

Converting Colors

YUV(186.7810, 11.9400,
-49.7969)

Have a look what the booklet for
YUV(186.7810, 11.9400, -49.7969)
contains.

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Color

**YUV(186.7810, 11.9400,
-49.7969)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 82D3D3 |
| RGB | 130, 211, 211 |
| RGB Percent | 51%, 83%, 83% |
| CMY | 0.4902, 0.1725, 0.1725 |
| CMYK | 0.38, 0.00, 0.00, 0.17 |
| HSL | 180°, 48%, 67% |
| HSV | 180°, 38%, 83% |
| XYZ | 44.2581, 56.0375, 70.1117 |
| YIQ | 186.7810, -48.2760, -17.1720 |

Conversions

Conversions Part 2

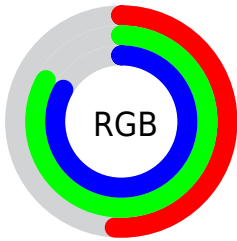
| Format | Color |
|-------------------------------------|--|
| RYB | 130, 171, 211 |
| Decimal | 8573907 |
| CIELab | 79.64, -24.68, -7.82 |
| CIELCh | 80, 25.885, 197.578 |
| Yxy | 56.0375, 0.2597, 0.3288 |
| Android (android.graphics.Color) | 4286763987 (0xFF82D3D3) |
| YUV | 186.7810, 11.9400, -49.7969 |
| Hunter-Lab | 74.8582, -25.4682, -3.1299 |

Details

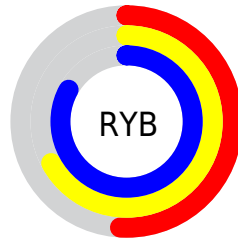
The YUV color **186.7810, 11.9400, -49.7969** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **154.2190, -11.9400, 49.7969**, and the grayscale version is **187.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **234.3690, 10.1711, -42.4196**, and **131.5960, 12.5242, -50.5117** is the 20% darker color. If you saturate the color by 10%, you get **180.5020, 15.0355, -62.7073**, and if you desaturate by 10%, it is **193.0600, 8.8444, -36.8866**.

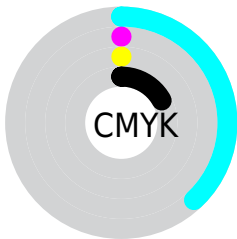
Distribution



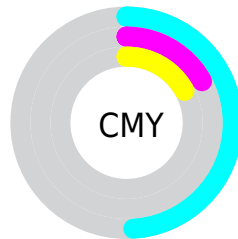
- Red (51%)
- Green (83%)
- Blue (83%)



- Red (51%)
- Yellow (67%)
- Blue (83%)



- Cyan (38%)
- Magenta (0%)
- Yellow (0%)
- Black (17%)



- Cyan (49%)
- Magenta (17%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the YUV color 186.7810, 11.9400, -49.7969 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 186.7810, 11.9400, -49.7969 by changing the saturation by 10% instead.

■ 186.7810, 11.9400,
-49.7969

■ 186.7810, 11.9400,
-49.7969

255.0000, 0.0000,
0.0000

■ 158.7810, 11.9400,
-49.7969

■ 234.3690, 10.1711,
-42.4196

■ 131.5960, 12.5242,
-50.5117

■ 243.0400, 5.8963,
-24.5911

■ 104.2860, 12.6770,
-52.8708

■ 252.0100, 1.4741,
-6.1478

■ 73.6050, 15.4777,
-64.5516

■ 56.1940, 12.2294,
-49.2821

■ 40.0710, 8.8390,
-35.1423

■ 24.7630, 6.0328,

-21.7172

■ 2.4110, 6.6994,
-2.1144

■ 0.0000, 0.0000,
0.0000

■ 186.7810, 11.9400,
-49.7969

■ 186.7810, 11.9400,
-49.7969

■ 180.5020, 15.0355,
-62.7073

■ 193.0600, 8.8444,
-36.8866

■ 174.2230, 18.1311,
-75.6176

■ 199.3390, 5.7489,
-23.9763

■ 167.9440, 21.2266,
-88.5279

■ 205.6180, 2.6533,
-11.0660

■ 161.6650, 24.3222,
-101.4382

■ 211.8970, -0.4422,
1.8443

■ 155.0870, 27.5651,
-114.9633

■ 218.1760, -3.5378,
14.7546

■ 148.8080, 30.6607,
-127.8736

■ 224.1560, -6.4859,
27.0502

■ 147.9110, 31.1029,
-129.7179

Harmonies

Analogous

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



188.4270, -1.1965, -36.3315



186.7810, 11.9400, -49.7969



188.0120, 21.6861, -49.1225

Triad

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



186.7810, 11.9400, -49.7969



201.1710, 14.2127, 14.7590



197.1930, -22.7731, 24.3867

Complementary

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



186.7810, 11.9400, -49.7969



154.2190, -11.9400, 49.7969

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.



199.2360, -17.8643, 36.6270



186.7810, 11.9400, -49.7969



201.4200, 3.2439, 32.9577

Square

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



186.7810, 11.9400, -49.7969



198.3790, 21.9982, -9.1024



200.4890, -8.1291, 40.7901



194.7130, -21.5505, 5.5137

Rectangle

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



186.7810, 11.9400, -49.7969



191.4630, 24.4217, -39.8711



200.4890, -8.1291, 40.7901



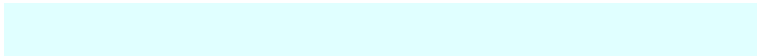
198.0410, -22.2052, 28.9050

Sweetspot

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



186.7810, 11.9400, -49.7969



245.7310, 4.5696, -19.0581



177.5470, -23.4407, -41.6987



122.6180, 2.6533, -11.0660



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.



186.7810, 11.9400, -49.7969



220.0170, 17.2466, -71.9289



163.3010, 23.5156, -29.2050



101.7110, 1.6215, -6.7625



117.7680, 24.7644, -103.2825



28.7410, 6.0437, -25.2059

Inverse Universe

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



163.4530, 23.4407, 41.6987



186.3210, 33.8587, 60.2315



178.2860, -23.8050, 28.6902



98.5430, 3.1833, 5.6628



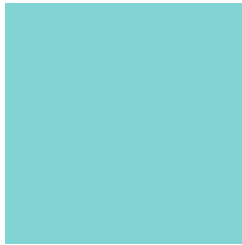
69.3840, 48.6177, 86.4862



16.9330, 11.8650, 21.1068

Previews

White Background



This preview shows how the YUV color 186.7810, 11.9400, -49.7969 looks on a white background.

Color Contrast Check

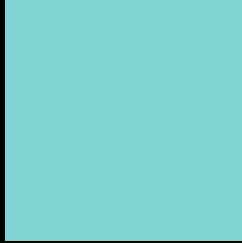
Large Text (above 18pt) WCAG AA × Fail

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 186.7810, 11.9400, -49.7969 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

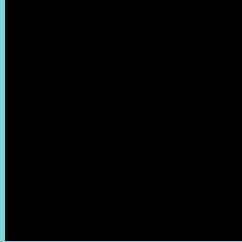
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 186.7810, 11.9400, -49.7969

Background



This preview shows how black text looks on a background with the YUV color 186.7810, 11.9400, -49.7969.



This preview shows how white text looks on a background with the YUV color 186.7810, 11.9400, -49.7969.

-49.7969.

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

186.7810, 11.9400, -49.7969

Protanopia

196.6950, 2.6154, 1.1445

Deuteranopia

198.5200, 8.1246, 7.4370



Tritanopia

188.5130, 18.4811, -47.8079

Trichromacy



Original Color

186.7810, 11.9400, -49.7969

Protanomaly

193.0840, 5.8746, -17.6137

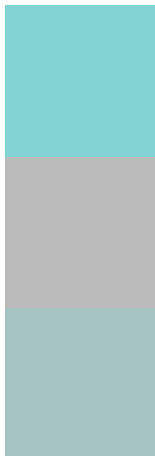
Deuteranomaly

194.1430, 9.7895, -13.2804

Tritanomaly

188.2310, 16.1551, -48.4376

Monochromacy



Original Color

186.7810, 11.9400, -49.7969

Achromatopsia

187.0000, 0.0000, 0.0000

Achromatomaly

187.0300, 4.4222, -18.4433

CSS Examples

Text

The CSS property to change the color of the text to YUV 186.7810, 11.9400, -49.7969 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(130, 211, 211)` looks like.

```
.text, #text, p{  
    color:rgb(130, 211, 211)  
}
```

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(130, 211, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 211, 211) }
```

Border

The CSS property to change the border of an element to YUV 186.7810, 11.9400, -49.7969 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(130, 211, 211) }
```


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

```
.border{ border-color:rgb(130, 211, 211) }
```

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

Here you see how a box with a 4 pixel `rgb(130, 211, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(130, 211, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(130, 211, 211);  
box-shadow:4px 4px 4px 4px rgb(130, 211,  
211) }
```

Background

The CSS property to change the background color of an element to YUV 186.7810, 11.9400, -49.7969 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 211, 211) }
```

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

```
.background{ background-color: rgb(130,  
211, 211) }
```

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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