

Converting Colors

YIQ(208.6800, -49.9700,
-30.5300)

Have a look what the booklet for
YIQ(208.6800, -49.9700, -30.5300)
contains.

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Color

**YIQ(208.6800, -49.9700,
-30.5300)**

Conversions

Conversions Part 1

Format	Color
Hex	8EF2D4
RGB	142, 242, 212
RGB Percent	56%, 95%, 83%
CMY	0.4434, 0.0508, 0.1688
CMYK	0.41, 0.00, 0.12, 0.05
HSL	162°, 79%, 75%
HSV	162°, 41%, 95%
XYZ	54.7868, 74.0255, 73.6586
YIQ	208.6800, -49.9700, -30.5300

Conversions

Conversions Part 2

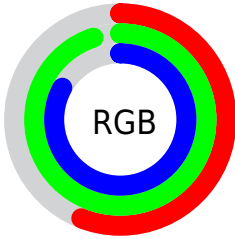
Format	Color
RYB	142, 201, 242
Decimal	9368276
CIELab	88.93, -36.19, 5.35
CIELCh	89, 36.580, 171.588
Yxy	74.0255, 0.2706, 0.3656
Android (android.graphics.Color)	4287558356 (0xFF8EF2D4)
YUV	208.6800, 1.6368, -58.4784
Hunter-Lab	86.0380, -36.9025, 9.4675

Details

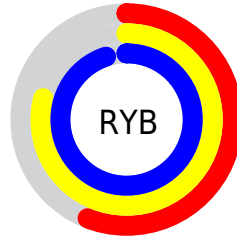
The YIQ color **208.6800, -49.9700, -30.5300** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **175.3200, 49.9700, 30.5300**, and the grayscale version is **209.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **238.2560, -33.3760, -11.8720**, and **151.9080, -50.6120, -29.9080** is the 20% darker color. If you saturate the color by 10%, you get **200.7060, -62.0270, -37.7950**, and if you desaturate by 10%, it is **216.6540, -37.9130, -23.2650**.

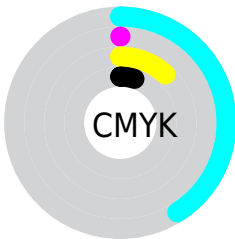
Distribution



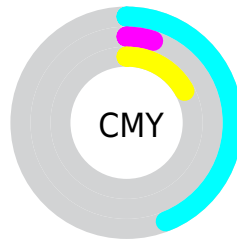
- Red (56%)
- Green (95%)
- Blue (83%)



- Red (56%)
- Yellow (79%)
- Blue (95%)



- Cyan (41%)
- Magenta (0%)
- Yellow (12%)
- Black (5%)





- Cyan (44%)
- Magenta (5%)
- Yellow (17%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 208.6800, -49.9700, -30.5300 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 208.6800, -49.9700, -30.5300 by changing the saturation by 10% instead.


 208.6800,
-49.9700, -30.5300


 208.6800,
-49.9700, -30.5300


255.0000, -0.0000,
-0.0000


 180.0930,
-49.6950, -30.0070


 238.2560,
-33.3760, -11.8720


 151.9080,
-50.6120, -29.9080

 247.2260,
-15.4960, -5.5120

 124.1250,
-52.7210, -30.2330

 94.0530, -61.3860,
-32.8900

 71.5700, -55.4720,
-29.9360

 54.2730, -41.2140,
-24.0140

 37.6770, -27.5520,

-18.3040

■ 23.6570, -15.6320,
-14.0640

■ 0.0000, 0.0000,
0.0000

■ 208.6800,
-49.9700, -30.5300

■ 208.6800,
-49.9700, -30.5300

■ 200.7060,
-62.0270, -37.7950

■ 216.6540,
-37.9130, -23.2650

■ 192.6180,
-73.7630, -45.3710

■ 224.7420,
-26.1770, -15.6890

■ 184.3450,
-86.4160, -52.8480

■ 233.0150,
-13.5240, -8.2120

■ 176.3710,
-98.4730, -60.1130

■ 240.9890, -1.4670,
-0.9470

■ 168.3970,
-110.5300, -67.3780

■ 246.5710, 5.8220,
4.6220

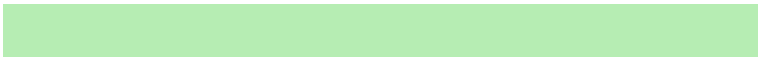
■ 161.3200,
-120.7990, -74.0070

■ 247.3690, 3.5750,
6.7990

Harmonies

Analogous

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



213.9430, -14.1620, -29.6980



208.6800, -49.9700, -30.5300



204.4120, -78.2140, -25.2700

Triad

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



208.6800, -49.9700, -30.5300



221.3210, -13.6650, 10.8710



216.5470, 40.7600, -0.8080

Complementary

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



208.6800, -49.9700, -30.5300



175.3200, 49.9700, 30.5300

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.



215.1570, 33.6510, 12.3950



208.6800, -49.9700, -30.5300



226.2370, 13.4750, 25.6270

Square

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



208.6800, -49.9700, -30.5300



212.8170, -47.9570, -6.4290



219.2610, 22.0950, 23.5910



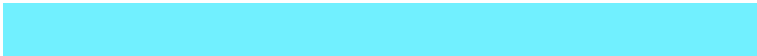
221.8810, 42.2750, -11.7490

Rectangle

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



208.6800, -49.9700, -30.5300



203.7370, -80.5070, -22.2590



219.2610, 22.0950, 23.5910



215.8120, 38.6960, 3.5600

Sweetspot

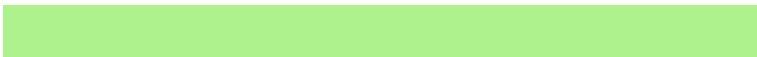
The Sweet Spot groups the original color and five complimentary colors.



208.6800, -49.9700, -30.5300



244.7050, -15.5870, -9.3710



210.2680, -8.4280, -45.5160



121.9340, -8.8020, -5.6820



0.0000, 0.0000, 0.0000



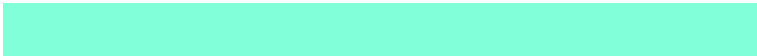
128.0000, -0.0000, -0.0000

Same Dimension

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



208.6800, -49.9700, -30.5300



212.6950, -63.4940, -38.7420



201.5340, -54.6500, -11.7860



115.9560, -5.8680, -3.7880



122.6000, -91.6880, -56.4240



37.3180, -27.9190, -17.1590

Inverse Universe

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



175.3200, 49.9700, 30.5300



170.3050, 63.4940, 38.7420



182.4660, 54.6500, 11.7860



111.9300, 6.1890, 3.4770



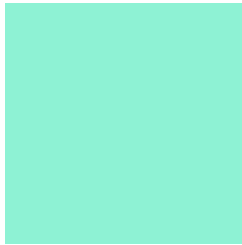
61.2860, 92.0090, 56.1130



18.6820, 27.9190, 17.1590

Previews

White Background



This preview shows how the YIQ color 208.6800, -49.9700, -30.5300 looks on a white background.

Color Contrast Check

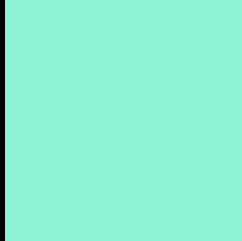
Large Text (above 18pt) WCAG AA × Fail

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 208.6800, -49.9700, -30.5300 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

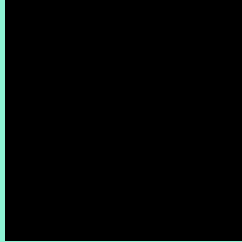
Any Text WCAG AA ✓ Pass

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 208.6800, -49.9700, -30.5300 Background



This preview shows how black text looks on a background with the YIQ color 208.6800, -49.9700, -30.5300.



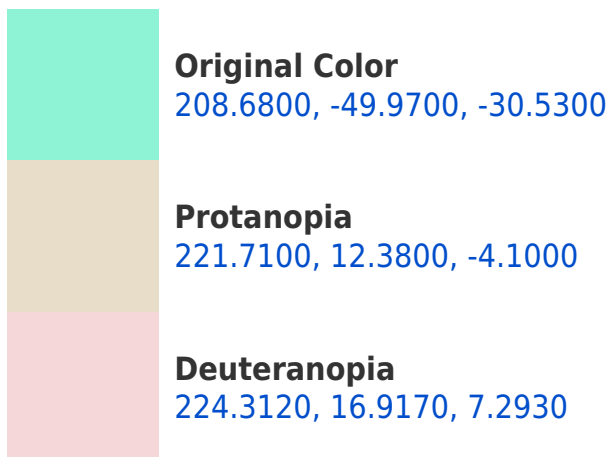
This preview shows how white text looks on a background with the YIQ color 208.6800, -49.9700, -30.5300.

-30.5300.

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





Tritanopia

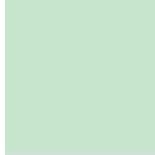
213.3490, -55.5670, -11.6870

Trichromacy



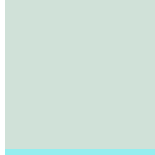
Original Color

208.6800, -49.9700, -30.5300



Protanomaly

217.2940, -10.1760, -13.8240



Deuteranomaly

218.8910, -7.2430, -6.4030



Tritanomaly

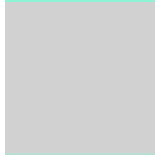
211.5030, -53.3650, -18.5570

Monochromacy



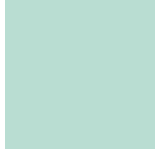
Original Color

208.6800, -49.9700, -30.5300



Achromatopsia

209.0000, 0.0000, 0.0000



Achromatomaly

208.9820, -17.9250, -11.0530

CSS Examples

Text

The CSS property to change the color of the text to YIQ 208.6800, -49.9700, -30.5300 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(142, 242, 212)` looks like.

```
.text, #text, p{  
    color:rgb(142, 242, 212)  
}
```

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(142, 242, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 242, 212) }
```

Border

The CSS property to change the border of an element to YIQ 208.6800, -49.9700, -30.5300 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(142, 242, 212) }
```


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

```
.border{ border-color:rgb(142, 242, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(142, 242, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 242, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 242, 212);  
box-shadow:4px 4px 4px 4px rgb(142, 242,  
212) }
```

Background

The CSS property to change the background color of an element to YIQ 208.6800, -49.9700, -30.5300 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 242, 212) }
```

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

```
.background{ background-color: rgb(142,  
242, 212) }
```

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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