

Converting Colors

YUV(193.0820, 8.8336,
-33.3979)

Have a look what the booklet for
YUV(193.0820, 8.8336, -33.3979)
contains.

YUV(193.0820, 8.8336, -33.3979)	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(193.0820, 8.8336,
-33.3979)**

Conversions

Conversions Part 1

Format	Color
Hex	9BD1D3
RGB	155, 209, 211
RGB Percent	61%, 82%, 83%
CMY	0.3922, 0.1804, 0.1725
CMYK	0.27, 0.01, 0.00, 0.17
HSL	182°, 39%, 72%
HSV	182°, 27%, 83%
XYZ	48.0759, 57.2726, 70.1489
YIQ	193.0820, -32.8260, -10.8260

Conversions

Conversions Part 2

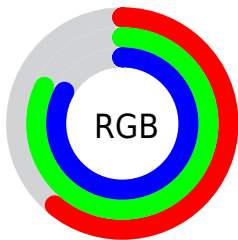
Format	Color
RYB	155, 182, 211
Decimal	10211795
CIELab	80.33, -16.85, -6.65
CIELCh	80, 18.109, 201.529
Yxy	57.2726, 0.2739, 0.3263
Android (android.graphics.Color)	4288401875 (0xFF9BD1D3)
YUV	193.0820, 8.8336, -33.3979
Hunter-Lab	75.6787, -19.0432, -1.9826

Details

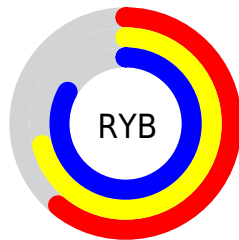
The YUV color **193.0820, 8.8336, -33.3979** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **172.9180, -8.8336, 33.3979**, and the grayscale version is **193.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **241.8440, 6.4859, -27.0502**, and **138.7940, 8.9756, -32.2683** is the 20% darker color. If you saturate the color by 10%, you get **186.2160, 12.2185, -45.7934**, and if you desaturate by 10%, it is **199.9480, 5.4486, -21.0024**.

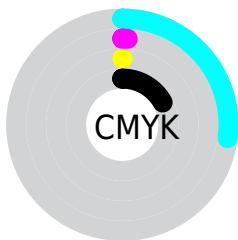
Distribution



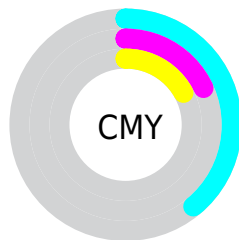
- Red (61%)
- Green (82%)
- Blue (83%)



- Red (61%)
- Yellow (71%)
- Blue (83%)



- Cyan (27%)
- Magenta (1%)
- Yellow (0%)
- Black (17%)



- Cyan (39%)
- Magenta (18%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the YUV color 193.0820, 8.8336, -33.3979 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 193.0820, 8.8336, -33.3979 by changing the saturation by 10% instead.

■ 193.0820, 8.8336,
-33.3979

■ 193.0820, 8.8336,
-33.3979

255.0000, 0.0000,
0.0000

■ 165.3810, 8.6862,
-32.7831

■ 241.8440, 6.4859,
-27.0502

■ 138.7940, 8.9756,
-32.2683

■ 250.5150, 2.2111,
-9.2217

■ 112.6800, 8.5388,
-32.1684

■ 87.3810, 8.6862,
-32.7831

■ 62.4840, 9.1284,
-34.6275

■ 39.4840, 9.1284,
-34.6275

■ 24.1760, 6.3222,

-21.2024

■ 3.5850, 6.1206,
-3.1440

■ 0.0000, 0.0000,
0.0000

■ 193.0820, 8.8336,
-33.3979

■ 193.0820, 8.8336,
-33.3979

■ 186.2160, 12.2185,
-45.7934

■ 199.9480, 5.4486,
-21.0024

■ 179.3500, 15.6035,
-58.1889

■ 206.8140, 2.0637,
-8.6069

■ 173.0710, 18.6990,
-71.0993

■ 213.0930, -1.0318,
4.3034

■ 166.2050, 22.0839,
-83.4948

■ 219.9590, -4.4168,
16.6990

■ 159.3390, 25.4689,
-95.8903

■ 225.3300, -7.0647,
26.0206

■ 152.1740, 29.0012,
-108.9006

■ 225.9170, -7.3541,
25.5058

■ 145.8950, 32.0968,
-121.8109

■ 226.5040, -7.6435,
24.9910

■ 143.2150, 33.4180,
-125.5996

■ 227.0910, -7.9329,
24.4762

Harmonies

Analogous

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



193.8350, 0.0813, -26.1653



193.0820, 8.8336, -33.3979



194.7000, 14.9379, -31.3089

Triad

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



193.0820, 8.8336, -33.3979



202.0800, 8.8346, 13.0848



198.8590, -16.1995, 15.9097

Complementary

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



193.0820, 8.8336, -33.3979



172.9180, -8.8336, 33.3979

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.



200.6090, -13.6112, 25.7759



193.0820, 8.8336, -33.3979



202.7950, 1.0871, 24.7358

Square

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



193.0820, 8.8336, -33.3979



200.5770, 14.9985, -4.0140



202.0530, -6.9281, 28.8945



197.5260, -14.5563, 2.1697

Rectangle

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



193.0820, 8.8336, -33.3979



196.3140, 17.1002, -24.8314



202.0530, -6.9281, 28.8945



199.9950, -15.7735, 19.2984

Sweetspot

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



193.0820, 8.8336, -33.3979



248.4330, 3.2375, -11.7807



188.1000, -15.3323, -29.0287



123.5260, 2.2057, -7.4773



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.



193.0820, 8.8336, -33.3979



228.7210, 12.9555, -48.8673



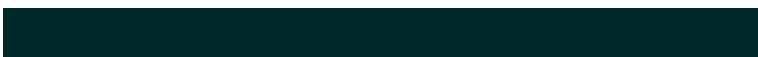
176.6460, 16.9365, -18.9835



101.1240, 1.9109, -6.2477



114.2460, 26.5007, -100.1937



27.5670, 6.6225, -24.1763

Inverse Universe

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



177.9000, 15.3323, 29.0287



206.5240, 22.4197, 42.5135



189.3540, -16.9365, 18.9835



98.4290, 2.7465, 5.7628



68.7000, 45.9969, 87.0861



16.7050, 10.9914, 21.3067

Previews

White Background



This preview shows how the YUV color 193.0820, 8.8336, -33.3979 looks on a white background.

Color Contrast Check

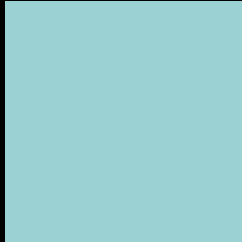
Large Text (above 18pt) WCAG AA × Fail

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 193.0820, 8.8336, -33.3979 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

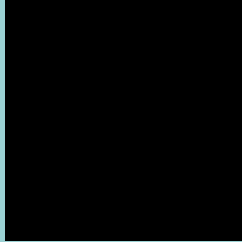
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 193.0820, 8.8336, -33.3979

Background



This preview shows how black text looks on a background with the YUV color 193.0820, 8.8336, -33.3979.



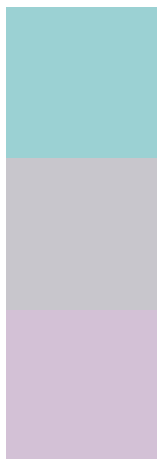
This preview shows how white text looks on a background with the YUV color 193.0820, 8.8336,

-33.3979.

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

193.0820, 8.8336, -33.3979

Protanopia

199.2820, 2.3260, 0.6297

Deuteranopia

200.7760, 6.5194, 8.9664



Tritanopia

194.2870, 14.6485, -31.8237

Trichromacy



Original Color

193.0820, 8.8336, -33.3979

Protanomaly

197.1880, 4.8373, -11.5659

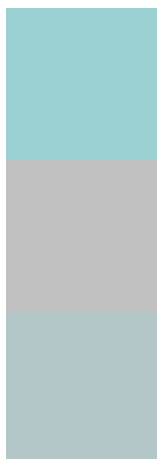
Deuteranomaly

198.2040, 7.2944, -6.3179

Tritanomaly

194.0050, 12.3225, -32.4534

Monochromacy



Original Color

193.0820, 8.8336, -33.3979

Achromatopsia

193.0000, 0.0000, 0.0000

Achromatomaly

193.1340, 3.3849, -12.3955

CSS Examples

Text

The CSS property to change the color of the text to YUV 193.0820, 8.8336, -33.3979 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(155, 209, 211)` looks like.

```
.text, #text, p{  
    color:rgb(155, 209, 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(155, 209, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 209, 211) }
```

Border

The CSS property to change the border of an element to YUV 193.0820, 8.8336, -33.3979 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(155, 209, 211) }
```


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

```
.border{ border-color:rgb(155, 209, 211) }
```

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

Here you see how a box with a 4 pixel `rgb(155, 209, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 209, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 209, 211);  
box-shadow:4px 4px 4px 4px rgb(155, 209,  
211) }
```

Background

The CSS property to change the background color of an element to YUV 193.0820, 8.8336, -33.3979 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 209, 211) }
```

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

```
.background{ background-color: rgb(155,  
209, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor