

Converting Colors

YIQ(198.4040, -49.3730,
-35.8450)

Have a look what the booklet for
YIQ(198.4040, -49.3730, -35.8450)
contains.

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Color

**YIQ(198.4040, -49.3730,
-35.8450)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 81EBC0 |
| RGB | 129, 235, 192 |
| RGB Percent | 51%, 92%, 75% |
| CMY | 0.4944, 0.0782, 0.2472 |
| CMYK | 0.45, 0.00, 0.18, 0.08 |
| HSL | 156°, 73%, 71% |
| HSV | 156°, 45%, 92% |
| XYZ | 48.2733, 67.9076, 60.4083 |
| YIQ | 198.4040, -49.3730, -35.8450 |

Conversions

Conversions Part 2

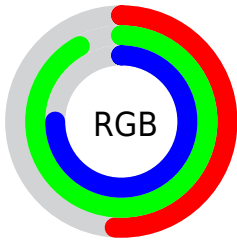
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 129, 195, 235 |
| Decimal | 8514496 |
| CIELab | 85.96, -40.56, 11.45 |
| CIElCh | 86, 42.143, 164.230 |
| Yxy | 67.9076, 0.2734, 0.3846 |
| Android (android.graphics.Color) | 4286704576 (0xFF81EBC0) |
| YUV | 198.4040, -3.1572, -60.8673 |
| Hunter-Lab | 82.4061, -39.6456, 14.2213 |

Details

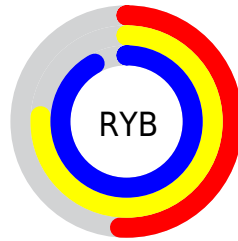
The YIQ color **198.4040, -49.3730, -35.8450** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **165.5960, 49.3730, 35.8450**, and the grayscale version is **198.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **233.5710, -38.8770, -16.8050**, and **142.1480, -51.5280, -35.3360** is the 20% darker color. If you saturate the color by 10%, you get **190.0880, -60.4670, -44.0430**, and if you desaturate by 10%, it is **206.4210, -38.8750, -27.8590**.

Distribution



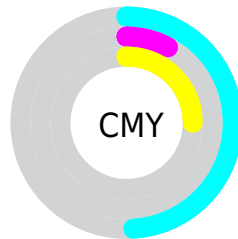
- Red (51%)
- Green (92%)
- Blue (75%)



- Red (51%)
- Yellow (76%)
- Blue (92%)



- Cyan (45%)
- Magenta (0%)
- Yellow (18%)
- Black (8%)



- Cyan (49%)
- Magenta (8%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 198.4040, -49.3730, -35.8450 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 198.4040, -49.3730, -35.8450 by changing the saturation by 10% instead.

■ 198.4040,
-49.3730, -35.8450

■ 198.4040,
-49.3730, -35.8450

■ 255.0000, -0.0000,
-0.0000

■ 170.2190,
-50.2900, -35.7460

■ 233.5710,
-38.8770, -16.8050

■ 142.0340,
-51.2070, -35.6470

■ 243.3390,
-23.2440, -8.2680

■ 112.8810,
-55.1500, -35.7740

■ 252.0100, -5.9600,
-2.1200

■ 83.4070, -62.6230,
-38.0070

■ 65.5230, -48.0900,
-31.5620

■ 48.9270, -34.4280,
-25.8520

■ 32.4450, -21.0870,

-19.8310

■ 17.0230, -7.9750,
-15.1670

■ 0.0000, 0.0000,
0.0000

■ 198.4040,
-49.3730, -35.8450

■ 198.4040,
-49.3730, -35.8450

■ 190.0880,
-60.4670, -44.0430

■ 206.4210,
-38.8750, -27.8590

■ 182.1850,
-71.2860, -51.7180

■ 214.6230,
-27.4600, -19.9720

■ 173.8690,
-82.3800, -59.9160

■ 222.6400,
-16.9620, -11.9860

■ 165.9660,
-93.1990, -67.5910

■ 230.8420, -5.5470,
-4.0990

■ 157.6500,
-104.2930, -75.7890

■ 238.8590, 4.9510,
3.8870

■ 153.9050,
-109.5650, -79.3650

■ 242.5760, 7.4260,
8.5940

■ 243.2600, 5.5000,
10.4600

Harmonies

Analogous

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



205.4290, -6.9630, -33.5150



198.4040, -49.3730, -35.8450



189.6010, -92.2880, -34.5280

Triad

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



198.4040, -49.3730, -35.8450



210.0250, -27.5110, 8.4970



207.3030, 47.4990, 3.7150

Complementary

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



198.4040, -49.3730, -35.8450



165.5960, 49.3730, 35.8450

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.



207.2980, 37.8680, 18.5720



198.4040, -49.3730, -35.8450



218.2520, 9.1190, 27.4790

Square

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



198.4040, -49.3730, -35.8450



198.2210, -69.8260, -12.0820



213.1460, 24.1570, 30.2770



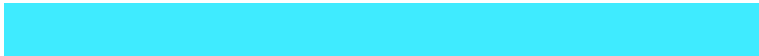
212.3120, 51.3070, -10.2370

Rectangle

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



198.4040, -49.3730, -35.8450



185.8520, -108.9320, -30.2440



213.1460, 24.1570, 30.2770



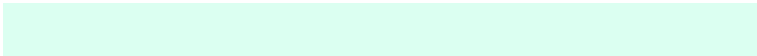
206.7960, 44.7930, 8.7050

Sweetspot

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



198.4040, -49.3730, -35.8450



242.6400, -16.9620, -11.9860



204.3780, -2.9260, -46.1100



120.3960, -10.2230, -7.4630



0.0000, 0.0000, 0.0000



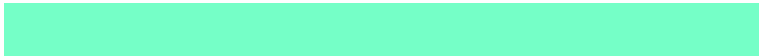
128.0000, -0.0000, -0.0000

Same Dimension

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



198.4040, -49.3730, -35.8450



207.3540, -64.2720, -46.6720



198.0230, -60.7010, -17.7650



113.2550, -5.2720, -3.5760



118.5590, -84.4430, -61.0750



35.3460, -25.1220, -18.2900

Inverse Universe

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



165.5960, 49.3730, 35.8450



164.6460, 64.2720, 46.6720



165.9770, 60.7010, 17.7650



109.7450, 5.2720, 3.5760



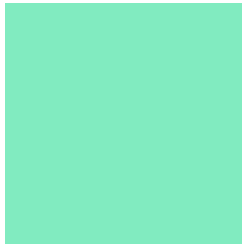
62.5550, 84.1220, 61.3860



18.6540, 25.1220, 18.2900

Previews

White Background



This preview shows how the YIQ color 198.4040, -49.3730, -35.8450 looks on a white background.

Color Contrast Check

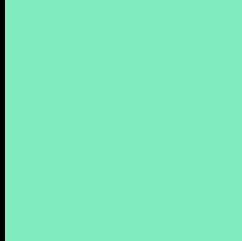
Large Text (above 18pt) WCAG AA × Fail

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 198.4040, -49.3730, -35.8450 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

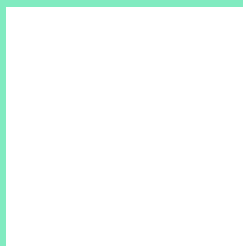
Any Text WCAG AAA ✓ Pass

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

YIQ 198.4040, -49.3730, -35.8450 Background



This preview shows how black text looks on a background with the YIQ color 198.4040, -49.3730, -35.8450.



This preview shows how white text looks on a background with the YIQ color 198.4040, -49.3730, -35.8450.

-35.8450.

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**

198.4040, -49.3730, -35.8450

Protanopia

212.9400, 17.4240, -7.4080

Deuteranopia

215.2540, 22.8320, 4.7200



Tritanopia

204.6370, -56.4380, -12.4220

Trichromacy



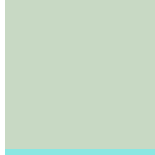
Original Color

198.4040, -49.3730, -35.8450



Protanomaly

207.6270, -6.9200, -17.7680



Deuteranomaly

209.5230, -3.3910, -10.1350



Tritanomaly

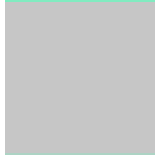
202.6230, -53.8230, -21.2710

Monochromacy



Original Color

198.4040, -49.3730, -35.8450



Achromatopsia

198.0000, -0.0000, 0.0000



Achromatomaly

197.9280, -17.8330, -12.7210

CSS Examples

Text

The CSS property to change the color of the text to YIQ 198.4040, -49.3730, -35.8450 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(129, 235, 192)` looks like.

```
.text, #text, p{  
    color:rgb(129, 235, 192)  
}
```

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(129, 235, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(129, 235, 192) }
```

Border

The CSS property to change the border of an element to YIQ 198.4040, -49.3730, -35.8450 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(129, 235, 192) }
```


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

```
.border{ border-color:rgb(129, 235, 192) }
```

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

Here you see how a box with a 4 pixel rgb(129, 235, 192) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(129, 235, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(129, 235, 192);  
box-shadow:4px 4px 4px 4px rgb(129, 235,  
192) }
```

Background

The CSS property to change the background color of an element to YIQ 198.4040, -49.3730, -35.8450 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(129, 235, 192) }
```

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

```
.background{ background-color: rgb(129,  
235, 192) }
```

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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