

Converting Colors

YIQ(194.9850, -49.5110,
-33.3430)

Have a look what the booklet for
YIQ(194.9850, -49.5110, -33.3430)
contains.

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Color

**YIQ(194.9850, -49.5110,
-33.3430)**

Conversions

Conversions Part 1

Format	Color
Hex	7FE6C1
RGB	127, 230, 193
RGB Percent	50%, 90%, 76%
CMY	0.5022, 0.0979, 0.2433
CMYK	0.45, 0.00, 0.16, 0.10
HSL	158°, 67%, 70%
HSV	158°, 45%, 90%
XYZ	46.6719, 64.9728, 60.5082
YIQ	194.9850, -49.5110, -33.3430

Conversions

Conversions Part 2

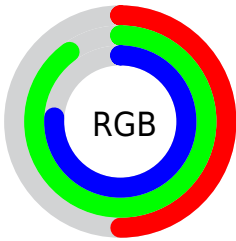
Format	Color
RYB	127, 190, 230
Decimal	8382145
CIELab	84.47, -38.59, 8.79
CIELCh	84, 39.583, 167.164
Yxy	64.9728, 0.2711, 0.3774
Android (android.graphics.Color)	4286572225 (0xFF7FE6C1)
YUV	194.9850, -0.9786, -59.6228
Hunter-Lab	80.6057, -37.7058, 11.9168

Details

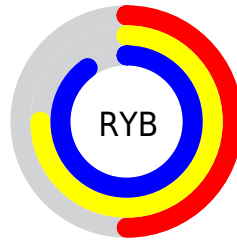
The YIQ color **194.9850, -49.5110, -33.3430** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **162.0150, 49.5110, 33.3430**, and the grayscale version is **195.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **233.0870, -40.3900, -16.9180**, and **138.6150, -51.3450, -33.1450** is the 20% darker color. If you saturate the color by 10%, you get **187.1960, -60.6510, -40.7070**, and if you desaturate by 10%, it is **202.7740, -38.3710, -25.9790**.

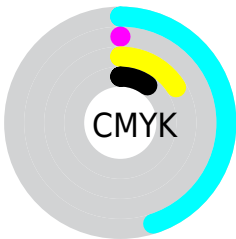
Distribution



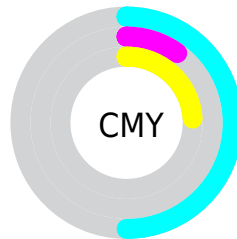
- Red (50%)
- Green (90%)
- Blue (76%)



- Red (50%)
- Yellow (75%)
- Blue (90%)



- Cyan (45%)
- Magenta (0%)
- Yellow (16%)
- Black (10%)



- Cyan (50%)
- Magenta (10%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 194.9850, -49.5110, -33.3430 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 YIQ color 194.9850, -49.5110, -33.3430 by changing the saturation by 10% instead.

■ 194.9850,
-49.5110, -33.3430

■ 194.9850,
-49.5110, -33.3430

■ 255.0000, -0.0000,
-0.0000

■ 166.8000,
-50.4280, -33.2440

■ 233.0870,
-40.3900, -16.9180

■ 138.6150,
-51.3450, -33.1450

■ 242.4420,
-25.0320, -8.9040

■ 110.0490,
-55.5630, -33.7950

■ 251.4120, -7.1520,
-2.5440

■ 81.1730, -61.8440,
-35.6040

■ 63.2890, -47.3110,
-29.1590

■ 46.6930, -33.6490,
-23.4490

■ 30.2110, -20.3080,

-17.4280

■ 14.0880, -6.6000,
-12.5520

■ 0.0000, 0.0000,
0.0000

■ 194.9850,
-49.5110, -33.3430

■ 194.9850,
-49.5110, -33.3430

■ 187.1960,
-60.6510, -40.7070

■ 202.7740,
-38.3710, -25.9790

■ 179.2930,
-71.4700, -48.3820

■ 210.6770,
-27.5520, -18.3040

■ 171.5040,
-82.6100, -55.7460

■ 218.4660,
-16.4120, -10.9400

■ 163.7150,
-93.7500, -63.1100

■ 226.2550, -5.2720,
-3.5760

■ 155.9260,
-104.8900, -70.4740

■ 234.0440, 5.8680,
3.7880

■ 151.7680,
-110.4370, -74.5730

■ 238.9570, 10.7270,
9.3430

■ 239.8690, 8.1590,
11.8310

■ 240.3250, 6.8750,
13.0750

Harmonies

Analogous

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



201.6290, -10.4020, -31.7620



194.9850, -49.5110, -33.3430



187.7590, -86.7410, -30.4290

Triad

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



194.9850, -49.5110, -33.3430



208.2860, -23.7520, 11.9600



206.3740, 48.7370, 3.3050

Complementary

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



194.9850, -49.5110, -33.3430



162.0150, 49.5110, 33.3430

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.



205.4400, 40.3440, 17.7520



194.9850, -49.5110, -33.3430



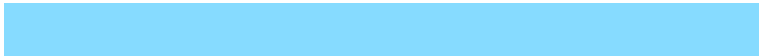
215.3060, 9.0270, 29.1470

Square

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



194.9850, -49.5110, -33.3430



197.6890, -62.2160, -6.8240



210.2450, 28.1920, 28.7360



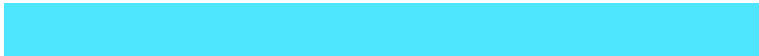
209.9420, 49.4730, -10.0390

Rectangle

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



194.9850, -49.5110, -33.3430



186.8150, -98.3420, -23.9260



210.2450, 28.1920, 28.7360



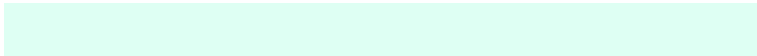
205.0520, 46.9480, 8.1960

Sweetspot

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



194.9850, -49.5110, -33.3430



243.7650, -15.8160, -10.7280



198.8230, -5.6770, -45.8130



120.8090, -9.9480, -6.9400



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.



194.9850, -49.5110, -33.3430



208.0380, -66.1980, -44.8060



190.9850, -57.5380, -14.5140



110.9560, -5.8680, -3.7880



118.0690, -85.8190, -58.1630



33.6990, -24.6180, -16.4100

Inverse Universe

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



162.0150, 49.5110, 33.3430



163.9620, 66.1980, 44.8060



166.0150, 57.5380, 14.5140



107.0440, 5.8680, 3.7880



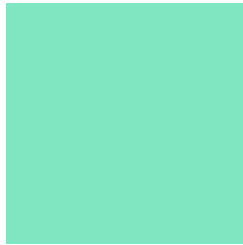
60.8170, 86.1400, 57.8520



17.3010, 24.6180, 16.4100

Previews

White Background



This preview shows how the YIQ color 194.9850, -49.5110, -33.3430 looks on a white background.

Color Contrast Check

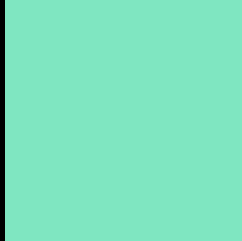
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YIQ color 194.9850, -49.5110, -33.3430 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

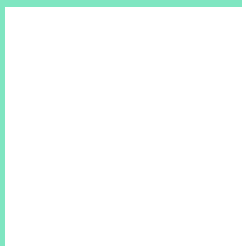
Any Text WCAG AAA ✓ Pass

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

YIQ 194.9850, -49.5110, -33.3430 Background



This preview shows how black text looks on a background with the YIQ color 194.9850, -49.5110, -33.3430.



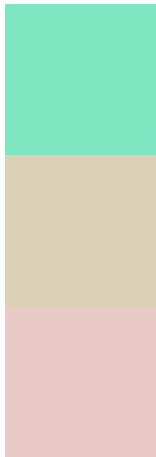
This preview shows how white text looks on a background with the YIQ color 194.9850, -49.5110, -33.3430.

-33.3430.

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

194.9850, -49.5110, -33.3430

Protanopia

209.2110, 15.2230, -6.0650

Deuteranopia

211.2260, 20.0350, 5.8510



Tritanopia

200.2350, -55.2460, -11.9980

Trichromacy



Original Color

194.9850, -49.5110, -33.3430



Protanomaly

204.1970, -8.5250, -16.2130



Deuteranomaly

205.2070, -5.3170, -8.2690



Tritanomaly

198.5630, -53.5940, -19.9140

Monochromacy



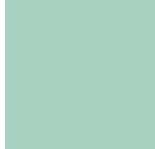
Original Color

194.9850, -49.5110, -33.3430



Achromatopsia

195.0000, -0.0000, 0.0000



Achromatomaly

195.0420, -18.1540, -12.4100

CSS Examples

Text

The CSS property to change the color of the text to YIQ 194.9850, -49.5110, -33.3430 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(127, 230, 193)` looks like.

```
.text, #text, p{  
    color:rgb(127, 230, 193)  
}
```

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(127, 230, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 230, 193) }
```

Border

The CSS property to change the border of an element to YIQ 194.9850, -49.5110, -33.3430 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(127, 230, 193) }
```


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

```
.border{ border-color:rgb(127, 230, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(127, 230, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(127, 230, 193); -webkit-box-shadow:4px 4px 4px 4px rgb(127, 230, 193); box-shadow:4px 4px 4px 4px rgb(127, 230, 193) }
```

Background

The CSS property to change the background color of an element to YIQ 194.9850, -49.5110, -33.3430 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 230, 193) }
```

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

```
.background{ background-color: rgb(127,  
230, 193) }
```

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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