

Converting Colors

YUV(184.7570, -8.7542,
-85.7329)

Have a look what the booklet for
YUV(184.7570, -8.7542, -85.7329)
contains.

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Color

**YUV(184.7570, -8.7542,
-85.7329)**

Conversions

Conversions Part 1

Format	Color
Hex	57EEA7
RGB	87, 238, 167
RGB Percent	34%, 93%, 65%
CMY	0.6588, 0.0667, 0.3451
CMYK	0.63, 0.00, 0.30, 0.07
HSL	152°, 82%, 64%
HSV	152°, 63%, 93%
XYZ	41.4801, 65.9653, 47.1056
YIQ	184.7570, -67.2050, -54.0930

Conversions

Conversions Part 2

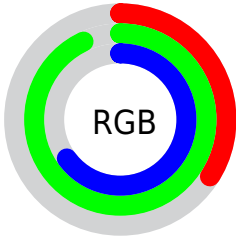
Format	Color
RYB	87, 186, 238
Decimal	5762727
CIELab	84.98, -55.99, 22.84
CIELCh	85, 60.471, 157.811
Yxy	65.9653, 0.2684, 0.4268
Android (android.graphics.Color)	4283952807 (0xFF57EEA7)
YUV	184.7570, -8.7542, -85.7329
Hunter-Lab	81.2190, -50.9701, 22.4662

Details

The YUV color **184.7570, -8.7542, -85.7329** is a light color, and the websafe version is hex **66FFCC**. The color can be described as light muted spring green. A complement of this color would be **140.2430, 8.7542, 85.7329**, and the grayscale version is **185.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **219.8430, 1.0634, -61.2523**, and **119.3570, -2.1480, -104.6761** is the 20% darker color. If you saturate the color by 10%, you get **176.3270, -10.0212, -99.3878**, and if you desaturate by 10%, it is **193.1870, -7.4872, -72.0780**.

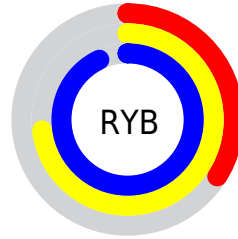
Distribution



Red (34%)

Green (93%)

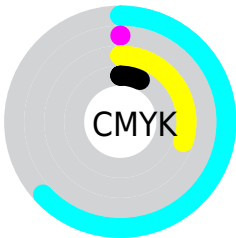
Blue (65%)



Red (34%)

Yellow (73%)

Blue (93%)

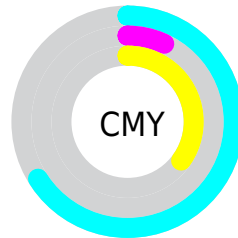


Cyan (63%)

Magenta (0%)

Yellow (30%)

Black (7%)



Cyan (66%)

Magenta (7%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the YUV color 184.7570, -8.7542, -85.7329 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 184.7570, -8.7542, -85.7329 by changing the saturation by 10% instead.

■ 184.7570, -8.7542,
-85.7329

■ 184.7570, -8.7542,
-85.7329

■ 255.0000, 0.0000,
0.0000

■ 153.2940, -6.5539,
-91.4658

■ 219.8430, 1.0634,
-61.2523

■ 119.3570, -2.1480,
-104.6761

■ 232.4180, 9.1609,
-45.0936

■ 100.0710, -4.9650,
-87.7623

■ 241.8440, 6.4859,
-27.0502

■ 82.0730, -7.9240,
-71.9780

■ 251.1130, 1.9163,
-7.9921

■ 63.6020, -10.1568,
-55.7790

■ 46.4190, -12.5316,
-40.7095

■ 30.5240, -15.0483,

-26.7695

■ 15.2620, -7.5242,
-13.3848

■ 0.0000, 0.0000,
0.0000

■ 184.7570, -8.7542,
-85.7329

■ 184.7570, -8.7542,
-85.7329

■ 176.3270,
-10.0212, -99.3878

■ 193.1870, -7.4872,
-72.0780

■ 167.8970,
-11.2882, -113.0427

■ 201.6170, -6.2202,
-58.4231


■ 159.6520,
-13.1394, -125.9828


■ 209.8620, -4.3690,
-45.4830


■ 154.0700,
-13.8385, -135.1194

■ 218.2920, -3.1020,
-31.8281

 226.7220, -1.8349,
-18.1732

 235.1520, -0.5679,
-4.5183

 243.5820, 0.6991,
9.1366

 245.0210, 4.9196,
8.7516

Harmonies

Analogous

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



199.0040, -39.9350, -24.5595



184.7570, -8.7542, -85.7329



167.2310, 28.9731, -146.6616

Triad

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



184.7570, -8.7542, -85.7329



196.2600, 28.9588, -48.4630



194.9130, -24.6071, 52.6963

Complementary

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



184.7570, -8.7542, -85.7329



140.2430, 8.7542, 85.7329

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.



194.6120, 2.1633, 52.9603



184.7570, -8.7542, -85.7329



211.7510, 21.3218, 21.2664

Square

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



184.7570, -8.7542, -85.7329



164.0800, 44.8236, -143.8982



205.6920, 24.3088, 43.2431



202.2070, -47.4301, 46.2995

Rectangle

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



184.7570, -8.7542, -85.7329



169.9500, 41.9297, -149.0461



205.6920, 24.3088, 43.2431



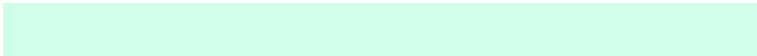
193.9160, -15.7346, 53.5707

Sweetspot

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



184.7570, -8.7542, -85.7329



238.0260, -2.9708, -27.2098



197.4640, -54.4588, -32.8559



117.4340, -1.6930, -17.0436



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.



184.7570, -8.7542, -85.7329



186.6200, -11.1517, -110.1687



191.0900, 23.1266, -91.2869



115.7280, -0.8519, -6.7775



119.0660, -10.8785, -104.4209



36.2920, -3.1020, -31.8281

Inverse Universe

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



140.2430, 8.7542, 85.7329



129.3800, 11.1517, 110.1687



133.9100, -23.1266, 91.2869



112.2720, 0.8519, 6.7775



64.8200, 10.4417, 104.5209



19.7080, 3.1020, 31.8281

Previews

White Background



This preview shows how the YUV color 184.7570, -8.7542, -85.7329 looks on a white background.

Color Contrast Check

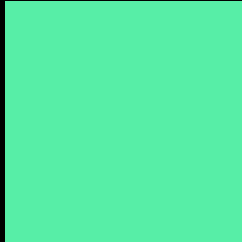
Large Text (above 18pt) WCAG AA × Fail

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 184.7570, -8.7542, -85.7329 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

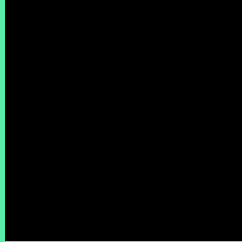
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 184.7570, -8.7542, -85.7329

Background



This preview shows how black text looks on a background with the YUV color 184.7570, -8.7542, -85.7329.



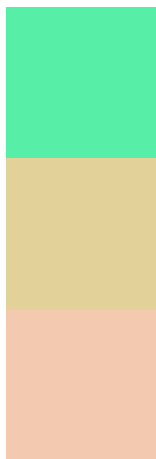
This preview shows how white text looks on a background with the YUV color 184.7570, -8.7542, -85.7329.

-85.7329.

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

184.7570, -8.7542, -85.7329

Protanopia

208.4000, -26.8192, 15.4352

Deuteranopia

211.1810, -17.8372, 27.9053



Tritanopia

196.2650, 24.5194, -71.2694

Trichromacy



Original Color

184.7570, -8.7542, -85.7329



Protanomaly

199.5910, -20.0114, -21.5663



Deuteranomaly

201.4270, -14.5075, -13.5295



Tritanomaly

192.3170, 12.1687, -76.5770

Monochromacy



Original Color

184.7570, -8.7542, -85.7329



Achromatopsia

185.0000, 0.0000, 0.0000



Achromatomaly

184.5910, -3.2494, -31.2133

CSS Examples

Text

The CSS property to change the color of the text to YUV 184.7570, -8.7542, -85.7329 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(87, 238, 167)` looks like.

```
.text, #text, p{  
    color:rgb(87, 238, 167)  
}
```

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(87, 238, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(87, 238, 167) }
```

Border

The CSS property to change the border of an element to YUV 184.7570, -8.7542, -85.7329 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(87, 238, 167) }
```


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

```
.border{ border-color:rgb(87, 238, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(87, 238, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(87, 238, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(87, 238, 167);  
box-shadow:4px 4px 4px 4px rgb(87, 238,  
167) }
```

Background

The CSS property to change the background color of an element to YUV 184.7570, -8.7542, -85.7329 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(87, 238, 167) }
```

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

```
.background{ background-color: rgb(87, 238,  
167) }
```

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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