

Converting Colors

YIQ(198.5730, -50.3860,
-11.9700)

Have a look what the booklet for
YIQ(198.5730, -50.3860, -11.9700)
contains.

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Color

**YIQ(198.5730, -50.3860,
-11.9700)**

Conversions

Conversions Part 1

Format	Color
Hex	8FDCEA
RGB	143, 220, 234
RGB Percent	56%, 86%, 92%
CMY	0.4394, 0.1371, 0.0826
CMYK	0.39, 0.06, 0.00, 0.08
HSL	189°, 68%, 74%
HSV	189°, 39%, 92%
XYZ	51.7653, 62.9765, 87.2288
YIQ	198.5730, -50.3860, -11.9700

Conversions

Conversions Part 2

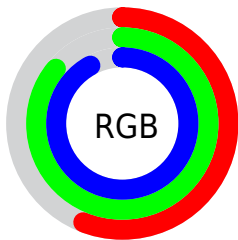
Format	Color
R _Y B	143, 185, 234
Decimal	9428202
CIE Lab	83.43, -20.26, -14.32
CIE LCh	83, 24.806, 215.258
Yxy	62.9765, 0.2563, 0.3118
Android (android.graphics.Color)	4287618282 (0xFF8FDCEA)
YUV	198.5730, 17.4655, -48.7375
Hunter-Lab	79.3577, -22.4400, -9.6202

Details

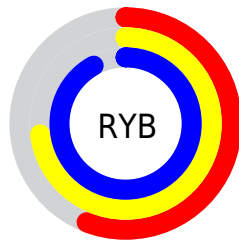
The YIQ color **198.5730, -50.3860, -11.9700** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **178.4270, 50.3860, 11.9700**, and the grayscale version is **198.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **238.5550, -32.7800, -11.6600**, and **143.1600, -50.6610, -12.4930** is the 20% darker color. If you saturate the color by 10%, you get **189.3480, -62.9940, -14.7540**, and if you desaturate by 10%, it is **207.7980, -37.7780, -9.1860**.

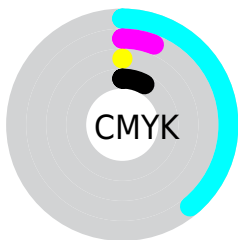
Distribution



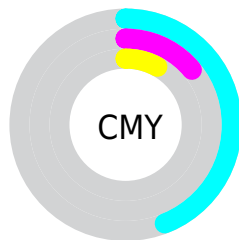
- Red (56%)
- Green (86%)
- Blue (92%)



- Red (56%)
- Yellow (73%)
- Blue (92%)



- Cyan (39%)
- Magenta (6%)
- Yellow (0%)
- Black (8%)



- Cyan (44%)
- Magenta (14%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 198.5730, -50.3860, -11.9700 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 198.5730, -50.3860, -11.9700 by changing the saturation by 10% instead.

■ 198.5730,
-50.3860, -11.9700

■ 198.5730,
-50.3860, -11.9700

■ 255.0000, -0.0000,
-0.0000

■ 170.5730,
-50.3860, -11.9700

■ 238.5550,
-32.7800, -11.6600

■ 143.1600,
-50.6610, -12.4930

■ 247.2260,
-15.4960, -5.5120

■ 115.6760,
-52.1740, -12.6060

■ 87.5720, -57.8130,
-15.0370

■ 63.1700, -56.6210,
-14.6130

■ 46.9330, -42.5920,
-10.0480

■ 30.8100, -28.8840,

-5.1720

■ 16.0890, -16.3680,
-0.7200

■ 0.7980, -2.2470,
2.1770

■ 198.5730,
-50.3860, -11.9700

■ 198.5730,
-50.3860, -11.9700

■ 189.3480,
-62.9940, -14.7540

■ 207.7980,
-37.7780, -9.1860

■ 180.4110,
-76.4730, -18.2730

■ 216.7350,
-24.2990, -5.6670

■ 171.1860,
-89.0810, -21.0570

■ 225.9600,
-11.6910, -2.8830

■ 162.2490,
-102.5600, -24.5760

■ 234.8970, 1.7880,
0.6360

■ 153.0240,
-115.1680, -27.3600

■ 242.6270, 11.4160,
2.3600

■ 144.3860,
-128.0510, -30.6670

■ 244.3880, 10.5910,
0.7910

■ 142.9020,
-129.5640, -30.7800

■ 246.7360, 9.4910,
-1.3010

■ 249.0840, 8.3910,
-3.3930

■ 250.8450, 7.5660,
-4.9620

Harmonies

Analogous

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



198.3320, -39.7020, -18.3740



198.5730, -50.3860, -11.9700



202.2350, -46.0780, -1.9340

Triad

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



198.5730, -50.3860, -11.9700



212.2280, 17.6940, 20.7500



206.5290, 22.8350, -11.8610

Complementary

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



198.5730, -50.3860, -11.9700



178.4270, 50.3860, 11.9700

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.



208.6820, 35.9460, -1.6700



198.5730, -50.3860, -11.9700



211.7320, 33.6500, 17.9220

Square

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



198.5730, -50.3860, -11.9700



210.9140, -4.9090, 17.3870



210.8710, 40.2080, 9.2000



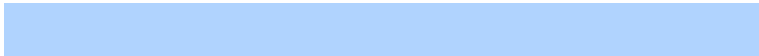
204.0750, 3.4420, -18.3340

Rectangle

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



198.5730, -50.3860, -11.9700



205.4370, -34.6630, 5.9530



210.8710, 40.2080, 9.2000



207.2740, 28.1070, -8.2850

Sweetspot

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



198.5730, -50.3860, -11.9700



242.7960, -17.1010, -3.9570



198.0130, -29.5190, -43.2390



120.8570, -9.9030, -2.2470



0.0000, 0.0000, 0.0000



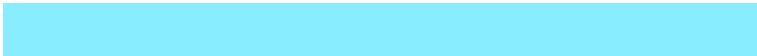
128.0000, -0.0000, -0.0000

Same Dimension

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



198.5730, -50.3860, -11.9700



208.5540, -66.5700, -16.0260



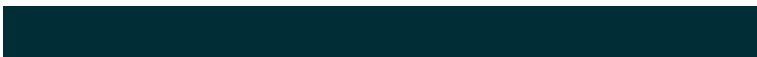
172.1580, -38.0110, 11.5650



113.1240, -6.2810, -1.8090



110.4450, -100.1760, -23.7280



32.5710, -29.7090, -6.7410

Inverse Universe

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



178.9870, 29.5190, 43.2390



182.5080, 38.7780, 57.1620



204.8420, 38.0110, -11.5650



110.4290, 3.3460, 5.4420



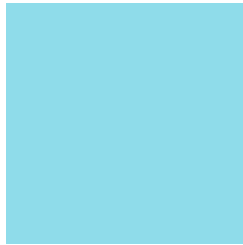
71.5610, 58.7630, 85.9550



21.2760, 17.7390, 25.4430

Previews

White Background



This preview shows how the YIQ color 198.5730, -50.3860, -11.9700 looks on a white background.

Color Contrast Check

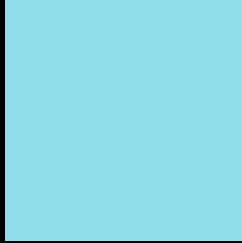
Large Text (above 18pt) WCAG AA × Fail

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 198.5730, -50.3860, -11.9700 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 198.5730, -50.3860, -11.9700 Background



This preview shows how black text looks on a background with the YIQ color 198.5730, -50.3860, -11.9700.



This preview shows how white text looks on a background with the YIQ color 198.5730, -50.3860, -11.9700.

-11.9700.

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

198.5730, -50.3860, -11.9700

Protanopia

207.8670, -6.6950, 5.6970

Deuteranopia

209.0940, -5.5960, 13.3160



Tritanopia

199.2140, -50.7530, -10.8250

Trichromacy



Original Color

198.5730, -50.3860, -11.9700

Protanomaly

204.2670, -22.7410, -0.8610

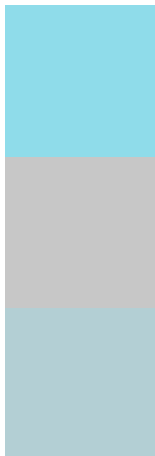
Deuteranomaly

205.6140, -22.1000, 4.0440

Tritanomaly

199.1000, -50.4320, -11.1360

Monochromacy



Original Color

198.5730, -50.3860, -11.9700

Achromatopsia

199.0000, -0.0000, 0.0000

Achromatomaly

199.1980, -18.2930, -4.3810

CSS Examples

Text

The CSS property to change the color of the text to YIQ 198.5730, -50.3860, -11.9700 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(143, 220, 234)` looks like.

```
.text, #text, p{  
    color:rgb(143, 220, 234)  
}
```

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(143, 220, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 220, 234) }
```

Border

The CSS property to change the border of an element to YIQ 198.5730, -50.3860, -11.9700 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(143, 220, 234) }
```


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

```
.border{ border-color:rgb(143, 220, 234) }
```

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

Here you see how a box with a 4 pixel `rgb(143, 220, 234)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 220, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 220, 234);  
box-shadow:4px 4px 4px 4px rgb(143, 220,  
234) }
```

Background

The CSS property to change the background color of an element to YIQ 198.5730, -50.3860, -11.9700 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 220, 234) }
```

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

```
.background{ background-color: rgb(143,  
220, 234) }
```

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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