

Converting Colors

YIQ(213.9130, -49.0080,
-25.9360)

Have a look what the booklet for
YIQ(213.9130, -49.0080, -25.9360)
contains.

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Color

**YIQ(213.9130, -49.0080,
-25.9360)**

Conversions

Conversions Part 1

Format	Color
Hex	97F4E0
RGB	151, 244, 224
RGB Percent	59%, 96%, 88%
CMY	0.4081, 0.0430, 0.1217
CMYK	0.38, 0.00, 0.08, 0.04
HSL	167°, 81%, 77%
HSV	167°, 38%, 96%
XYZ	58.5622, 76.6778, 82.2023
YIQ	213.9130, -49.0080, -25.9360

Conversions

Conversions Part 2

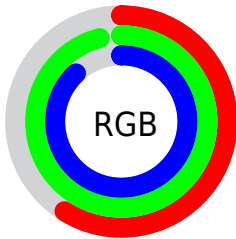
Format	Color
R _Y B	151, 203, 244
Decimal	9958624
CIE Lab	90.17, -32.18, 0.95
CIE LCh	90, 32.192, 178.317
Yxy	76.6778, 0.2693, 0.3526
Android (android.graphics.Color)	4288148704 (0xFF97F4E0)
YUV	213.9130, 4.9729, -55.1747
Hunter-Lab	87.5659, -33.8632, 5.6377

Details

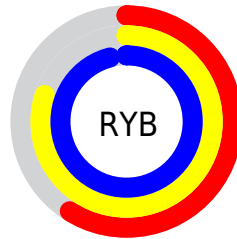
The YIQ color **213.9130, -49.0080, -25.9360** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **181.0870, 49.0080, 25.9360**, and the grayscale version is **214.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **240.9470, -28.0120, -9.9640**, and **157.4400, -49.0540, -25.1020** is the 20% darker color. If you saturate the color by 10%, you get **206.1670, -61.7070, -32.5790**, and if you desaturate by 10%, it is **221.6590, -36.3090, -19.2930**.

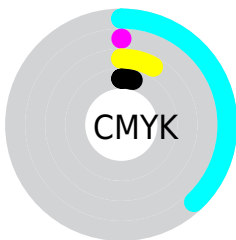
Distribution



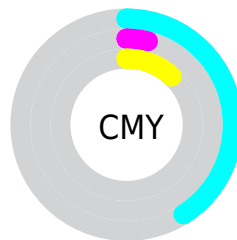
- Red (59%)
- Green (96%)
- Blue (88%)



- Red (59%)
- Yellow (80%)
- Blue (96%)



- Cyan (38%)
- Magenta (0%)
- Yellow (8%)
- Black (4%)



- Cyan (41%)
- Magenta (4%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 213.9130, -49.0080, -25.9360 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 213.9130, -49.0080, -25.9360 by changing the saturation by 10% instead.

213.9130,
-49.0080, -25.9360

213.9130,
-49.0080, -25.9360

255.0000, -0.0000,
-0.0000

185.3260,
-48.7330, -25.4130

240.9470,
-28.0120, -9.9640

157.4400,
-49.0540, -25.1020

249.9170,
-10.1320, -3.6040

129.8420,
-50.2460, -25.5260

102.1620,
-54.1430, -26.4870

73.8840, -59.2320,
-27.8720

56.5870, -44.9740,
-21.9500

39.9910, -31.3120,

-16.2400

■ 25.2700, -18.7960,
-11.7880

■ 0.5870, -0.2750,
-0.5230

■ 213.9130,
-49.0080, -25.9360

■ 213.9130,
-49.0080, -25.9360

■ 206.1670,
-61.7070, -32.5790

■ 221.6590,
-36.3090, -19.2930

■ 198.0080,
-74.6810, -39.7450

■ 229.7040,
-23.0140, -12.4380

■ 190.2620,
-87.3800, -46.3880

■ 237.5640,
-10.6360, -5.4840

■ 182.2170,
-100.6750, -53.2430

■ 245.6090, 2.6590,
1.3710

■ 174.4710,
-113.3740, -59.8860

■ 247.9730, 4.6300,
4.1980

■ 166.6110,
-125.7520, -66.8400

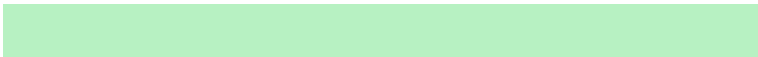
■ 248.5430, 3.0250,
5.7530

■ 165.0020,
-128.4110, -68.2110

Harmonies

Analogous

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



218.3000, -19.4810, -26.9130



213.9130, -49.0080, -25.9360



212.0760, -68.2200, -19.1640

Triad

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



213.9130, -49.0080, -25.9360



226.6810, -5.8710, 12.7930



221.9270, 36.6340, -3.1260

Complementary

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



213.9130, -49.0080, -25.9360



181.0870, 49.0080, 25.9360

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.



219.8530, 31.4510, 8.2110



213.9130, -49.0080, -25.9360



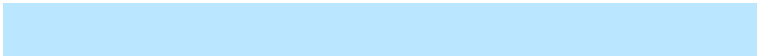
228.5850, 12.3750, 23.5350

Square

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



213.9130, -49.0080, -25.9360



219.6940, -34.2490, -1.5530



222.8000, 21.7750, 18.3750



225.3470, 35.0310, -12.6250

Rectangle

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



213.9130, -49.0080, -25.9360



212.3970, -64.6900, -17.0580



222.8000, 21.7750, 18.3750



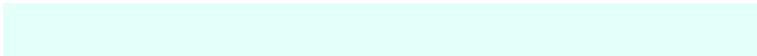
220.8500, 35.5330, 0.3090

Sweetspot

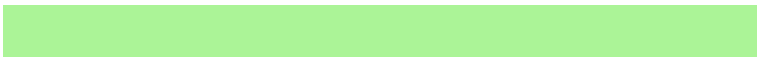
The Sweet Spot groups the original color and five complimentary colors.



213.9130, -49.0080, -25.9360



245.9440, -14.7620, -7.8020



211.5710, -13.6550, -44.3990



122.4610, -8.8480, -4.8480



0.0000, 0.0000, 0.0000



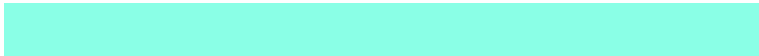
128.0000, -0.0000, -0.0000

Same Dimension

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



213.9130, -49.0080, -25.9360



217.1670, -61.7070, -32.5790



200.9310, -48.2780, -6.1180



118.1840, -6.5100, -3.1660



125.8260, -98.0160, -51.8720



39.8770, -30.9910, -16.5510

Inverse Universe

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



181.0870, 49.0080, 25.9360



175.8330, 61.7070, 32.5790



194.0690, 48.2780, 6.1180



113.9300, 6.1890, 3.4770



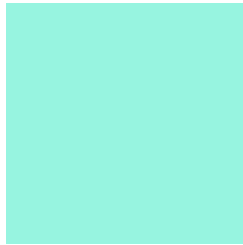
60.1740, 98.0160, 51.8720



19.1230, 30.9910, 16.5510

Previews

White Background



This preview shows how the YIQ color 213.9130, -49.0080, -25.9360 looks on a white background.

Color Contrast Check

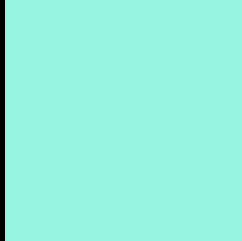
Large Text (above 18pt) WCAG AA × Fail

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 213.9130, -49.0080, -25.9360 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

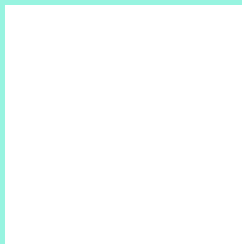
Any Text WCAG AAA ✓ Pass

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

YIQ 213.9130, -49.0080, -25.9360 Background



This preview shows how black text looks on a background with the YIQ color 213.9130, -49.0080, -25.9360.



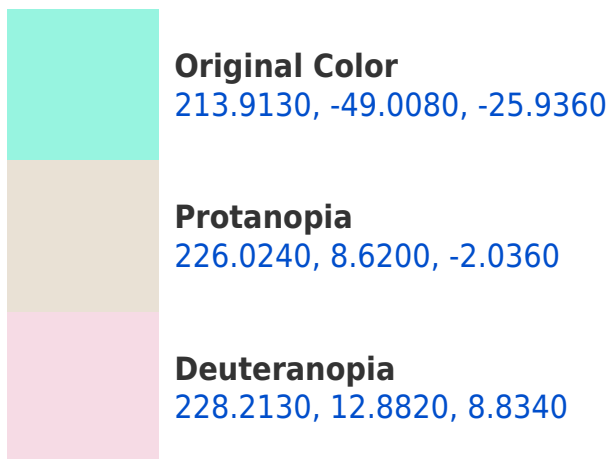
This preview shows how white text looks on a background with the YIQ color 213.9130, -49.0080, -25.9360.

-25.9360.

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

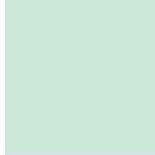
219.0080, -47.1770, -9.5530

Trichromacy



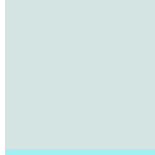
Original Color

213.9130, -49.0080, -25.9360



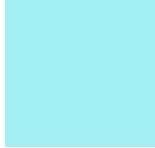
Protanomaly

221.6190, -12.4690, -10.8130



Deuteranomaly

222.8030, -9.8110, -3.9150



Tritanomaly

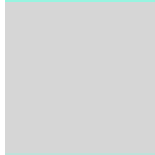
217.1340, -47.7720, -15.2920

Monochromacy



Original Color

213.9130, -49.0080, -25.9360



Achromatopsia

214.0000, -0.0000, 0.0000



Achromatomaly

214.0360, -18.0170, -9.3850

CSS Examples

Text

The CSS property to change the color of the text to YIQ 213.9130, -49.0080, -25.9360 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(151, 244, 224)` looks like.

```
.text, #text, p{  
    color:rgb(151, 244, 224)  
}
```

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(151, 244, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 244, 224) }
```

Border

The CSS property to change the border of an element to YIQ 213.9130, -49.0080, -25.9360 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(151, 244, 224) }
```


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

```
.border{ border-color:rgb(151, 244, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 244, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 244, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 244, 224);  
box-shadow:4px 4px 4px 4px rgb(151, 244,  
224) }
```

Background

The CSS property to change the background color of an element to YIQ 213.9130, -49.0080, -25.9360 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 244, 224) }
```

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

```
.background{ background-color: rgb(151,  
244, 224) }
```

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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