

Converting Colors

YUV(190.9340, 13.3435,
-33.2681)

Have a look what the booklet for
YUV(190.9340, 13.3435, -33.2681)
contains.

| | |
|--|----|
| YUV(190.9340, 13.3435, -33.2681) | 3 |
| <i>Conversions</i> | 4 |
| <i>Details</i> | 6 |
| <i>Harmonies</i> | 12 |
| <i>Previews</i> | 24 |
| <i>Color Blindness Simulation</i> | 28 |
| <i>CSS Examples</i> | 31 |

Color

**YUV(190.9340, 13.3435,
-33.2681)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | 99CDDA |
| RGB | 153, 205, 218 |
| RGB Percent | 60%, 80%, 85% |
| CMY | 0.4000, 0.1961, 0.1451 |
| CMYK | 0.30, 0.06, 0.00, 0.15 |
| HSL | 192°, 47%, 73% |
| HSV | 192°, 30%, 85% |
| XYZ | 47.6231, 55.4969, 74.5316 |
| YIQ | 190.9340, -35.1650, -6.9810 |

Conversions

Conversions Part 2

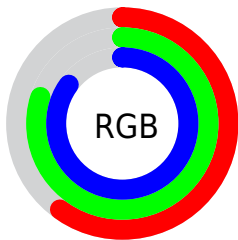
| Format | Color |
|-------------------------------------|--------------------------------|
| R_{YB} | 153, 182, 218 |
| Decimal | 10079706 |
| CIE _{Lab} | 79.33, -13.76, -11.90 |
| CIE _{LCh} | 79, 18.198, 220.859 |
| Yxy | 55.4969, 0.2681, 0.3124 |
| Android (android.graphics.Color) | 4288269786 (0xFF99CDDA) |
| YUV | 190.9340, 13.3435, -33.2681 |
| Hunter-Lab | 74.4962, -16.2591, -7.1708 |

Details

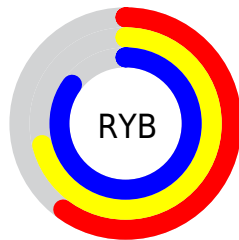
The YUV color **190.9340, 13.3435, -33.2681** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **180.0660, -13.3435, 33.2681**, and the grayscale version is **191.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **241.2460, 6.7807, -28.2797**, and **137.1190, 12.7593, -32.5534** is the 20% darker color. If you saturate the color by 10%, you get **182.0080, 17.7441, -44.7340**, and if you desaturate by 10%, it is **199.8600, 8.9430, -21.8022**.

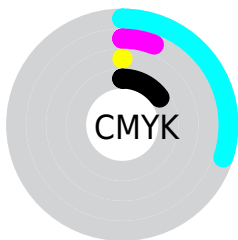
Distribution



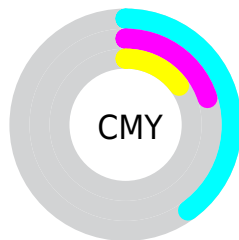
- Red (60%)
- Green (80%)
- Blue (85%)



- Red (60%)
- Yellow (71%)
- Blue (85%)



- Cyan (30%)
- Magenta (6%)
- Yellow (0%)
- Black (15%)



- Cyan (40%)
- Magenta (20%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the YUV color 190.9340, 13.3435, -33.2681 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 190.9340, 13.3435, -33.2681 by changing the saturation by 10% instead.

■ 190.9340, 13.3435,
-33.2681

■ 190.9340, 13.3435,
-33.2681

255.0000, 0.0000,
0.0000

■ 163.2330, 13.1961,
-32.6533

■ 241.2460, 6.7807,
-28.2797

■ 137.1190, 12.7593,
-32.5534

■ 249.9170, 2.5059,
-10.4512

■ 111.1190, 12.7593,
-32.5534

■ 85.7060, 12.4699,
-33.0682

■ 60.2110, 13.2070,
-36.1420

■ 38.4070, 12.6173,
-33.6829

■ 23.5720, 9.0850,

-20.6726

■ 3.0950, 9.3202,
-2.7143

■ 0.0000, 0.0000,
0.0000

■ 190.9340, 13.3435,
-33.2681

■ 190.9340, 13.3435,
-33.2681

■ 182.0080, 17.7441,
-44.7340

■ 199.8600, 8.9430,
-21.8022

■ 172.4950, 22.4340,
-55.6851

■ 209.3730, 4.2531,
-10.8511

■ 163.8680, 26.6871,
-66.5362

■ 218.0000, 0.0000,
0.0000

■ 154.9420, 31.0876,
-78.0021

■ 226.9260, -4.4005,
11.4659

■ 145.4290, 35.7775,
-88.9532

■ 234.3460, -8.0586,
18.1136

■ 136.5030, 40.1780,
-100.4191

■ 236.6940, -9.2161,
16.0544

■ 126.9900, 44.8679,
-111.3702

■ 239.6290,
-10.6631, 13.4804

■ 241.9770,
-11.8207, 11.4212

■ 244.3250,
-12.9782, 9.3620

Harmonies

Analogous

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



189.9960, 5.9180, -31.5685



190.9340, 13.3435, -33.2681



193.3140, 17.1002, -24.8314

Triad

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



190.9340, 13.3435, -33.2681



199.8700, 4.0081, 21.1620



195.2170, -15.8830, 7.7027

Complementary

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



190.9340, 13.3435, -33.2681



180.0660, -13.3435, 33.2681

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.



197.2940, -15.9209, 19.9132



190.9340, 13.3435, -33.2681



199.7370, -4.3073, 28.2947

Square

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



190.9340, 13.3435, -33.2681



198.7310, 11.4716, 7.2519



198.4890, -11.5801, 27.6351



193.0840, -10.8874, -7.9667

Rectangle

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



190.9340, 13.3435, -33.2681



195.6680, 16.9257, -15.4948



198.4890, -11.5801, 27.6351



195.5380, -16.0412, 11.8062

Sweetspot

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



190.9340, 13.3435, -33.2681



245.1880, 4.8373, -11.5659



192.6370, -13.1320, -34.7616



121.7540, 3.0793, -7.6773



0.0000, 0.0000, 0.0000



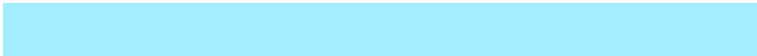
128.0000, 0.0000, 0.0000

Same Dimension

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



190.9340, 13.3435, -33.2681



216.9260, 18.7705, -47.2931



172.7370, 22.3147, -17.3093



104.9500, 2.4896, -5.2182



101.3150, 35.3407, -88.8533



26.9630, 9.3852, -23.6466

Inverse Universe

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



178.3630, 13.1320, 34.7616



198.9440, 18.7616, 49.1611



199.4370, -22.8934, 16.2798



103.2010, 1.8729, 5.9627



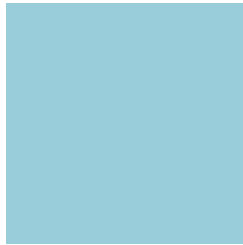
67.5730, 35.2135, 92.4595



17.9720, 9.3808, 24.5806

Previews

White Background



This preview shows how the YUV color 190.9340, 13.3435, -33.2681 looks on a white background.

Color Contrast Check

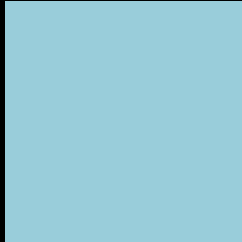
Large Text (above 18pt) WCAG AA × Fail

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 190.9340, 13.3435, -33.2681 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

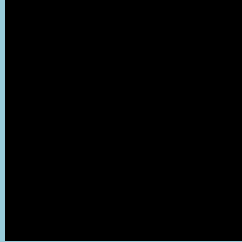
Any Text WCAG AA ✓ Pass

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 190.9340, 13.3435, -33.2681 Background



This preview shows how black text looks on a background with the YUV color 190.9340, 13.3435, -33.2681.



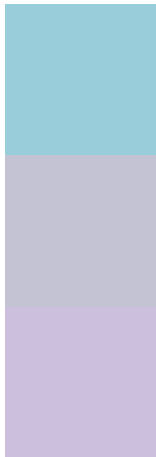
This preview shows how white text looks on a background with the YUV color 190.9340, 13.3435, -33.2681.

-33.2681.

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

190.9340, 13.3435, -33.2681

Protanopia

196.9380, 7.4256, -1.6996

Deuteranopia

198.0080, 11.3351, 4.3780



Tritanopia

191.5750, 14.5065, -32.9533

Trichromacy



Original Color

190.9340, 13.3435, -33.2681

Protanomaly

195.0290, 9.3527, -13.1804

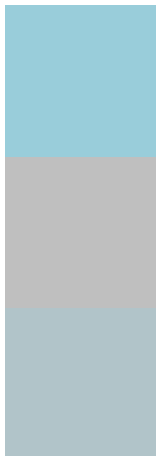
Deuteranomaly

195.4470, 12.1046, -9.1620

Tritanomaly

191.4610, 14.0697, -32.8533

Monochromacy



Original Color

190.9340, 13.3435, -33.2681

Achromatopsia

191.0000, 0.0000, 0.0000

Achromatomaly

190.8890, 4.9847, -12.1807

CSS Examples

Text

The CSS property to change the color of the text to YUV 190.9340, 13.3435, -33.2681 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(153, 205, 218)` looks like.

```
.text, #text, p{  
    color:rgb(153, 205, 218)  
}
```

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(153, 205, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 205, 218) }
```

Border

The CSS property to change the border of an element to YUV 190.9340, 13.3435, -33.2681 is called "border".

The border property can be set on classes, ids or directly on the HTML element.

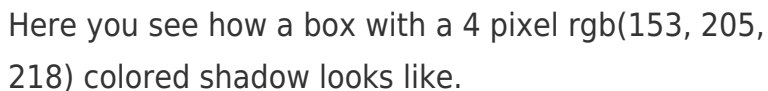
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(153, 205, 218) }
```


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

```
.border{ border-color:rgb(153, 205, 218) }
```

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



Here you see how a box with a 4 pixel `rgb(153, 205, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(153, 205, 218); -webkit-box-shadow:4px 4px 4px 4px rgb(153, 205, 218); box-shadow:4px 4px 4px 4px rgb(153, 205, 218) }
```

Background

The CSS property to change the background color of an element to YUV 190.9340, 13.3435, -33.2681 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 205, 218) }
```

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

```
.background{ background-color: rgb(153,  
205, 218) }
```

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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