

Converting Colors

YUV(193.7770, -8.7641,
-35.7614)

Have a look what the booklet for
YUV(193.7770, -8.7641, -35.7614)
contains.

YUV(193.7770, -8.7641, -35.7614)	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(193.7770, -8.7641,
-35.7614)**

Conversions

Conversions Part 1

Format	Color
Hex	99DAB0
RGB	153, 218, 176
RGB Percent	60%, 85%, 69%
CMY	0.4000, 0.1451, 0.3098
CMYK	0.30, 0.00, 0.19, 0.15
HSL	141°, 47%, 73%
HSV	141°, 30%, 85%
XYZ	46.0447, 60.0497, 50.2382
YIQ	193.7770, -25.2580, -26.8420

Conversions

Conversions Part 2

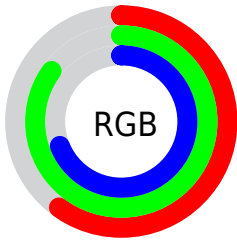
Format	Color
RYB	153, 201, 218
Decimal	10082992
CIELab	81.87, -29.14, 14.19
CIELCh	82, 32.412, 154.040
Yxy	60.0497, 0.2945, 0.3841
Android (android.graphics.Color)	4288273072 (0xFF99DAB0)
YUV	193.7770, -8.7641, -35.7614
Hunter-Lab	77.4917, -29.5478, 15.8063

Details

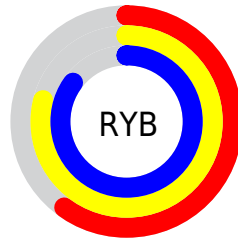
The YUV color **193.7770, -8.7641, -35.7614** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **177.2230, 8.7641, 35.7614**, and the grayscale version is **194.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **238.6240, -3.2656, -25.9802**, and **139.6030, -8.1853, -34.7318** is the 20% darker color. If you saturate the color by 10%, you get **185.6030, -11.6363, -47.8868**, and if you desaturate by 10%, it is **201.9510, -5.8918, -23.6360**.

Distribution



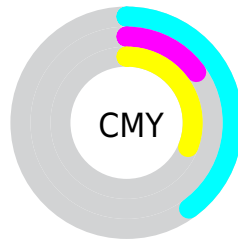
- Red (60%)
- Green (85%)
- Blue (69%)



- Red (60%)
- Yellow (79%)
- Blue (85%)



- Cyan (30%)
- Magenta (0%)
- Yellow (19%)
- Black (15%)



- Cyan (40%)
- Magenta (15%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the YUV color 193.7770, -8.7641, -35.7614 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 193.7770, -8.7641, -35.7614 by changing the saturation by 10% instead.


 193.7770, -8.7641,
-35.7614


 193.7770, -8.7641,
-35.7614


255.0000, 0.0000,
0.0000


 166.1900, -8.4747,
-35.2466


 238.6240, -3.2656,
-25.9802


 139.6030, -8.1853,
-34.7318

 249.6180, 2.6533,
-11.0660

 113.1300, -7.4591,
-34.3170

 87.9450, -6.8749,
-35.0318

 62.6890, -5.2697,
-36.5613

 39.8140, -4.8383,
-34.9169

 24.2780, -8.5181,

-21.2918

■ 7.6310, -3.7621,
-6.6924

■ 0.0000, 0.0000,
0.0000

■ 193.7770, -8.7641,
-35.7614

■ 193.7770, -8.7641,
-35.7614

■ 185.6030,
-11.6363, -47.8868

■ 201.9510, -5.8918,
-23.6360

■ 177.4290,
-14.5085, -60.0122

■ 210.1250, -3.0196,
-11.5106

■ 169.5540,
-17.5281, -71.5229

■ 218.0000, 0.0000,
0.0000

■ 161.3800,
-20.4003, -83.6483

■ 226.1740, 2.8722,
12.1254

■ 153.2060,
-23.2726, -95.7737

■ 232.2550, 6.7763,
19.9474

■ 144.9180,
-26.5816, -107.7991

■ 233.2810, 10.7075,
19.0476

■ 136.7440,
-29.4538, -119.9245

Harmonies

Analogous

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



197.9840, -22.6701, -8.7560



193.7770, -8.7641, -35.7614



189.2160, 8.7675, -58.9484

Triad

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



193.7770, -8.7641, -35.7614



200.5340, 26.8517, -25.9013



203.7470, -16.1443, 44.9489

Complementary

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



193.7770, -8.7641, -35.7614



177.2230, 8.7641, 35.7614

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.



205.2920, -2.6090, 43.5939



193.7770, -8.7641, -35.7614



206.5210, 23.4071, 5.6821

Square

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



193.7770, -8.7641, -35.7614



193.2590, 30.4383, -56.3551



208.4830, 11.1009, 32.9024



204.5430, -26.8897, 38.1118

Rectangle

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



193.7770, -8.7641, -35.7614



187.9080, 19.2724, -68.3253



208.4830, 11.1009, 32.9024



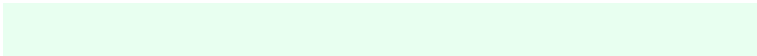
203.5990, -11.6343, 45.0787

Sweetspot

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



193.7770, -8.7641, -35.7614



246.4130, -3.1616, -12.6402



203.7130, -25.0015, -7.6413



122.3750, -2.1569, -8.2219



0.0000, 0.0000, 0.0000



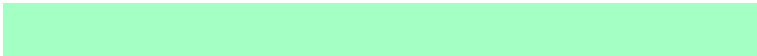
128.0000, 0.0000, 0.0000

Same Dimension

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



193.7770, -8.7641, -35.7614



220.7660, -12.2096, -50.6608



197.4250, 5.2135, -38.9607



105.9130, -1.4361, -6.0627



108.5050, -23.4200, -95.1589



28.8260, -6.3232, -25.2804

Inverse Universe

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



177.2230, 8.7641, 35.7614



197.3480, 12.6464, 50.5608



173.5750, -5.2135, 38.9607



103.0870, 1.4361, 6.0627



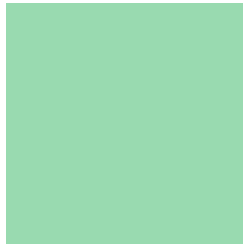
64.4950, 23.4200, 95.1589



17.1740, 6.3232, 25.2804

Previews

White Background



This preview shows how the YUV color 193.7770, -8.7641, -35.7614 looks on a white background.

Color Contrast Check

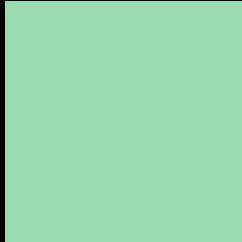
Large Text (above 18pt) WCAG AA × Fail

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 193.7770, -8.7641, -35.7614 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

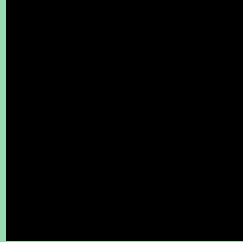
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 193.7770, -8.7641, -35.7614

Background



This preview shows how black text looks on a background with the YUV color 193.7770, -8.7641, -35.7614.



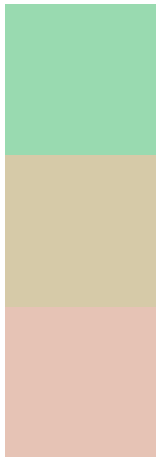
This preview shows how white text looks on a background with the YUV color 193.7770, -8.7641, -35.7614.

-35.7614.

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

193.7770, -8.7641, -35.7614

Protanopia

201.7120, -16.6200, 10.7766

Deuteranopia

203.8690, -11.2744, 22.9169



Tritanopia

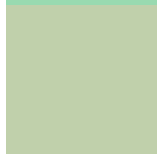
198.5860, 14.5011, -31.2089

Trichromacy



Original Color

193.7770, -8.7641, -35.7614



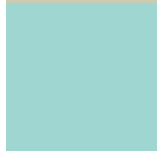
Protanomaly

198.9980, -13.8030, -6.1372



Deuteranomaly

199.9650, -10.3357, 1.7847



Tritanomaly

196.9850, 5.9234, -33.3128

Monochromacy



Original Color

193.7770, -8.7641, -35.7614



Achromatopsia

194.0000, 0.0000, 0.0000



Achromatomaly

194.0000, -3.4510, -13.1550

CSS Examples

Text

The CSS property to change the color of the text to YUV 193.7770, -8.7641, -35.7614 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, 218, 176)` looks like.

```
.text, #text, p{  
    color:rgb(153, 218, 176)  
}
```

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, 218, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 218, 176) }
```

Border

The CSS property to change the border of an element to YUV 193.7770, -8.7641, -35.7614 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, 218, 176) }
```


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

```
.border{ border-color:rgb(153, 218, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 218, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 218, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 218, 176);  
box-shadow:4px 4px 4px 4px rgb(153, 218,  
176) }
```

Background

The CSS property to change the background color of an element to YUV 193.7770, -8.7641, -35.7614 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 218, 176) }
```

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

```
.background{ background-color: rgb(153,  
218, 176) }
```

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