

Converting Colors

YUV(171.9970, 17.7495,
-46.4784)

Have a look what the booklet for
YUV(171.9970, 17.7495, -46.4784)
contains.

YUV(171.9970, 17.7495, -46.4784)	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(171.9970, 17.7495,
-46.4784)**

Conversions

Conversions Part 1

Format	Color
Hex	77C0D0
RGB	119, 192, 208
RGB Percent	47%, 75%, 82%
CMY	0.5333, 0.2471, 0.1843
CMYK	0.43, 0.08, 0.00, 0.18
HSL	191°, 49%, 64%
HSV	191°, 43%, 82%
XYZ	37.8426, 46.1753, 66.5927
YIQ	171.9970, -48.6440, -10.5000

Conversions

Conversions Part 2

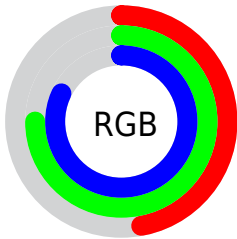
Format	Color
RYB	119, 159, 208
Decimal	7848144
CIELab	73.66, -18.63, -15.18
CIELCh	74, 24.032, 219.179
Yxy	46.1753, 0.2513, 0.3066
Android (android.graphics.Color)	4286038224 (0xFF77C0D0)
YUV	171.9970, 17.7495, -46.4784
Hunter-Lab	67.9524, -19.5104, -10.5370

Details

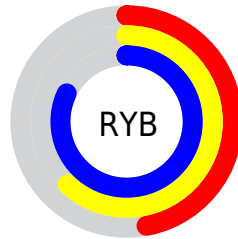
The YUV color **171.9970, 17.7495, -46.4784** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **155.0030, -17.7495, 46.4784**, and the grayscale version is **172.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **227.5580, 13.5289, -46.0934**, and **117.3990, 18.0443, -47.7079** is the 20% darker color. If you saturate the color by 10%, you get **163.3700, 22.0026, -57.3295**, and if you desaturate by 10%, it is **180.6240, 13.4964, -35.6272**.

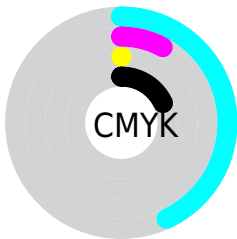
Distribution



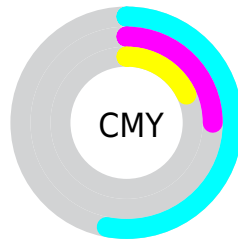
- Red (47%)
- Green (75%)
- Blue (82%)



- Red (47%)
- Yellow (62%)
- Blue (82%)



- Cyan (43%)
- Magenta (8%)
- Yellow (0%)
- Black (18%)



- Cyan (53%)
- Magenta (25%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the YUV color 171.9970, 17.7495, -46.4784 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 171.9970, 17.7495, -46.4784 by changing the saturation by 10% instead.

■ 171.9970, 17.7495,
-46.4784

■ 171.9970, 17.7495,
-46.4784

255.0000, 0.0000,
0.0000

■ 144.5840, 17.4601,
-46.9932

■ 227.5580, 13.5289,
-46.0934

■ 117.3990, 18.0443,
-47.7079

■ 239.7510, 7.5178,
-31.3536

■ 90.1920, 18.6393,
-51.9114

■ 248.4220, 3.2430,
-13.5251

■ 63.3980, 19.5238,
-55.6000

■ 47.1610, 15.6966,
-41.3602

■ 31.0380, 12.3063,
-27.2203

■ 16.7900, 8.4845,

-14.7248

■ 1.1400, 4.3680,
-0.9998

■ 0.0000, 0.0000,
0.0000

■ 171.9970, 17.7495,
-46.4784

■ 171.9970, 17.7495,
-46.4784

■ 163.3700, 22.0026,
-57.3295

■ 180.6240, 13.4964,
-35.6272

■ 155.3300, 25.9663,
-68.6954

■ 188.6640, 9.5326,
-24.2613

■ 147.0020, 30.0720,
-78.9318

■ 196.9920, 5.4269,
-14.0250

■ 138.3750, 34.3251,
-89.7829

■ 205.6190, 1.1738,
-3.1739

■ 129.7480, 38.5782,
-100.6340

■ 214.2460, -3.0793,
7.6773

■ 124.0890, 41.3681,
-108.8261

■ 222.2860, -7.0430,
19.0432

■ 227.9230, -9.8220,
23.7465

■ 230.2710,
-10.9796, 21.6873

■ 232.6190,
-12.1372, 19.6281

Harmonies

Analogous

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



171.9730, 7.4083, -42.9493



171.9970, 17.7495, -46.4784



175.4420, 22.9531, -35.4676

Triad

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



171.9970, 17.7495, -46.4784



184.7720, 6.0284, 26.5100



179.5610, -20.9826, 10.0320

Complementary

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



171.9970, 17.7495, -46.4784



155.0030, -17.7495, 46.4784

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.



181.1870, -20.3052, 26.1460



171.9970, 17.7495, -46.4784



184.3790, -4.6238, 36.5016

Square

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



171.9970, 17.7495, -46.4784



183.7680, 15.3974, 8.0965



183.1480, -14.3700, 35.8272



176.6340, -15.1026, -9.3260

Rectangle

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



171.9970, 17.7495, -46.4784



179.1170, 22.6203, -22.0276



183.1480, -14.3700, 35.8272



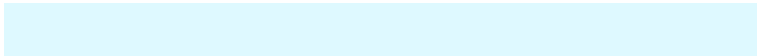
179.8930, -21.1462, 15.8798

Sweetspot

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



171.9970, 17.7495, -46.4784



241.6110, 6.6008, -17.1988



172.9530, -19.2038, -47.3168



119.3730, 4.2531, -10.8511



0.0000, 0.0000, 0.0000



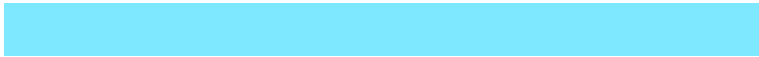
128.0000, 0.0000, 0.0000

Same Dimension

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



171.9970, 17.7495, -46.4784



202.6290, 25.8189, -68.0806



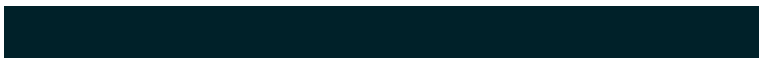
146.7560, 30.1933, -24.3420



100.5370, 2.2003, -5.7329



100.1580, 33.4461, -87.8386



24.0450, 8.3588, -21.0875

Inverse Universe

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



153.9330, 18.7670, 47.4168



176.0680, 27.5745, 69.2234



180.2440, -30.1933, 24.3420



98.3150, 2.3097, 5.8627



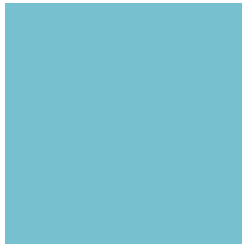
65.9640, 35.5137, 89.4856



16.0210, 8.3706, 21.9066

Previews

White Background



This preview shows how the YUV color 171.9970, 17.7495, -46.4784 looks on a white background.

Color Contrast Check

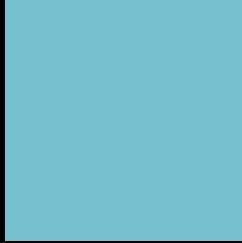
Large Text (above 18pt) WCAG AA × Fail

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 171.9970, 17.7495, -46.4784 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

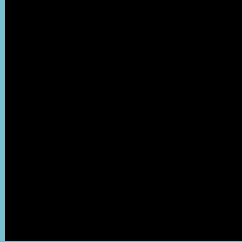
Any Text WCAG AA ✓ Pass

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 171.9970, 17.7495, -46.4784 Background



This preview shows how black text looks on a background with the YUV color 171.9970, 17.7495, -46.4784.



This preview shows how white text looks on a background with the YUV color 171.9970, 17.7495, -46.4784.

-46.4784.

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

171.9970, 17.7495, -46.4784

Protanopia

181.0950, 9.3202, -2.7143

Deuteranopia

181.7840, 14.4035, 0.1894



Tritanopia

171.9970, 17.7495, -46.4784

Trichromacy



Original Color

171.9970, 17.7495, -46.4784

Protanomaly

178.0930, 12.2792, -18.4986

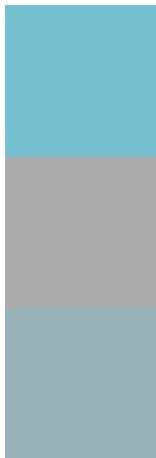
Deuteranomaly

178.3150, 15.6207, -16.9393

Tritanomaly

171.9970, 17.7495, -46.4784

Monochromacy



Original Color

171.9970, 17.7495, -46.4784

Achromatopsia

172.0000, 0.0000, 0.0000

Achromatomaly

171.9100, 6.4534, -16.5841

CSS Examples

Text

The CSS property to change the color of the text to YUV 171.9970, 17.7495, -46.4784 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, 192, 208)` looks like.

```
.text, #text, p{  
    color:rgb(119, 192, 208)  
}
```

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, 192, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 192, 208) }
```

Border

The CSS property to change the border of an element to YUV 171.9970, 17.7495, -46.4784 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, 192, 208) }
```


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

```
.border{ border-color:rgb(119, 192, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(119, 192, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(119, 192, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(119, 192, 208);  
box-shadow:4px 4px 4px 4px rgb(119, 192,  
208) }
```

Background

The CSS property to change the background color of an element to YUV 171.9970, 17.7495, -46.4784 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 192, 208) }
```

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

```
.background{ background-color: rgb(119,  
192, 208) }
```

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