

Converting Colors

YUV(185.9970, 17.7495,
-46.4784)

Have a look what the booklet for
YUV(185.9970, 17.7495, -46.4784)
contains.

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Color

**YUV(185.9970, 17.7495,
-46.4784)**

Conversions

Conversions Part 1

Format	Color
Hex	85CEDE
RGB	133, 206, 222
RGB Percent	52%, 81%, 87%
CMY	0.4784, 0.1922, 0.1294
CMYK	0.40, 0.07, 0.00, 0.13
HSL	191°, 57%, 70%
HSV	191°, 40%, 87%
XYZ	44.9290, 54.4031, 77.2401
YIQ	185.9970, -48.6440, -10.5000

Conversions

Conversions Part 2

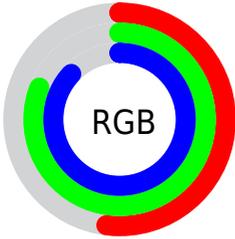
Format	Color
R _{YB}	133, 173, 222
Decimal	8769246
CIE _{Lab}	78.70, -18.68, -15.10
CIE _{LCh}	79, 24.021, 218.953
Yxy	54.4031, 0.2545, 0.3081
Android (android.graphics.Color)	4286959326 (0xFF85CEDE)
YUV	185.9970, 17.7495, -46.4784
Hunter-Lab	73.7584, -20.3464, -10.4578

Details

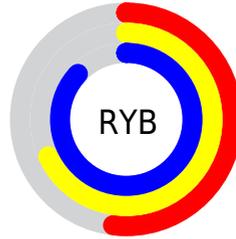
The YUV color **185.9970, 17.7495, -46.4784** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **169.0030, -17.7495, 46.4784**, and the grayscale version is **186.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **235.5650, 9.5815, -39.9605**, and **131.2850, 17.6075, -47.6079** is the 20% darker color. If you saturate the color by 10%, you get **177.0710, 22.1500, -57.9443**, and if you desaturate by 10%, it is **194.9230, 13.3490, -35.0125**.

Distribution



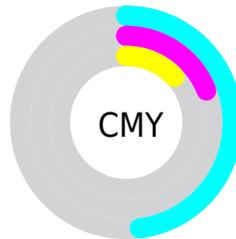
- Red (52%)
- Green (81%)
- Blue (87%)



- Red (52%)
- Yellow (68%)
- Blue (87%)



- Cyan (40%)
- Magenta (7%)
- Yellow (0%)
- Black (13%)



- Cyan (48%)
- Magenta (19%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the YUV color 185.9970, 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 185.9970, 17.7495, -46.4784 by changing the saturation by 10% instead.

■ 185.9970, 17.7495,
-46.4784

■ 185.9970, 17.7495,
-46.4784

255.0000, 0.0000,
0.0000

■ 157.9970, 17.7495,
-46.4784

■ 235.5650, 9.5815,
-39.9605

■ 131.2850, 17.6075,
-47.6079

■ 243.9370, 5.4541,
-22.7467

■ 104.3880, 18.0497,
-49.4523

■ 252.9070, 1.0318,
-4.3034

■ 73.9030, 20.2608,
-58.6739

■ 54.8720, 17.3181,
-48.1227

■ 38.7490, 13.9277,
-33.9829

■ 23.9140, 10.3954,

-20.9726

■ 3.4370, 10.6306,
-3.0142

■ 0.0000, 0.0000,
0.0000

■ 185.9970, 17.7495,
-46.4784

■ 185.9970, 17.7495,
-46.4784

■ 177.0710, 22.1500,
-57.9443

■ 194.9230, 13.3490,
-35.0125

■ 168.1450, 26.5505,
-69.4102

■ 203.8490, 8.9484,
-23.5466

■ 158.9200, 31.0984,
-81.4908

■ 213.0740, 4.4005,
-11.4659

■ 149.9940, 35.4990,
-92.9567

■ 222.0000, 0.0000,
0.0000

■ 141.0680, 39.8995,
-104.4226

■ 230.9260, -4.4005,
11.4659

■ 132.1420, 44.3000,
-115.8885

■ 236.5630, -7.1796,
16.1692

■ 238.9110, -8.3371,
14.1101

■ 241.2590, -9.4947,
12.0509

■ 243.6070,
-10.6523, 9.9917

Harmonies

Analogous

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



185.6740, 7.5557, -43.5641



185.9970, 17.7495, -46.4784



189.4420, 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.



185.9970, 17.7495, -46.4784



198.7720, 6.0284, 26.5100



192.9740, -20.6932, 10.5468

Complementary

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



185.9970, 17.7495, -46.4784



169.0030, -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.



195.4860, -20.4526, 26.7608



185.9970, 17.7495, -46.4784



198.3790, -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.



185.9970, 17.7495, -46.4784



197.8820, 15.8342, 7.9965



197.4470, -14.5174, 36.4420



190.6340, -15.1026, -9.3260

Rectangle

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



185.9970, 17.7495, -46.4784



192.8180, 22.7677, -22.6424



197.4470, -14.5174, 36.4420



193.7790, -21.5830, 15.9798

Sweetspot

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



185.9970, 17.7495, -46.4784



242.2090, 6.3060, -15.9693



186.9530, -19.2038, -47.3168



120.2700, 3.8109, -9.0068



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.



185.9970, 17.7495, -46.4784



205.6080, 24.3503, -63.6772



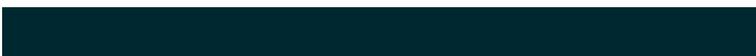
160.7560, 30.1933, -24.3420



107.5370, 2.2003, -5.7329



104.5920, 35.2041, -91.7272



28.9520, 9.3907, -25.3909

Inverse Universe

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



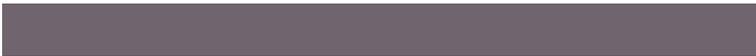
167.9330, 18.7670, 47.4168



180.8780, 25.6961, 65.0050



194.2440, -30.1933, 24.3420



105.3150, 2.3097, 5.8627



69.0400, 36.9553, 93.8039



18.9120, 10.3964, 25.5102

Previews

White Background



This preview shows how the YUV color 185.9970, 17.7495, -46.4784 looks on a white background.

Color Contrast Check

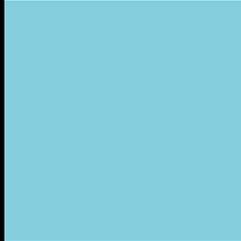
Large Text (above 18pt) WCAG AA × Fail

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 185.9970, 17.7495, -46.4784 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

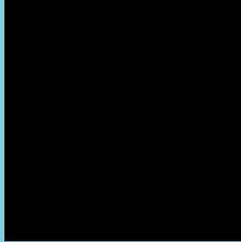
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

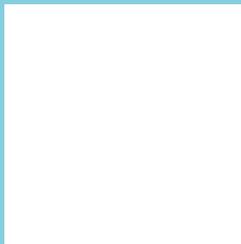
Any Text WCAG AAA ✓ Pass

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

YUV 185.9970, 17.7495, -46.4784 Background



This preview shows how black text looks on a background with the YUV color 185.9970, 17.7495, -46.4784.



This preview shows how white text looks on a background with the YUV color 185.9970, 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

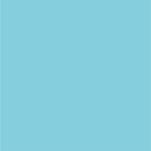
185.9970, 17.7495, -46.4784

Protanopia

194.9810, 8.8834, -2.6143

Deuteranopia

195.9090, 14.8349, 1.8338



Tritanopia

185.9970, 17.7495, -46.4784

Trichromacy



Original Color

185.9970, 17.7495, -46.4784

Protanomaly

191.9790, 11.8424, -18.3986

Deuteranomaly

192.1410, 16.1995, -15.9097

Tritanomaly

185.9970, 17.7495, -46.4784

Monochromacy



Original Color

185.9970, 17.7495, -46.4784

Achromatopsia

186.0000, 0.0000, 0.0000

Achromatomaly

185.9100, 6.4534, -16.5841

CSS Examples

Text

The CSS property to change the color of the text to YUV 185.9970, 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(133, 206, 222)` looks like.

```
.text, #text, p{  
    color:rgb(133, 206, 222)  
}
```

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(133, 206, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 206, 222) }
```

Border

The CSS property to change the border of an element to YUV 185.9970, 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(133, 206, 222) }
```

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

```
.border{ border-color:rgb(133, 206, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(133, 206, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 206, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 206, 222);  
box-shadow:4px 4px 4px 4px rgb(133, 206,  
222) }
```

Background

The CSS property to change the background color of an element to YUV 185.9970, 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(133, 206, 222) }
```

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

```
.background{ background-color: rgb(133,  
206, 222) }
```

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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