

Converting Colors

YIQ(209.2200, -50.8900,
-13.8500)

Have a look what the booklet for
YIQ(209.2200, -50.8900, -13.8500)
contains.

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Color

**YIQ(209.2200, -50.8900,
-13.8500)**

Conversions

Conversions Part 1

Format	Color
Hex	98E8F2
RGB	152, 232, 242
RGB Percent	60%, 91%, 95%
CMY	0.4041, 0.0900, 0.0512
CMYK	0.37, 0.04, 0.00, 0.05
HSL	187°, 78%, 77%
HSV	187°, 37%, 95%
XYZ	57.8252, 70.8106, 94.5824
YIQ	209.2200, -50.8900, -13.8500

Conversions

Conversions Part 2

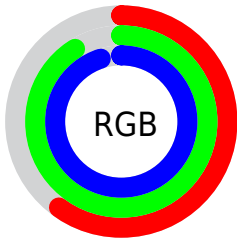
Format	Color
RYB	152, 194, 242
Decimal	10021106
CIELab	87.39, -21.99, -12.57
CIElCh	87, 25.325, 209.749
Yxy	70.8106, 0.2591, 0.3172
Android (android.graphics.Color)	4288211186 (0xFF98E8F2)
YUV	209.2200, 16.1605, -50.1819
Hunter-Lab	84.1491, -24.6000, -7.7368

Details

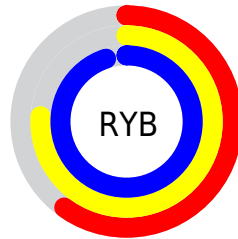
The YIQ color **209.2200, -50.8900, -13.8500** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **184.7800, 50.8900, 13.8500**, and the grayscale version is **209.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **241.2460, -27.4160, -9.7520**, and **153.2200, -50.8900, -13.8500** is the 20% darker color. If you saturate the color by 10%, you get **200.2830, -64.3690, -17.3690**, and if you desaturate by 10%, it is **218.1570, -37.4110, -10.3310**.

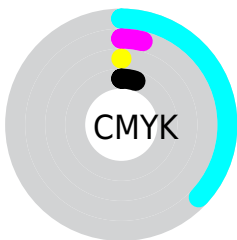
Distribution



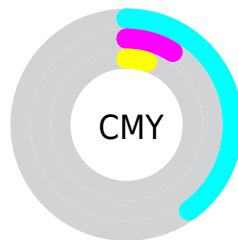
- Red (60%)
- Green (91%)
- Blue (95%)



- Red (60%)
- Yellow (76%)
- Blue (95%)



- Cyan (37%)
- Magenta (4%)
- Yellow (0%)
- Black (5%)



- Cyan (40%)
- Magenta (9%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 209.2200, -50.8900, -13.8500 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 209.2200, -50.8900, -13.8500 by changing the saturation by 10% instead.

209.2200,
-50.8900, -13.8500

209.2200,
-50.8900, -13.8500

255.0000, -0.0000,
-0.0000

181.2200,
-50.8900, -13.8500

241.2460,
-27.4160, -9.7520

153.2200,
-50.8900, -13.8500

250.2160, -9.5360,
-3.3920

125.6220,
-52.0820, -14.2740

97.8280, -55.6580,
-15.5460

69.8380, -61.6180,
-17.6660

52.9000, -46.9930,
-12.8890

36.7770, -33.2850,

-8.0130

■ 22.5290, -20.7230,
-4.3950

■ 2.6390, -6.0530,
5.0750

■ 209.2200,
-50.8900, -13.8500

■ 209.2200,
-50.8900, -13.8500

■ 200.2830,
-64.3690, -17.3690

■ 218.1570,
-37.4110, -10.3310

■ 191.9330,
-78.1230, -21.4110

■ 226.5070,
-23.6570, -6.2890

■ 182.6970,
-92.1980, -25.1420

■ 235.7430, -9.5820,
-2.5580

■ 173.7600,
-105.6770, -28.6610

■ 244.6800, 3.8970,
0.9610

■ 165.4100,
-119.4310, -32.7030

■ 247.6480, 6.9230,
1.1870

■ 156.4730,
-132.9100, -36.2220

■ 249.4090, 6.0980,
-0.3820

■ 153.7930,
-136.8070, -37.1830

■ 251.1700, 5.2730,
-1.9510

■ 252.3440, 4.7230,
-2.9970

■ 253.5180, 4.1730,
-4.0430

Harmonies

Analogous

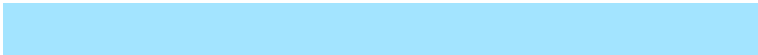
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



209.7620, -38.0970, -19.9290



209.2200, -50.8900, -13.8500



211.6430, -47.4070, -5.3830

Triad

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



209.2200, -50.8900, -13.8500



223.4880, 14.0260, 21.1460



218.0350, 27.2820, -9.8540

Complementary

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



209.2200, -50.8900, -13.8500



184.7800, 50.8900, 13.8500

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.



219.2200, 37.3670, 0.1110



209.2200, -50.8900, -13.8500



219.8990, 25.8100, 16.8340

Square

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



209.2200, -50.8900, -13.8500



220.7780, -7.5220, 15.1820



217.7500, 33.2390, 8.8470



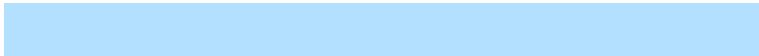
215.3420, 7.0640, -17.8960

Rectangle

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



209.2200, -50.8900, -13.8500



214.3780, -36.1750, 0.3130



217.7500, 33.2390, 8.8470



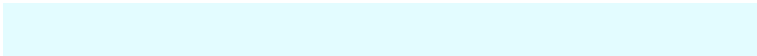
219.0680, 31.6830, -7.0130

Sweetspot

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



209.2200, -50.8900, -13.8500



244.8670, -15.8630, -4.3670



205.8560, -27.6390, -44.2710



121.7430, -9.5820, -2.5580



0.0000, 0.0000, 0.0000



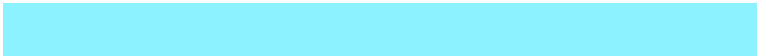
128.0000, -0.0000, -0.0000

Same Dimension

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



209.2200, -50.8900, -13.8500



212.9840, -64.9650, -17.5810



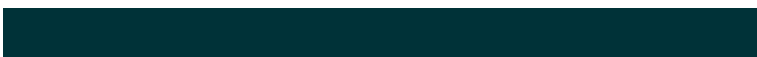
183.3920, -38.7900, 9.1620



115.8250, -6.8770, -2.0210



116.6570, -103.8890, -28.0250



35.7340, -31.7260, -8.7340

Inverse Universe

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



188.0300, 27.9600, 43.9600



186.0130, 35.7980, 56.1020



210.6080, 38.7900, -9.1620



112.8420, 3.6210, 5.9650



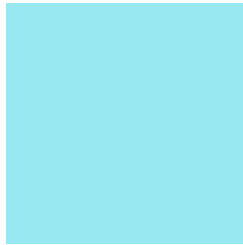
73.5980, 57.3410, 89.7010



22.4440, 17.3260, 27.4220

Previews

White Background



This preview shows how the YIQ color 209.2200, -50.8900, -13.8500 looks on a white background.

Color Contrast Check

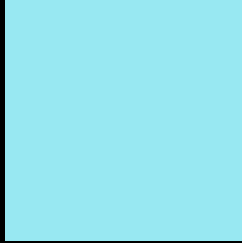
Large Text (above 18pt) WCAG AA × Fail

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 209.2200, -50.8900, -13.8500 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 209.2200, -50.8900, -13.8500 Background



This preview shows how black text looks on a background with the YIQ color 209.2200, -50.8900, -13.8500.



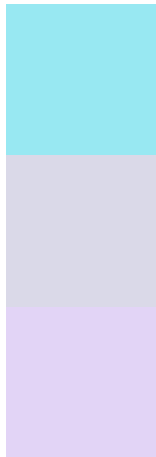
This preview shows how white text looks on a background with the YIQ color 209.2200, -50.8900, -13.8500.

-13.8500.

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

209.2200, -50.8900, -13.8500

Protanopia

219.0090, -4.2190, 4.8770

Deuteranopia

220.0620, -2.5700, 13.5420



Tritanopia

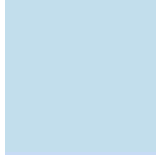
210.0290, -51.6700, -10.7260

Trichromacy



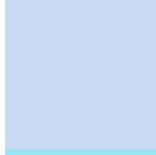
Original Color

209.2200, -50.8900, -13.8500



Protanomaly

215.2240, -21.1820, -1.5820



Deuteranomaly

215.9840, -20.2660, 3.8460



Tritanomaly

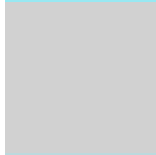
209.3880, -51.3030, -11.8710

Monochromacy



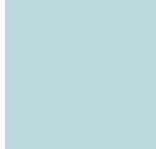
Original Color

209.2200, -50.8900, -13.8500



Achromatopsia

209.0000, 0.0000, 0.0000



Achromatomaly

208.7850, -18.5680, -4.9040

CSS Examples

Text

The CSS property to change the color of the text to YIQ 209.2200, -50.8900, -13.8500 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(152, 232, 242)` looks like.

```
.text, #text, p{  
    color:rgb(152, 232, 242)  
}
```

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(152, 232, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 232, 242) }
```

Border

The CSS property to change the border of an element to YIQ 209.2200, -50.8900, -13.8500 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(152, 232, 242) }
```


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

```
.border{ border-color:rgb(152, 232, 242) }
```

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

Here you see how a box with a 4 pixel rgb(152, 232, 242) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 232, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 232, 242);  
box-shadow:4px 4px 4px 4px rgb(152, 232,  
242) }
```

Background

The CSS property to change the background color of an element to YIQ 209.2200, -50.8900, -13.8500 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 232, 242) }
```

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

```
.background{ background-color: rgb(152,  
232, 242) }
```

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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