

Converting Colors

YIQ(198.0640, -50.7510,
-21.8790)

Have a look what the booklet for
YIQ(198.0640, -50.7510, -21.8790)
contains.

YIQ(198.0640, -50.7510, -21.8790)	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(198.0640, -50.7510,
-21.8790)**

Conversions

Conversions Part 1

Format	Color
Hex	88E2D9
RGB	136, 226, 217
RGB Percent	53%, 89%, 85%
CMY	0.4669, 0.1136, 0.1492
CMYK	0.40, 0.00, 0.04, 0.11
HSL	174°, 61%, 71%
HSV	174°, 40%, 89%
XYZ	49.8688, 64.6500, 75.4622
YIQ	198.0640, -50.7510, -21.8790

Conversions

Conversions Part 2

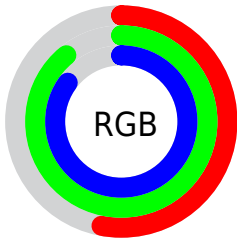
Format	Color
R_{YB}	136, 183, 226
Decimal	8970969
CIE _{Lab}	84.30, -29.07, -4.06
CIE _{LCh}	84, 29.348, 187.943
Yxy	64.6500, 0.2625, 0.3403
Android (android.graphics.Color)	4287161049 (0xFF88E2D9)
YUV	198.0640, 9.3354, -54.4301
Hunter-Lab	80.4052, -30.0001, 0.6386

Details

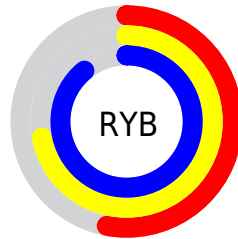
The YIQ color **198.0640, -50.7510, -21.8790** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **163.9360, 50.7510, 21.8790**, and the grayscale version is **198.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **236.4620, -36.9520, -13.1440**, and **141.8790, -51.6680, -21.7800** is the 20% darker color. If you saturate the color by 10%, you get **190.9590, -63.8170, -27.3770**, and if you desaturate by 10%, it is **205.1690, -37.6850, -16.3810**.

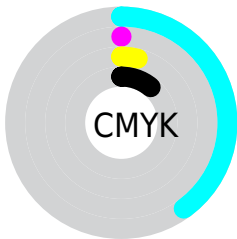
Distribution



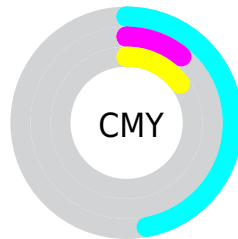
- Red (53%)
- Green (89%)
- Blue (85%)



- Red (53%)
- Yellow (72%)
- Blue (89%)



- Cyan (40%)
- Magenta (0%)
- Yellow (4%)
- Black (11%)



- Cyan (47%)
- Magenta (11%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 198.0640, -50.7510, -21.8790 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 198.0640, -50.7510, -21.8790 by changing the saturation by 10% instead.

■ 198.0640,
-50.7510, -21.8790

■ 198.0640,
-50.7510, -21.8790

■ 255.0000, -0.0000,
-0.0000

■ 170.0640,
-50.7510, -21.8790

■ 236.4620,
-36.9520, -13.1440

■ 141.8790,
-51.6680, -21.7800

■ 245.1330,
-19.6680, -6.9960

■ 114.6830,
-54.0520, -22.6280

■ 254.1030, -1.7880,
-0.6360

■ 83.7140, -64.5050,
-25.9210

■ 64.3950, -53.1810,
-21.8930

■ 47.0980, -38.9230,
-15.9710

■ 31.0890, -25.5360,

-10.7840

■ 16.4820, -13.3410,
-6.0210

■ 0.0000, 0.0000,
0.0000

■ 198.0640,
-50.7510, -21.8790

■ 198.0640,
-50.7510, -21.8790

■ 190.9590,
-63.8170, -27.3770

■ 205.1690,
-37.6850, -16.3810

■ 184.0390,
-75.9660, -32.9740

■ 212.0890,
-25.5360, -10.7840

■ 176.9340,
-89.0320, -38.4720

■ 219.1940,
-12.4700, -5.2860

■ 170.1280,
-101.5020, -43.7580

■ 226.0000, -0.0000,
0.0000

■ 163.0230,
-114.5680, -49.2560

■ 233.1050, 13.0660,
5.4980

■ 155.8040,
-127.3130, -55.0650

■ 235.2410, 15.6790,
7.7030

■ 235.4690, 15.0370,
8.3250

■ 235.6970, 14.3950,
8.9470

■ 235.9250, 13.7530,
9.5690

Harmonies

Analogous

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



201.1730, -26.3130, -24.2410



198.0640, -50.7510, -21.8790



198.0600, -62.1230, -14.0190

Triad

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



198.0640, -50.7510, -21.8790



213.9190, -3.3050, 21.3590



211.2650, 41.4940, -3.0980

Complementary

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



198.0640, -50.7510, -21.8790



163.9360, 50.7510, 21.8790

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.



210.4150, 41.4920, 7.9560



198.0640, -50.7510, -21.8790



215.0870, 22.6450, 24.6370

Square

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



198.0640, -50.7510, -21.8790



208.2530, -28.1530, 9.1190



211.0310, 34.2460, 18.1340



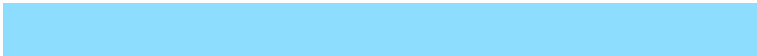
208.2040, 25.1280, -14.8720

Rectangle

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



198.0640, -50.7510, -21.8790



200.9560, -58.5940, -6.3860



211.0310, 34.2460, 18.1340



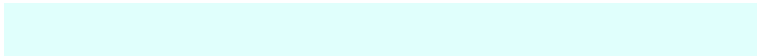
211.7540, 44.6110, 0.9870

Sweetspot

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



198.0640, -50.7510, -21.8790



245.3890, -17.5130, -7.5050



191.8200, -18.7900, -44.9500



122.3900, -10.0860, -4.4380



0.0000, 0.0000, 0.0000



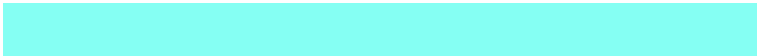
128.0000, -0.0000, -0.0000

Same Dimension

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



198.0640, -50.7510, -21.8790



217.1540, -68.8600, -29.5960



179.1320, -44.2900, -1.2980



108.5970, -6.2350, -2.6430



121.3240, -99.1180, -42.9100



33.1920, -27.3240, -11.4200

Inverse Universe

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



163.9360, 50.7510, 21.8790



170.8460, 68.8600, 29.5960



182.8680, 44.2900, 1.2980



104.4030, 6.2350, 2.6430



54.6760, 99.1180, 42.9100



14.9220, 27.0030, 11.7310

Previews

White Background



This preview shows how the YIQ color 198.0640, -50.7510, -21.8790 looks on a white background.

Color Contrast Check

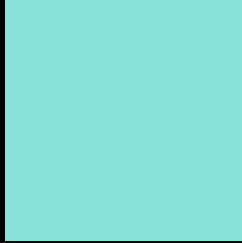
Large Text (above 18pt) WCAG AA × Fail

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 198.0640, -50.7510, -21.8790 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

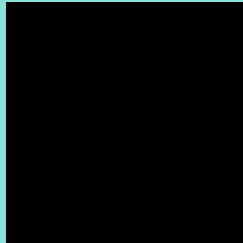
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

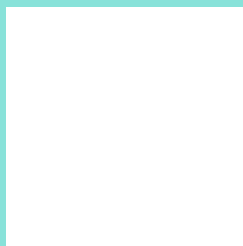
Any Text WCAG AAA ✓ Pass

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

YIQ 198.0640, -50.7510, -21.8790 Background



This preview shows how black text looks on a background with the YIQ color 198.0640, -50.7510, -21.8790.



This preview shows how white text looks on a background with the YIQ color 198.0640, -50.7510, -21.8790.

-21.8790.

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

198.0640, -50.7510, -21.8790

Protanopia

209.3810, 3.3010, 0.7490

Deuteranopia

211.4450, 6.4170, 10.3610



Tritanopia

200.7190, -53.7330, -11.8850

Trichromacy



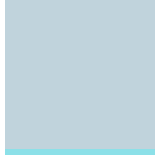
Original Color

198.0640, -50.7510, -21.8790



Protanomaly

205.5740, -16.5960, -7.6040



Deuteranomaly

206.3450, -14.2130, -1.2290



Tritanomaly

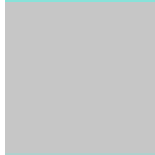
199.7960, -52.6320, -15.3200

Monochromacy



Original Color

198.0640, -50.7510, -21.8790



Achromatopsia

198.0000, -0.0000, 0.0000



Achromatomaly

197.7910, -18.7050, -7.9290

CSS Examples

Text

The CSS property to change the color of the text to YIQ 198.0640, -50.7510, -21.8790 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(136, 226, 217)` looks like.

```
.text, #text, p{  
    color:rgb(136, 226, 217)  
}
```

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(136, 226, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(136, 226, 217) }
```

Border

The CSS property to change the border of an element to YIQ 198.0640, -50.7510, -21.8790 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(136, 226, 217) }
```


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

```
.border{ border-color:rgb(136, 226, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(136, 226, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(136, 226, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(136, 226, 217);  
box-shadow:4px 4px 4px 4px rgb(136, 226,  
217) }
```

Background

The CSS property to change the background color of an element to YIQ 198.0640, -50.7510, -21.8790 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(136, 226, 217) }
```

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

```
.background{ background-color: rgb(136,  
226, 217) }
```

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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