, 27.9500

■ 224.3040,
-10.9959, 26.9204

Harmonies

Analogous

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



172.6700, 3.6137, -39.1756



171.9000, 14.8393, -46.3933



174.3660, 21.5116, -39.7860

Triad

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



171.9000, 14.8393, -46.3933



184.9500, 9.3917, 21.0919



180.5940, -20.9988, 15.2651

Complementary

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



171.9000, 14.8393, -46.3933



149.1000, -14.8393, 46.3933

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.



181.9640, -18.7163, 29.8496



171.9000, 14.8393, -46.3933



185.1660, -1.5608, 34.0574

Square

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



171.9000, 14.8393, -46.3933



183.5930, 17.4557, 1.2339



183.9570, -11.3178, 36.8717



177.5100, -17.0134, -3.0783

Rectangle

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



171.9000, 14.8393, -46.3933



178.0730, 22.6420, -29.0050



183.9570, -11.3178, 36.8717



181.0400, -20.7257, 21.0129

Sweetspot

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



171.9000, 14.8393, -46.3933



243.9700, 5.4378, -17.5137



168.6330, -20.5251, -43.5281



121.4440, 3.2321, -10.0364



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.



171.9000, 14.8393, -46.3933



209.4070, 22.4773, -69.6399



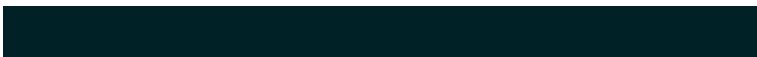
147.8330, 26.7043, -25.2865



98.4230, 1.7635, -5.6330



105.8000, 29.6786, -92.7866



24.2900, 6.7590, -21.3023

Inverse Universe

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



152.2530, 20.0883, 43.6281



180.0290, 30.0587, 65.7496



173.1670, -26.7043, 25.2865



96.0160, 2.4571, 5.2480



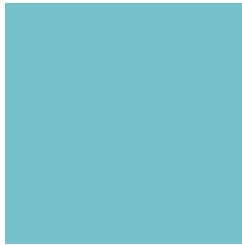
66.5060, 40.1765, 87.2562



15.2380, 9.2497, 19.9623

Previews

White Background



This preview shows how the YUV color 171.9000, 14.8393, -46.3933 looks on a white background.

Color Contrast Check

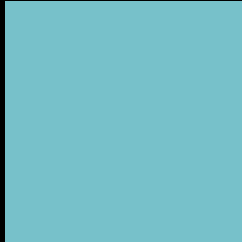
Large Text (above 18pt) WCAG AA × Fail

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 171.9000, 14.8393, -46.3933 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

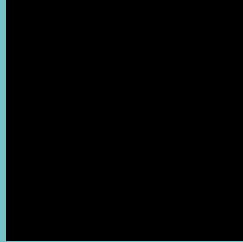
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 171.9000, 14.8393, -46.3933

Background



This preview shows how black text looks on a background with the YUV color 171.9000, 14.8393, -46.3933.



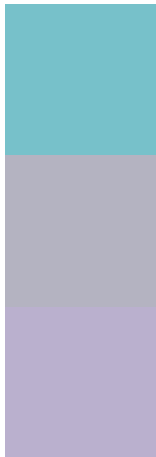
This preview shows how white text looks on a background with the YUV color 171.9000, 14.8393, -46.3933.

-46.3933.

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

171.9000, 14.8393, -46.3933

Protanopia

180.8950, 5.9678, -0.7849

Deuteranopia

182.4100, 11.6299, 3.1484



Tritanopia

172.5950, 17.4547, -45.2488

Trichromacy



Original Color

171.9000, 14.8393, -46.3933

Protanomaly

177.5940, 9.0742, -17.1839

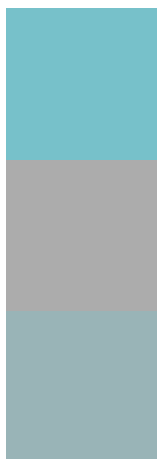
Deuteranomaly

178.6420, 12.9945, -14.5950

Tritanomaly

172.0680, 16.7285, -45.6636

Monochromacy



Original Color

171.9000, 14.8393, -46.3933

Achromatopsia

172.0000, 0.0000, 0.0000

Achromatomaly

172.2690, 5.2904, -16.8989

CSS Examples

Text

The CSS property to change the color of the text to YUV 171.9000, 14.8393, -46.3933 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(119, 193, 202)` looks like.

```
.text, #text, p{  
    color:rgb(119, 193, 202)  
}
```

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(119, 193, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 193, 202) }
```

Border

The CSS property to change the border of an element to YUV 171.9000, 14.8393, -46.3933 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(119, 193, 202) }
```


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

```
.border{ border-color:rgb(119, 193, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(119, 193, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(119, 193, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(119, 193, 202);  
box-shadow:4px 4px 4px 4px rgb(119, 193,  
202) }
```

Background

The CSS property to change the background color of an element to YUV 171.9000, 14.8393, -46.3933 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 193, 202) }
```

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

```
.background{ background-color: rgb(119,  
193, 202) }
```

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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