

Converting Colors

YUV(146.7810, 11.9400,
-49.7969)

Have a look what the booklet for
YUV(146.7810, 11.9400, -49.7969)
contains.

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Color

**YUV(146.7810, 11.9400,
-49.7969)**

Conversions

Conversions Part 1

Format	Color
Hex	5AABAB
RGB	90, 171, 171
RGB Percent	35%, 67%, 67%
CMY	0.6471, 0.3294, 0.3294
CMYK	0.47, 0.00, 0.00, 0.33
HSL	180°, 33%, 51%
HSV	180°, 47%, 67%
XYZ	26.1300, 34.2398, 43.7598
YIQ	146.7810, -48.2760, -17.1720

Conversions

Conversions Part 2

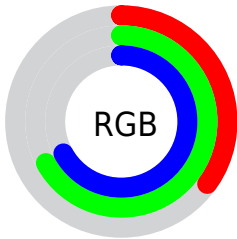
Format	Color
RYB	90, 131, 171
Decimal	5942187
CIELab	65.15, -24.68, -7.68
CIELCh	65, 25.846, 197.277
Yxy	34.2398, 0.2509, 0.3288
Android (android.graphics.Color)	4284132267 (0xFF5AABAB)
YUV	146.7810, 11.9400, -49.7969
Hunter-Lab	58.5147, -22.6908, -3.3793

Details

The YUV color **146.7810, 11.9400, -49.7969** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **114.2190, -11.9400, 49.7969**, and the grayscale version is **147.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **202.6670, 11.5032, -49.6970**, and **91.5030, 13.5560, -54.8151** is the 20% darker color. If you saturate the color by 10%, you get **141.6980, 14.4459, -60.2481**, and if you desaturate by 10%, it is **151.8640, 9.4340, -39.3457**.

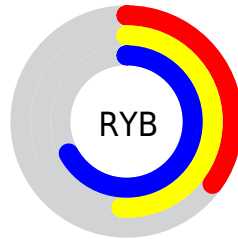
Distribution



Red (35%)

Green (67%)

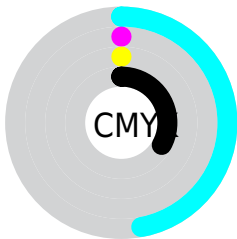
Blue (67%)



Red (35%)

Yellow (51%)

Blue (67%)

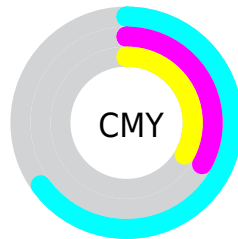


Cyan (47%)

Magenta (0%)

Yellow (0%)

Black (33%)



Cyan (65%)

Magenta (33%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the YUV color 146.7810, 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 146.7810, 11.9400, -49.7969 by changing the saturation by 10% instead.

■ 146.7810, 11.9400,
-49.7969

■ 146.7810, 11.9400,
-49.7969

■ 255.0000, 0.0000,
0.0000

■ 119.5960, 12.5242,
-50.5117

■ 202.6670, 11.5032,
-49.6970

■ 91.5030, 13.5560,
-54.8151

■ 230.7810, 11.9400,
-49.7969

■ 65.3070, 14.1456,
-57.2742

■ 239.4520, 7.6652,
-31.9684

■ 48.5970, 11.0447,
-42.6196

■ 248.1230, 3.3904,
-14.1399

■ 33.0610, 7.3649,
-28.9945

■ 18.9270, 3.9800,
-16.5990

■ 0.0000, 0.0000,

0.0000

■ 146.7810, 11.9400,
-49.7969

■ 146.7810, 11.9400,
-49.7969

■ 141.6980, 14.4459,
-60.2481

■ 151.8640, 9.4340,
-39.3457

■ 136.6150, 16.9518,
-70.6994

■ 156.9470, 6.9281,
-28.8945

■ 131.5320, 19.4577,
-81.1506

■ 162.0300, 4.4222,
-18.4433

■ 126.4490, 21.9636,
-91.6018

■ 167.1130, 1.9163,
-7.9921

■ 121.3660, 24.4696,
-102.0530

■ 172.1960, -0.5896,
2.4591

■ 119.8710, 25.2066,
-105.1269

■ 177.5780, -3.2430,
13.5251

■ 182.6610, -5.7489,
23.9763

■ 187.7440, -8.2548,
34.4275

■ 192.8270,
-10.7607, 44.8787

Harmonies

Analogous

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



149.1390, -1.0545, -35.2019



146.7810, 11.9400, -49.7969



148.1860, 21.1073, -50.1521

Triad

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



146.7810, 11.9400, -49.7969



161.7580, 13.9233, 14.2442



157.7090, -22.0415, 23.0572

Complementary

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



146.7810, 11.9400, -49.7969



114.2190, -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.



159.7520, -17.1327, 35.2975



146.7810, 11.9400, -49.7969



161.8220, 3.5388, 31.7281

Square

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



146.7810, 11.9400, -49.7969



158.8520, 21.2720, -9.5172



161.1790, -7.9762, 38.4310



155.6420, -20.5295, 4.6990

Rectangle

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



146.7810, 11.9400, -49.7969



151.0500, 24.1323, -40.3859



161.1790, -7.9762, 38.4310



158.6710, -21.0368, 27.4755

Sweetspot

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



146.7810, 11.9400, -49.7969



212.7310, 4.5696, -19.0581



137.5470, -23.4407, -41.6987



106.3190, 2.8007, -11.6808



240.0000, 0.0000, 0.0000



112.0000, 0.0000, 0.0000

Same Dimension

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



146.7810, 11.9400, -49.7969



184.0270, 18.7207, -78.0767



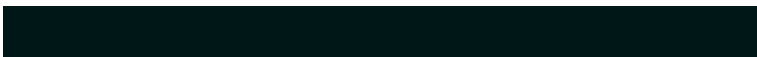
123.3010, 23.5156, -29.2050



84.3090, 1.3267, -5.5330



105.1500, 22.1110, -92.2166



16.1230, 3.3904, -14.1399

Inverse Universe

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



123.4530, 23.4407, 41.6987



147.4510, 36.7527, 65.3795



138.2860, -23.8050, 28.6902



81.7170, 2.6045, 4.6332



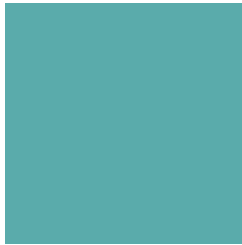
61.9500, 43.4087, 77.2198



9.4990, 6.6560, 11.8404

Previews

White Background



This preview shows how the YUV color 146.7810, 11.9400, -49.7969 looks on a white background.

Color Contrast Check

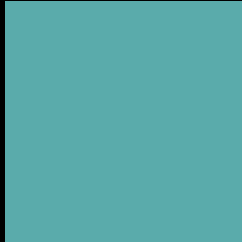
Large Text (above 18pt) WCAG AA × Fail

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 146.7810, 11.9400, -49.7969 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

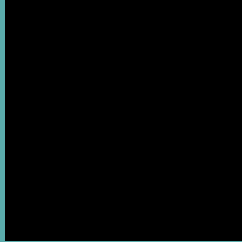
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 146.7810, 11.9400, -49.7969

Background



This preview shows how black text looks on a background with the YUV color 146.7810, 11.9400, -49.7969.



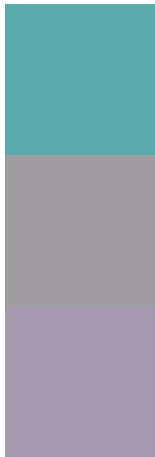
This preview shows how white text looks on a background with the YUV color 146.7810, 11.9400, -49.7969.

-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

146.7810, 11.9400, -49.7969

Protanopia

157.5810, 2.1786, 1.2445

Deuteranopia

158.7970, 7.9881, 4.5630



Tritanopia

148.1710, 17.1707, -47.5080

Trichromacy



Original Color

146.7810, 11.9400, -49.7969

Protanomaly

153.3830, 5.7272, -16.9989

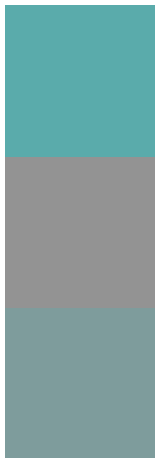
Deuteranomaly

154.7190, 9.5055, -15.5396

Tritanomaly

148.0030, 15.2815, -48.2376

Monochromacy



Original Color

146.7810, 11.9400, -49.7969

Achromatopsia

147.0000, 0.0000, 0.0000

Achromatomaly

147.0300, 4.4222, -18.4433

CSS Examples

Text

The CSS property to change the color of the text to YUV 146.7810, 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(90, 171, 171)` looks like.

```
.text, #text, p{  
    color:rgb(90, 171, 171)  
}
```

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(90, 171, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(90, 171, 171) }
```

Border

The CSS property to change the border of an element to YUV 146.7810, 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(90, 171, 171) }
```


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

```
.border{ border-color:rgb(90, 171, 171) }
```

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

Here you see how a box with a 4 pixel rgb(90, 171, 171) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(90, 171, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(90, 171, 171);  
box-shadow:4px 4px 4px 4px rgb(90, 171,  
171) }
```

Background

The CSS property to change the background color of an element to YUV 146.7810, 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(90, 171, 171) }
```

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

```
.background{ background-color: rgb(90, 171,  
171) }
```

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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