

Converting Colors

YUV(190.7810, 11.9400,
-49.7969)

Have a look what the booklet for
YUV(190.7810, 11.9400, -49.7969)
contains.

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Color

**YUV(190.7810, 11.9400,
-49.7969)**

Conversions

Conversions Part 1

Format	Color
Hex	86D7D7
RGB	134, 215, 215
RGB Percent	53%, 84%, 84%
CMY	0.4745, 0.1569, 0.1569
CMYK	0.38, 0.00, 0.00, 0.16
HSL	180°, 50%, 68%
HSV	180°, 38%, 84%
XYZ	46.3977, 58.5755, 73.1508
YIQ	190.7810, -48.2760, -17.1720

Conversions

Conversions Part 2

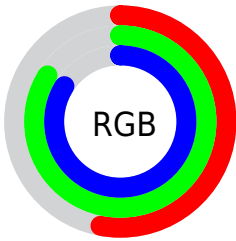
Format	Color
RYB	134, 175, 215
Decimal	8837079
CIELab	81.06, -24.66, -7.83
CIELCh	81, 25.872, 197.605
Yxy	58.5755, 0.2605, 0.3288
Android (android.graphics.Color)	4287027159 (0xFF86D7D7)
YUV	190.7810, 11.9400, -49.7969
Hunter-Lab	76.5346, -25.7233, -3.0943

Details

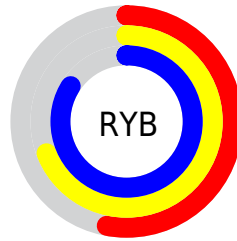
The YUV color **190.7810, 11.9400, -49.7969** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **158.2190, -11.9400, 49.7969**, and the grayscale version is **191.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **235.8640, 9.4340, -39.3457**, and **135.4820, 12.0874, -50.4117** is the 20% darker color. If you saturate the color by 10%, you get **184.5020, 15.0355, -62.7073**, and if you desaturate by 10%, it is **197.3590, 8.6970, -36.2718**.

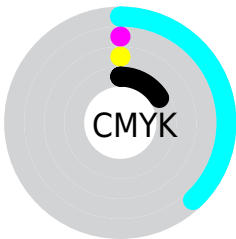
Distribution



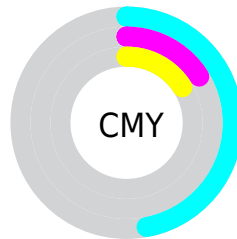
- Red (53%)
- Green (84%)
- Blue (84%)



- Red (53%)
- Yellow (69%)
- Blue (84%)



- Cyan (38%)
- Magenta (0%)
- Yellow (0%)
- Black (16%)



- Cyan (47%)
- Magenta (16%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the YUV color 190.7810, 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 190.7810, 11.9400, -49.7969 by changing the saturation by 10% instead.

190.7810, 11.9400,
-49.7969

190.7810, 11.9400,
-49.7969

255.0000, 0.0000,
0.0000

162.7810, 11.9400,
-49.7969

235.8640, 9.4340,
-39.3457

135.4820, 12.0874,
-50.4117

244.5350, 5.1592,
-21.5172

108.5850, 12.5296,
-52.2560

253.2060, 0.8844,
-3.6887

78.5130, 15.0301,
-60.9629

58.4110, 13.1084,
-51.2264

42.2880, 9.7180,
-37.0866

26.8660, 6.4751,

-23.5615

■ 6.9760, 6.4208,
-6.1180

■ 0.0000, 0.0000,
0.0000

■ 190.7810, 11.9400,
-49.7969

■ 190.7810, 11.9400,
-49.7969

■ 184.5020, 15.0355,
-62.7073

■ 197.3590, 8.6970,
-36.2718

■ 177.9240, 18.2785,
-76.2323

■ 203.6380, 5.6015,
-23.3615

■ 171.6450, 21.3740,
-89.1427

■ 210.2160, 2.3585,
-9.8364

■ 165.0670, 24.6170,
-102.6678

■ 216.4950, -0.7370,
3.0739

■ 158.7880, 27.7125,
-115.5781

■ 223.0730, -3.9800,
16.5990

■ 152.2100, 30.9555,
-129.1032

■ 226.9600, -5.8963,
24.5911

■ 150.7150, 31.6925,
-132.1771

Harmonies

Analogous

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



192.4270, -1.1965, -36.3315



190.7810, 11.9400, -49.7969



192.0120, 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.



190.7810, 11.9400, -49.7969



204.8830, 14.3547, 15.8886



201.0790, -23.2099, 24.4867

Complementary

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



190.7810, 11.9400, -49.7969



158.2190, -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.



203.5350, -18.0118, 37.2418



190.7810, 11.9400, -49.7969



205.4200, 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.



190.7810, 11.9400, -49.7969



202.3790, 21.9982, -9.1024



204.4890, -8.1291, 40.7901



198.7130, -21.5505, 5.5137

Rectangle

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



190.7810, 11.9400, -49.7969



195.4630, 24.4217, -39.8711



204.4890, -8.1291, 40.7901



202.0410, -22.2052, 28.9050

Sweetspot

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



190.7810, 11.9400, -49.7969



246.6280, 4.1274, -17.2138



181.5470, -23.4407, -41.6987



122.9170, 2.5059, -10.4512



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.



190.7810, 11.9400, -49.7969



220.6150, 16.9518, -70.6994



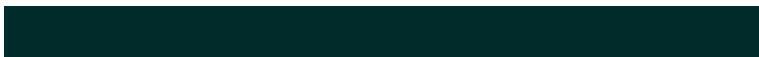
167.3010, 23.5156, -29.2050



103.7110, 1.6215, -6.7625



119.8710, 25.2066, -105.1269



30.1430, 6.3385, -26.4354

Inverse Universe

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



167.4530, 23.4407, 41.6987



187.4950, 33.2800, 59.2019



182.2860, -23.8050, 28.6902



100.5430, 3.1833, 5.6628



70.6230, 49.4859, 88.0306



17.7590, 12.4438, 22.1364

Previews

White Background



This preview shows how the YUV color 190.7810, 11.9400, -49.7969 looks on a white background.

Color Contrast Check

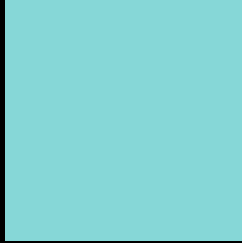
Large Text (above 18pt) WCAG AA × Fail

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 190.7810, 11.9400, -49.7969 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

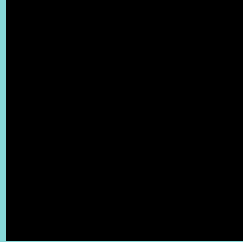
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 190.7810, 11.9400, -49.7969

Background



This preview shows how black text looks on a background with the YUV color 190.7810, 11.9400, -49.7969.



This preview shows how white text looks on a background with the YUV color 190.7810, 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

190.7810, 11.9400, -49.7969

Protanopia

200.6950, 2.6154, 1.1445

Deuteranopia

202.5200, 8.1246, 7.4370



Tritanopia

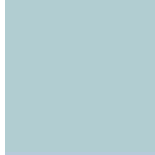
192.5130, 18.4811, -47.8079

Trichromacy



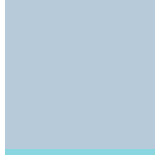
Original Color

190.7810, 11.9400, -49.7969



Protanomaly

197.0840, 5.8746, -17.6137



Deuteranomaly

198.1430, 9.7895, -13.2804



Tritanomaly

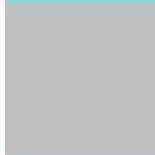
192.2310, 16.1551, -48.4376

Monochromacy



Original Color

190.7810, 11.9400, -49.7969



Achromatopsia

191.0000, 0.0000, 0.0000



Achromatomaly

191.0300, 4.4222, -18.4433

CSS Examples

Text

The CSS property to change the color of the text to YUV 190.7810, 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(134, 215, 215)` looks like.

```
.text, #text, p{  
    color:rgb(134, 215, 215)  
}
```

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(134, 215, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 215, 215) }
```

Border

The CSS property to change the border of an element to YUV 190.7810, 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(134, 215, 215) }
```


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

```
.border{ border-color:rgb(134, 215, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(134, 215, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 215, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 215, 215);  
box-shadow:4px 4px 4px 4px rgb(134, 215,  
215) }
```

Background

The CSS property to change the background color of an element to YUV 190.7810, 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(134, 215, 215) }
```

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

```
.background{ background-color: rgb(134,  
215, 215) }
```

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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