

Converting Colors

YUV(193.9710, -2.9437,
-35.9316)

Have a look what the booklet for
YUV(193.9710, -2.9437, -35.9316)
contains.

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Color

**YUV(193.9710, -2.9437,
-35.9316)**

Conversions

Conversions Part 1

Format	Color
Hex	99D8BC
RGB	153, 216, 188
RGB Percent	60%, 85%, 74%
CMY	0.4000, 0.1529, 0.2627
CMYK	0.29, 0.00, 0.13, 0.15
HSL	153°, 45%, 72%
HSV	153°, 29%, 85%
XYZ	46.7698, 59.5149, 56.5994
YIQ	193.9710, -28.5600, -22.0640

Conversions

Conversions Part 2

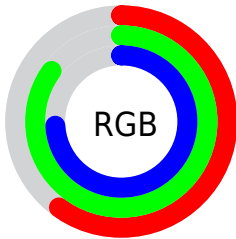
Format	Color
RYB	153, 194, 216
Decimal	10082492
CIELab	81.57, -25.84, 7.42
CIElCh	82, 26.880, 163.975
Yxy	59.5149, 0.2871, 0.3654
Android (android.graphics.Color)	4288272572 (0xFF99D8BC)
YUV	193.9710, -2.9437, -35.9316
Hunter-Lab	77.1459, -26.7893, 10.5030

Details

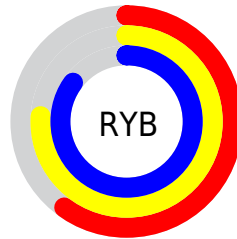
The YUV color **193.9710, -2.9437, -35.9316** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **175.0290, 2.9437, 35.9316**, and the grayscale version is **194.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **239.9920, 1.9759, -27.1800**, and **139.7970, -2.3649, -34.9020** is the 20% darker color. If you saturate the color by 10%, you get **186.2530, -4.0687, -48.4569**, and if you desaturate by 10%, it is **201.6890, -1.8187, -23.4063**.

Distribution



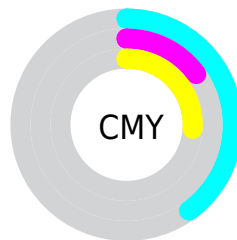
- Red (60%)
- Green (85%)
- Blue (74%)



- Red (60%)
- Yellow (76%)
- Blue (85%)



- Cyan (29%)
- Magenta (0%)
- Yellow (13%)
- Black (15%)



- Cyan (40%)
- Magenta (15%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the YUV color 193.9710, -2.9437, -35.9316 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 193.9710, -2.9437, -35.9316 by changing the saturation by 10% instead.

■ 193.9710, -2.9437,
-35.9316

■ 193.9710, -2.9437,
-35.9316

255.0000, 0.0000,
0.0000

■ 166.3840, -2.6543,
-35.4168

■ 239.9920, 1.9759,
-27.1800

■ 139.7970, -2.3649,
-34.9020

■ 249.6180, 2.6533,
-11.0660

■ 113.7970, -2.3649,
-34.9020

■ 88.3240, -1.6387,
-34.4871

■ 62.6550, -0.3229,
-36.5314

■ 40.3670, -0.1809,
-35.4019

■ 25.1730, -2.5503,

-22.0767

■ 6.4570, -3.1833,
-5.6628

■ 0.0000, 0.0000,
0.0000

■ 193.9710, -2.9437,
-35.9316

■ 193.9710, -2.9437,
-35.9316

■ 186.2530, -4.0687,
-48.4569

■ 201.6890, -1.8187,
-23.4063

■ 178.9480, -4.9044,
-60.4674

■ 208.9940, -0.9830,
-11.3957

■ 171.2300, -6.0294,
-72.9927

■ 216.7120, 0.1420,
1.1296

■ 163.9250, -6.8650,
-85.0032

■ 224.0170, 0.9776,
13.1401

■ 156.2070, -7.9901,
-97.5285

■ 229.9410, 2.9871,
21.9767

■ 148.4890, -9.1151,
-110.0539

■ 231.0810, 7.3551,
20.9770

■ 141.1840, -9.9507,
-122.0644

■ 232.1070, 11.2862,
20.0772

■ 140.4720,
-10.0927, -123.1939

Harmonies

Analogous

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



197.4870, -15.5231, -14.4591



193.9710, -2.9437, -35.9316



191.5420, 11.0718, -51.3413

Triad

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



193.9710, -2.9437, -35.9316



203.1120, 23.6088, -12.3762



204.9590, -17.7278, 39.5010

Complementary

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



193.9710, -2.9437, -35.9316



175.0290, 2.9437, 35.9316

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.



206.4290, -7.1135, 41.7198



193.9710, -2.9437, -35.9316



206.0290, 16.2547, 13.1296

Square

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



193.9710, -2.9437, -35.9316



197.5280, 25.8687, -37.2971



207.1750, 4.8437, 33.1725



202.6880, -23.5102, 27.4606

Rectangle

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



193.9710, -2.9437, -35.9316



191.8820, 18.7922, -54.2705



207.1750, 4.8437, 33.1725



205.4800, -14.5336, 41.6750

Sweetspot

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



193.9710, -2.9437, -35.9316



246.9830, -0.9776, -13.1401



198.3530, -22.3590, -15.2186



122.7170, -0.8465, -8.5218



0.0000, 0.0000, 0.0000



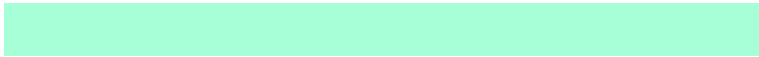
128.0000, 0.0000, 0.0000

Same Dimension

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



193.9710, -2.9437, -35.9316



223.8290, -4.3527, -50.7160



195.4020, 10.1548, -37.1866



103.1410, -0.5625, -6.2627



111.2070, -7.9901, -97.5285



27.9770, -1.9607, -24.5358

Inverse Universe

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



175.0290, 2.9437, 35.9316



197.0570, 3.9159, 50.8160



173.5980, -10.1548, 37.1866



99.8590, 0.5625, 6.2627



59.7930, 7.9901, 97.5285



15.0230, 1.9607, 24.5358

Previews

White Background



This preview shows how the YUV color 193.9710, -2.9437, -35.9316 looks on a white background.

Color Contrast Check

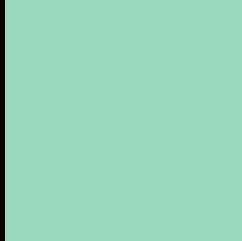
Large Text (above 18pt) WCAG AA × Fail

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 193.9710, -2.9437, -35.9316 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

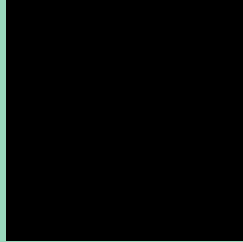
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 193.9710, -2.9437, -35.9316

Background



This preview shows how black text looks on a background with the YUV color 193.9710, -2.9437, -35.9316.



This preview shows how white text looks on a background with the YUV color 193.9710, -2.9437, -35.9316.

-35.9316.

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

193.9710, -2.9437, -35.9316

Protanopia

201.5960, -10.6468, 8.2473

Deuteranopia

203.6280, -5.7326, 18.7432



Tritanopia

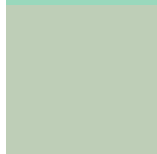
197.2870, 14.6485, -31.8237

Trichromacy



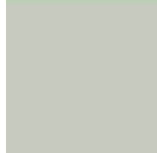
Original Color

193.9710, -2.9437, -35.9316



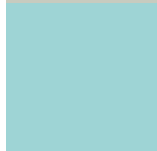
Protanomaly

198.5940, -7.6878, -7.5369



Deuteranomaly

200.4360, -4.6519, -1.2594



Tritanomaly

195.9680, 8.3968, -33.2979

Monochromacy



Original Color

193.9710, -2.9437, -35.9316



Achromatopsia

194.0000, 0.0000, 0.0000



Achromatomaly

193.9830, -0.9776, -13.1401

CSS Examples

Text

The CSS property to change the color of the text to YUV 193.9710, -2.9437, -35.9316 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, 216, 188)` looks like.

```
.text, #text, p{  
    color:rgb(153, 216, 188)  
}
```

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, 216, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 216, 188) }
```

Border

The CSS property to change the border of an element to YUV 193.9710, -2.9437, -35.9316 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, 216, 188) }
```


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

```
.border{ border-color:rgb(153, 216, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 216, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(153, 216, 188); -webkit-box-shadow:4px 4px 4px 4px rgb(153, 216, 188); box-shadow:4px 4px 4px 4px rgb(153, 216, 188) }
```

Background

The CSS property to change the background color of an element to YUV 193.9710, -2.9437, -35.9316 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 216, 188) }
```

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

```
.background{ background-color: rgb(153,  
216, 188) }
```

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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