

Converting Colors

YUV(169.7490, 13.9277,
-33.9829)

Have a look what the booklet for
YUV(169.7490, 13.9277, -33.9829)
contains.

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Color

**YUV(169.7490, 13.9277,
-33.9829)**

Conversions

Conversions Part 1

Format	Color
Hex	83B8C6
RGB	131, 184, 198
RGB Percent	51%, 72%, 78%
CMY	0.4863, 0.2784, 0.2235
CMYK	0.34, 0.07, 0.00, 0.22
HSL	193°, 37%, 65%
HSV	193°, 34%, 78%
XYZ	36.6936, 43.1835, 59.8274
YIQ	169.7490, -36.0820, -6.8820

Conversions

Conversions Part 2

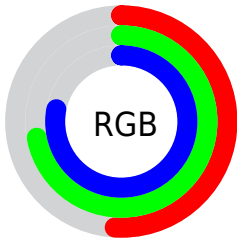
Format	Color
RYB	131, 161, 198
Decimal	8632518
CIELab	71.68, -13.86, -12.64
CIElCh	72, 18.755, 222.372
Yxy	43.1835, 0.2627, 0.3091
Android (android.graphics.Color)	4286822598 (0xFF83B8C6)
YUV	169.7490, 13.9277, -33.9829
Hunter-Lab	65.7141, -15.3285, -7.9788

Details

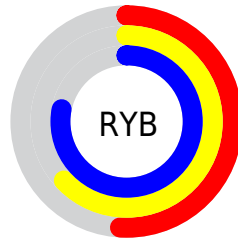
The YUV color $169.7490, 13.9277, -33.9829$ is a light color, and the websafe version is hex $99CCCC$. A complement of this color would be $159.2510, -13.9277, 33.9829$, and the grayscale version is $170.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $225.5640, 14.5119, -34.6976$, and $116.6350, 13.4909, -33.8829$ is the 20% darker color. If you saturate the color by 10%, you get $161.4210, 18.0334, -44.2192$, and if you desaturate by 10%, it is $178.0770, 9.8220, -23.7465$.

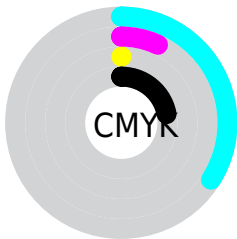
Distribution



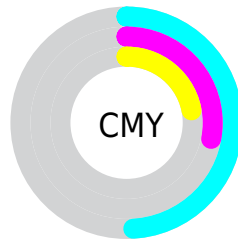
- Red (51%)
- Green (72%)
- Blue (78%)



- Red (51%)
- Yellow (63%)
- Blue (78%)



- Cyan (34%)
- Magenta (7%)
- Yellow (0%)
- Black (22%)



- Cyan (49%)
- Magenta (28%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the YUV color 169.7490, 13.9277, -33.9829 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 169.7490, 13.9277, -33.9829 by changing the saturation by 10% instead.

■ 169.7490, 13.9277,
-33.9829

■ 169.7490, 13.9277,
-33.9829

255.0000, 0.0000,
0.0000

■ 142.7490, 13.9277,
-33.9829

■ 225.5640, 14.5119,
-34.6976

■ 116.6350, 13.4909,
-33.8829

■ 242.7410, 6.0437,
-25.2059

■ 91.3360, 13.6384,
-34.4977

■ 251.4120, 1.7689,
-7.3773

■ 65.1400, 14.2280,
-36.9568

■ 42.0260, 13.7912,
-36.8568

■ 27.1910, 10.2588,
-23.8465

■ 10.7090, 8.0315,

-9.3918

■ 0.0000, 0.0000,
0.0000

■ 169.7490, 13.9277,
-33.9829

■ 169.7490, 13.9277,
-33.9829

■ 161.4210, 18.0334,
-44.2192

■ 178.0770, 9.8220,
-23.7465

■ 153.0930, 22.1392,
-54.4556

■ 186.4050, 5.7163,
-13.5102

■ 145.0640, 26.0974,
-64.0771

■ 194.4340, 1.7580,
-3.8886

■ 136.1490, 30.4925,
-73.7987

■ 203.3490, -2.6371,
5.8329

■ 127.8210, 34.5982,
-84.0350

■ 211.6770, -6.7428,
16.0693

■ 119.4930, 38.7040,
-94.2714

■ 220.0050,
-10.8485, 26.3056

■ 114.7310, 41.0516,
-100.6191

■ 223.8480,
-12.7431, 27.3203

■ 226.1960,
-13.9006, 25.2611

■ 228.5440,
-15.0582, 23.2019

Harmonies

Analogous

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



169.0990, 6.3602, -33.4128



169.7490, 13.9277, -33.9829



172.4280, 17.5370, -24.9314

Triad

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



169.7490, 13.9277, -33.9829



179.0550, 3.4239, 21.8768



174.5050, -16.0250, 6.5731

Complementary

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



169.7490, 13.9277, -33.9829



159.2510, -13.9277, 33.9829

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.



175.8810, -16.2103, 19.3984



169.7490, 13.9277, -33.9829



178.6230, -4.7441, 28.3946

Square

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



169.7490, 13.9277, -33.9829



178.0300, 11.3242, 7.8667



177.3750, -12.0169, 27.7351



172.3720, -11.0294, -9.0962

Rectangle

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



169.7490, 13.9277, -33.9829



174.9670, 16.7783, -14.8801



177.3750, -12.0169, 27.7351



175.1250, -16.3306, 11.2914

Sweetspot

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



169.7490, 13.9277, -33.9829



244.5900, 5.1321, -12.7954



171.8110, -13.7108, -35.7912



120.8680, 3.5161, -7.7772



0.0000, 0.0000, 0.0000



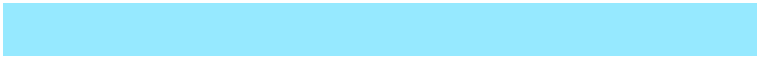
128.0000, 0.0000, 0.0000

Same Dimension

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



169.7490, 13.9277, -33.9829



210.6910, 21.8443, -53.2260



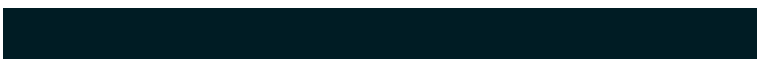
150.3780, 23.4776, -16.9945



95.1350, 1.9054, -4.5034



94.3050, 33.8666, -82.7055



20.5400, 7.6218, -18.0136

Inverse Universe

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



157.0750, 13.2740, 35.8912



190.8570, 20.7765, 56.2534



178.6220, -23.4776, 16.9945



93.4890, 1.7309, 4.8331



63.4430, 32.3196, 87.3115



13.9560, 6.9237, 19.3326

Previews

White Background



This preview shows how the YUV color 169.7490, 13.9277, -33.9829 looks on a white background.

Color Contrast Check

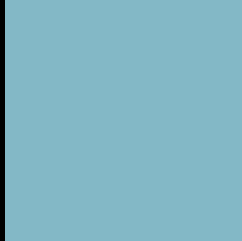
Large Text (above 18pt) WCAG AA × Fail

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 169.7490, 13.9277, -33.9829 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

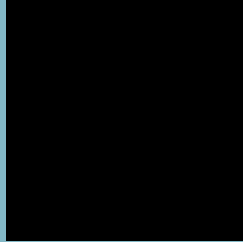
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 169.7490, 13.9277, -33.9829

Background



This preview shows how black text looks on a background with the YUV color 169.7490, 13.9277, -33.9829.



This preview shows how white text looks on a background with the YUV color 169.7490, 13.9277, -33.9829.

-33.9829.

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

169.7490, 13.9277, -33.9829

Protanopia

175.7530, 8.0098, -2.4144

Deuteranopia

177.1110, 11.7773, 2.5337



Tritanopia

169.8630, 14.3645, -34.0829

Trichromacy



Original Color

169.7490, 13.9277, -33.9829

Protanomaly

173.8440, 9.9369, -13.8952

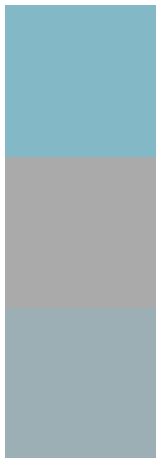
Deuteranomaly

174.5500, 12.5468, -11.0064

Tritanomaly

169.8630, 14.3645, -34.0829

Monochromacy



Original Color

169.7490, 13.9277, -33.9829

Achromatopsia

170.0000, 0.0000, 0.0000

Achromatomaly

169.8890, 4.9847, -12.1807

CSS Examples

Text

The CSS property to change the color of the text to YUV 169.7490, 13.9277, -33.9829 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(131, 184, 198)` looks like.

```
.text, #text, p{  
    color:rgb(131, 184, 198)  
}
```

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(131, 184, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(131, 184, 198) }
```

Border

The CSS property to change the border of an element to YUV 169.7490, 13.9277, -33.9829 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(131, 184, 198) }
```


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

```
.border{ border-color:rgb(131, 184, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(131, 184, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(131, 184, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(131, 184, 198);  
box-shadow:4px 4px 4px 4px rgb(131, 184,  
198) }
```

Background

The CSS property to change the background color of an element to YUV 169.7490, 13.9277, -33.9829 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(131, 184, 198) }
```

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

```
.background{ background-color: rgb(131,  
184, 198) }
```

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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