

Converting Colors

YUV(186.0130, -0.0064,
-44.7384)

Have a look what the booklet for
YUV(186.0130, -0.0064, -44.7384)
contains.

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Color

**YUV(186.0130, -0.0064,
-44.7384)**

Conversions

Conversions Part 1

Format	Color
Hex	87D4BA
RGB	135, 212, 186
RGB Percent	53%, 83%, 73%
CMY	0.4706, 0.1686, 0.2706
CMYK	0.36, 0.00, 0.12, 0.17
HSL	160°, 47%, 68%
HSV	160°, 36%, 83%
XYZ	42.3981, 55.7830, 54.9870
YIQ	186.0130, -37.5460, -24.4100

Conversions

Conversions Part 2

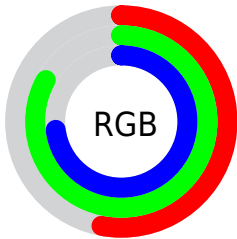
Format	Color
RYB	135, 181, 212
Decimal	8901818
CIELab	79.49, -29.56, 5.37
CIElCh	79, 30.042, 169.704
Yxy	55.7830, 0.2768, 0.3642
Android (android.graphics.Color)	4287091898 (0xFF87D4BA)
YUV	186.0130, -0.0064, -44.7384
Hunter-Lab	74.6880, -29.3752, 8.6310

Details

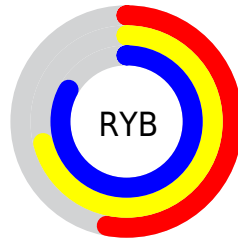
The YUV color $186.0130, -0.0064, -44.7384$ is a light color, and the websafe version is hex $66CCCC$. A complement of this color would be $160.9870, 0.0064, 44.7384$, and the grayscale version is $186.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $234.3820, 3.7557, -38.0460$, and $131.5400, 0.7198, -44.3236$ is the 20% darker color. If you saturate the color by 10%, you get $178.9360, 0.0316, -56.9489$, and if you desaturate by 10%, it is $193.0900, -0.0444, -32.5279$.

Distribution



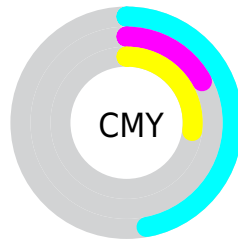
- Red (53%)
- Green (83%)
- Blue (73%)



- Red (53%)
- Yellow (71%)
- Blue (83%)



- Cyan (36%)
- Magenta (0%)
- Yellow (12%)
- Black (17%)




- Cyan (47%)
- Magenta (17%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the YUV color 186.0130, -0.0064, -44.7384 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 186.0130, -0.0064, -44.7384 by changing the saturation by 10% instead.

 186.0130, -0.0064,
-44.7384


 186.0130, -0.0064,
-44.7384


255.0000, 0.0000,
0.0000


 158.4260, 0.2830,
-44.2236

 234.3820, 3.7557,
-38.0460

 131.5400, 0.7198,
-44.3236

 244.2360, 5.3067,
-22.1320

 105.3550, 1.3040,
-45.0383

 253.2060, 0.8844,
-3.6887

 77.9740, 2.4778,
-48.2122

 54.3870, 2.7672,
-47.6974

 37.9050, 0.5398,
-33.2427

 23.1840, -2.5557,

-20.3324

■ 0.0000, 0.0000,
0.0000

■ 186.0130, -0.0064,
-44.7384

■ 186.0130, -0.0064,
-44.7384

■ 178.9360, 0.0316,
-56.9489

■ 193.0900, -0.0444,
-32.5279

■ 171.8590, 0.0695,
-69.1593

■ 200.1670, -0.0823,
-20.3175

■ 164.4830, 0.2549,
-81.9846

■ 207.5430, -0.2677,
-7.4922

■ 157.2920, -0.1440,
-94.0951

■ 214.7340, 0.1311,
4.6183

■ 150.2150, -0.1060,
-106.3056

■ 221.8110, 0.0932,
16.8288

■ 143.1380, -0.0680,
-118.5160

■ 226.7950, 1.0871,
24.7358

■ 140.4040, -0.1992,
-123.1343

■ 227.5930, 4.1447,
24.0359

■ 228.3910, 7.2022,
23.3361

■ 229.1890, 10.2598,
22.6362

Harmonies

Analogous

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



189.9700, -14.7752, -21.0217



186.0130, -0.0064, -44.7384



183.0400, 15.7563, -60.5481

Triad

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



186.0130, -0.0064, -44.7384



197.8890, 25.1977, -8.6727



198.6450, -21.5170, 41.5303

Complementary

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



186.0130, -0.0064, -44.7384



160.9870, 0.0064, 44.7384

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.



200.2510, -10.4767, 47.1379



186.0130, -0.0064, -44.7384



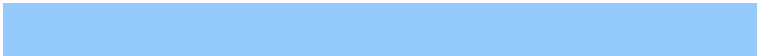
201.2470, 15.6542, 19.0774

Square

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



186.0130, -0.0064, -44.7384



191.4400, 29.3631, -38.0969



201.1650, 3.3697, 39.3203



196.4660, -26.8517, 25.9013

Rectangle

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



186.0130, -0.0064, -44.7384



184.0920, 23.6186, -62.3477



201.1650, 3.3697, 39.3203



198.8780, -18.1809, 44.8340

Sweetspot

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



186.0130, -0.0064, -44.7384



245.6020, 0.1962, -16.3140



188.2720, -26.2631, -23.0405



122.2330, -0.1149, -9.8513



0.0000, 0.0000, 0.0000



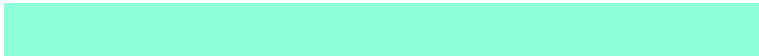
128.0000, 0.0000, 0.0000

Same Dimension

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



186.0130, -0.0064, -44.7384



217.1800, -0.0887, -65.0559



181.9330, 14.8230, -41.1602



103.2550, -0.1257, -6.3626



113.2590, -0.1277, -99.3281



28.5470, 0.2233, -25.0357

Inverse Universe

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



160.9870, 0.0064, 44.7384



180.8200, 0.0887, 65.0559



165.0670, -14.8230, 41.1602



99.7450, 0.1257, 6.3626



57.7410, 0.1277, 99.3281



14.5670, 0.2135, 24.9357

Previews

White Background



This preview shows how the YUV color 186.0130, -0.0064, -44.7384 looks on a white background.

Color Contrast Check

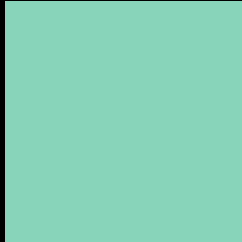
Large Text (above 18pt) WCAG AA × Fail

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 186.0130, -0.0064, -44.7384 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

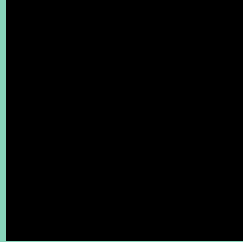
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 186.0130, -0.0064, -44.7384

Background



This preview shows how black text looks on a background with the YUV color 186.0130, -0.0064, -44.7384.



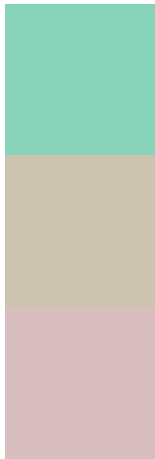
This preview shows how white text looks on a background with the YUV color 186.0130, -0.0064, -44.7384.

-44.7384.

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

186.0130, -0.0064, -44.7384

Protanopia

195.6390, -9.1890, 7.3326

Deuteranopia

198.1870, -3.5432, 16.4990



Tritanopia

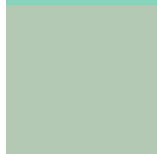
189.9870, 16.2754, -40.3306

Trichromacy



Original Color

186.0130, -0.0064, -44.7384



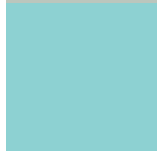
Protanomaly

192.0280, -5.9298, -11.4256



Deuteranomaly

193.6850, -2.3097, -5.8627



Tritanomaly

188.7820, 10.4605, -41.9048

Monochromacy



Original Color

186.0130, -0.0064, -44.7384



Achromatopsia

186.0000, 0.0000, 0.0000



Achromatomaly

185.6020, 0.1962, -16.3140

CSS Examples

Text

The CSS property to change the color of the text to YUV 186.0130, -0.0064, -44.7384 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(135, 212, 186)` looks like.

```
.text, #text, p{  
    color:rgb(135, 212, 186)  
}
```

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(135, 212, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 212, 186) }
```

Border

The CSS property to change the border of an element to YUV 186.0130, -0.0064, -44.7384 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(135, 212, 186) }
```


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

```
.border{ border-color:rgb(135, 212, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(135, 212, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(135, 212, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(135, 212, 186);  
box-shadow:4px 4px 4px 4px rgb(135, 212,  
186) }
```

Background

The CSS property to change the background color of an element to YUV 186.0130, -0.0064, -44.7384 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 212, 186) }
```

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

```
.background{ background-color: rgb(135,  
212, 186) }
```

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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