

Converting Colors

YIQ(199.0730, -37.7750,
-25.7670)

Have a look what the booklet for
YIQ(199.0730, -37.7750, -25.7670)
contains.

YIQ(199.0730, -37.7750, -25.7670)	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

**YIQ(199.0730, -37.7750,
-25.7670)**

Conversions

Conversions Part 1

Format	Color
Hex	93E2C5
RGB	147, 226, 197
RGB Percent	58%, 89%, 77%
CMY	0.4237, 0.1136, 0.2276
CMYK	0.35, 0.00, 0.13, 0.11
HSL	158°, 58%, 73%
HSV	158°, 35%, 89%
XYZ	49.3029, 64.6386, 62.6818
YIQ	199.0730, -37.7750, -25.7670

Conversions

Conversions Part 2

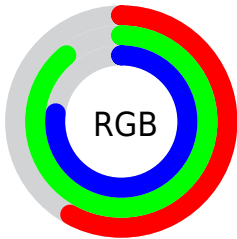
Format	Color
RYB	147, 195, 226
Decimal	9691845
CIELab	84.30, -30.57, 6.55
CIELCh	84, 31.267, 167.907
Yxy	64.6386, 0.2791, 0.3660
Android (android.graphics.Color)	4287881925 (0xFF93E2C5)
YUV	199.0730, -1.0220, -45.6680
Hunter-Lab	80.3982, -31.2345, 10.0538

Details

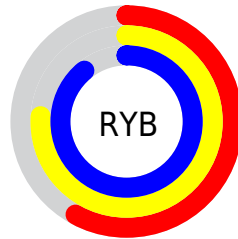
The YIQ color **199.0730, -37.7750, -25.7670** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **173.9270, 37.7750, 25.7670**, and the grayscale version is **199.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **239.3380, -30.6710, -11.3350**, and **143.8990, -37.2250, -24.7210** is the 20% darker color. If you saturate the color by 10%, you get **191.2840, -48.9150, -33.1310**, and if you desaturate by 10%, it is **206.8620, -26.6350, -18.4030**.

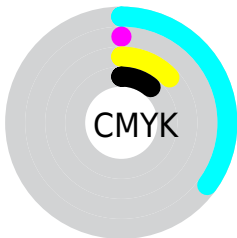
Distribution



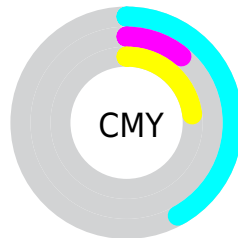
- Red (58%)
- Green (89%)
- Blue (77%)



- Red (58%)
- Yellow (76%)
- Blue (89%)



- Cyan (35%)
- Magenta (0%)
- Yellow (13%)
- Black (11%)



- Cyan (42%)
- Magenta (11%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 199.0730, -37.7750, -25.7670 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 199.0730, -37.7750, -25.7670 by changing the saturation by 10% instead.

■ 199.0730,
-37.7750, -25.7670

■ 199.0730,
-37.7750, -25.7670

■ 255.0000, -0.0000,
-0.0000

■ 171.4860,
-37.5000, -25.2440

■ 239.3380,
-30.6710, -11.3350

■ 143.8990,
-37.2250, -24.7210

■ 248.1230,
-13.7080, -4.8760

■ 117.7140,
-38.1420, -24.6220

■ 90.9310, -40.2510,
-24.9470

■ 62.4570, -47.7240,
-27.1800

■ 45.2740, -33.7870,
-20.9470

■ 29.3790, -20.7210,

-15.4490

■ 14.0880, -6.6000,
-12.5520

■ 0.0000, 0.0000,
0.0000

■ 199.0730,
-37.7750, -25.7670

■ 199.0730,
-37.7750, -25.7670

■ 191.2840,
-48.9150, -33.1310

■ 206.8620,
-26.6350, -18.4030

■ 183.6800,
-59.1380, -40.5940

■ 214.4660,
-16.4120, -10.9400

■ 175.8910,
-70.2780, -47.9580

■ 222.2550, -5.2720,
-3.5760

■ 168.4010,
-80.8220, -55.1100

■ 229.7450, 5.2720,
3.5760

■ 160.4980,
-91.6410, -62.7850

■ 236.1530, 13.1110,
10.1910

■ 152.7090,
-102.7810, -70.1490

■ 237.0650, 10.5430,
12.6790

■ 148.9640,
-108.0530, -73.7250

■ 237.9770, 7.9750,
15.1670

Harmonies

Analogous

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



203.5140, -8.3400, -25.0760



199.0730, -37.7750, -25.7670



196.2030, -61.3880, -21.8360

Triad

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



199.0730, -37.7750, -25.7670



210.0800, -20.1760, 13.2320



209.8620, 44.4270, 4.3230

Complementary

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



199.0730, -37.7750, -25.7670



173.9270, 37.7750, 25.7670

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.



209.3040, 37.7310, 15.5470



199.0730, -37.7750, -25.7670



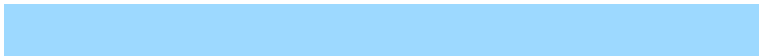
214.7030, 6.2310, 24.7510

Square

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



199.0730, -37.7750, -25.7670



203.3920, -47.9580, -0.9020



213.3110, 27.8260, 24.3540



209.8470, 39.6150, -7.5930

Rectangle

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



199.0730, -37.7750, -25.7670



196.4830, -67.8080, -15.6160



213.3110, 27.8260, 24.3540



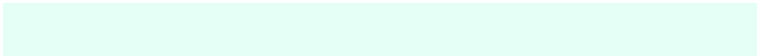
208.8990, 43.0050, 8.0690

Sweetspot

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



199.0730, -37.7750, -25.7670



246.4990, -12.0110, -8.0990



202.3430, -3.8450, -34.9570



122.5320, -7.6100, -5.2580



0.0000, 0.0000, 0.0000



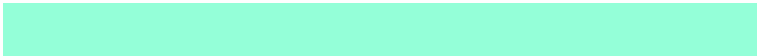
128.0000, -0.0000, -0.0000

Same Dimension

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



199.0730, -37.7750, -25.7670



218.5610, -51.2530, -34.8130



197.0960, -44.6090, -12.0410



108.2550, -5.2720, -3.5760



115.9660, -84.0310, -57.5270



31.7100, -23.1510, -15.4630

Inverse Universe

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



173.9270, 37.7750, 25.7670



184.4390, 51.2530, 34.8130



175.9040, 44.6090, 12.0410



104.7450, 5.2720, 3.5760



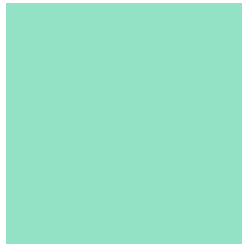
60.0340, 84.0310, 57.5270



16.4040, 22.8300, 15.7740

Previews

White Background



This preview shows how the YIQ color 199.0730, -37.7750, -25.7670 looks on a white background.

Color Contrast Check

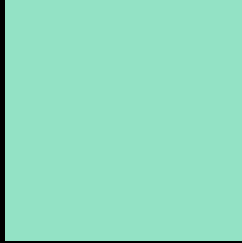
Large Text (above 18pt) WCAG AA × Fail

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 199.0730, -37.7750, -25.7670 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

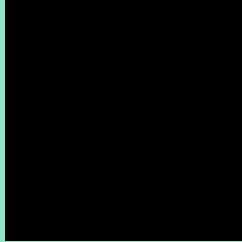
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

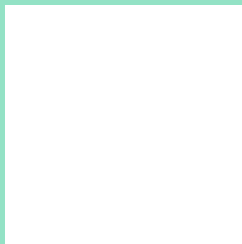
Any Text WCAG AAA ✓ Pass

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

YIQ 199.0730, -37.7750, -25.7670 Background



This preview shows how black text looks on a background with the YIQ color 199.0730, -37.7750, -25.7670.



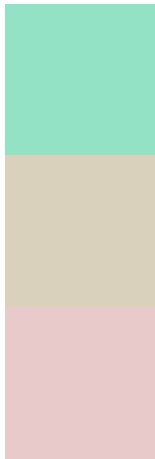
This preview shows how white text looks on a background with the YIQ color 199.0730, -37.7750, -25.7670.

-25.7670.

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

199.0730, -37.7750, -25.7670

Protanopia

209.2970, 12.1050, -4.6230

Deuteranopia

210.9700, 17.8800, 6.3600



Tritanopia

202.9160, -43.9220, -7.9700

Trichromacy



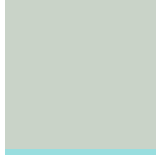
Original Color

199.0730, -37.7750, -25.7670



Protanomaly

205.3870, -6.0040, -12.3400



Deuteranomaly

206.7560, -2.4290, -5.5410



Tritanomaly

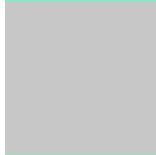
201.4830, -41.4450, -14.3170

Monochromacy



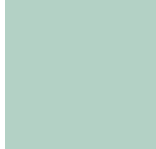
Original Color

199.0730, -37.7750, -25.7670



Achromatopsia

199.0000, -0.0000, 0.0000



Achromatomaly

199.0750, -13.7530, -9.5690

CSS Examples

Text

The CSS property to change the color of the text to YIQ 199.0730, -37.7750, -25.7670 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(147, 226, 197)` looks like.

```
.text, #text, p{  
    color:rgb(147, 226, 197)  
}
```

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(147, 226, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 226, 197) }
```

Border

The CSS property to change the border of an element to YIQ 199.0730, -37.7750, -25.7670 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(147, 226, 197) }
```


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

```
.border{ border-color:rgb(147, 226, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(147, 226, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(147, 226, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(147, 226, 197);  
box-shadow:4px 4px 4px 4px rgb(147, 226,  
197) }
```

Background

The CSS property to change the background color of an element to YIQ 199.0730, -37.7750, -25.7670 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 226, 197) }
```

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

```
.background{ background-color: rgb(147,  
226, 197) }
```

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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