

Converting Colors

YIQ(214.0090, -58.0860,
-26.6140)

Have a look what the booklet for
YIQ(214.0090, -58.0860, -26.6140)
contains.

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Color

**YIQ(214.0090, -58.0860,
-26.6140)**

Conversions

Conversions Part 1

Format	Color
Hex	8EF7E9
RGB	142, 247, 233
RGB Percent	56%, 97%, 91%
CMY	0.4434, 0.0312, 0.0865
CMYK	0.43, 0.00, 0.06, 0.03
HSL	172°, 87%, 76%
HSV	172°, 43%, 97%
XYZ	59.1182, 78.1735, 89.0220
YIQ	214.0090, -58.0860, -26.6140

Conversions

Conversions Part 2

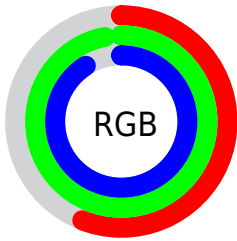
Format	Color
RYB	142, 198, 247
Decimal	9369577
CIELab	90.86, -33.79, -2.78
CIELCh	91, 33.906, 184.695
Yxy	78.1735, 0.2612, 0.3454
Android (android.graphics.Color)	4287559657 (0xFF8EF7E9)
YUV	214.0090, 9.3626, -63.1519
Hunter-Lab	88.4158, -35.3754, 2.1945

Details

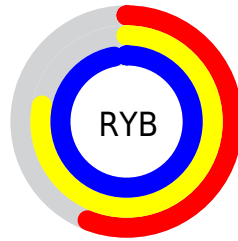
The YIQ color **214.0090, -58.0860, -26.6140** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **174.9910, 58.0860, 26.6140**, and the grayscale version is **214.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **238.5550, -32.7800, -11.6600**, and **156.8240, -59.0030, -26.5150** is the 20% darker color. If you saturate the color by 10%, you get **206.1920, -72.0230, -32.8470**, and if you desaturate by 10%, it is **221.8260, -44.1490, -20.3810**.

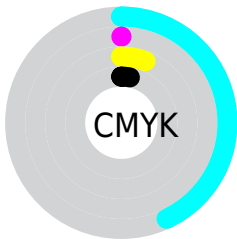
Distribution



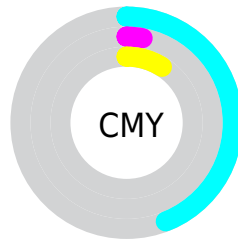
- Red (56%)
- Green (97%)
- Blue (91%)



- Red (56%)
- Yellow (78%)
- Blue (97%)



- Cyan (43%)
- Magenta (0%)
- Yellow (6%)
- Black (3%)



- Cyan (44%)
- Magenta (3%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 214.0090, -58.0860, -26.6140 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 214.0090, -58.0860, -26.6140 by changing the saturation by 10% instead.

214.0090,
-58.0860, -26.6140

214.0090,
-58.0860, -26.6140

255.0000, -0.0000,
-0.0000

185.1230,
-58.4070, -26.3030

238.5550,
-32.7800, -11.6600

156.5250,
-59.5990, -26.7270

247.5250,
-14.9000, -5.3000

128.1440,
-62.9000, -27.4760

94.0820, -77.5250,
-32.2530

75.9700, -62.3500,
-26.4300

58.5590, -47.7710,
-20.8190

41.9630, -34.1090,

-15.1090

■ 27.1280, -21.2720,
-10.9680

■ 4.6620, -4.8600,
-0.0280

■ 214.0090,
-58.0860, -26.6140

■ 214.0090,
-58.0860, -26.6140

■ 206.1920,
-72.0230, -32.8470

■ 221.8260,
-44.1490, -20.3810

■ 198.5600,
-85.0430, -39.1790

■ 229.4580,
-31.1290, -14.0490

■ 190.7430,
-98.9800, -45.4120

■ 237.2750,
-17.1920, -7.8160

■ 182.9260,
-112.9170, -51.6450

■ 245.0920, -3.2550,
-1.5830

■ 174.9950,
-126.5330, -58.1890

■ 249.7340, 3.8050,
2.6290

■ 169.3850,
-136.6190, -62.6270

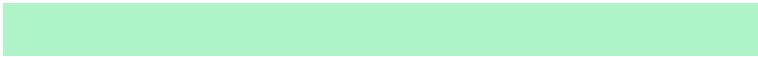
■ 250.0760, 2.8420,
3.5620

■ 250.3040, 2.2000,
4.1840

Harmonies

Analogous

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



218.0540, -27.5960, -28.5240



214.0090, -58.0860, -26.6140



211.7550, -71.7500, -21.2700

Triad

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



214.0090, -58.0860, -26.6140



229.3830, 0.9600, 15.6480



223.1180, 37.4140, -6.2500

Complementary

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



214.0090, -58.0860, -26.6140



174.9910, 58.0860, 26.6140

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.



220.3430, 32.8270, 5.2990



214.0090, -58.0860, -26.6140



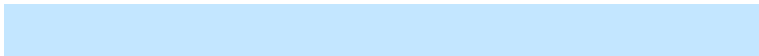
227.9980, 12.6500, 24.0580

Square

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



214.0090, -58.0860, -26.6140



222.3850, -28.8850, 0.3550



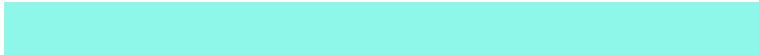
222.2300, 23.3800, 16.8200



226.3850, 31.8680, -15.8760

Rectangle

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



214.0090, -58.0860, -26.6140



213.2830, -64.3690, -17.3690



222.2300, 23.3800, 16.8200



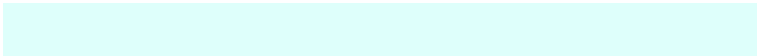
222.0410, 36.3130, -2.8150

Sweetspot

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



214.0090, -58.0860, -26.6140



244.6770, -18.3840, -8.2400



208.4190, -19.3390, -51.5230



121.3790, -11.5530, -5.3850



0.0000, 0.0000, 0.0000



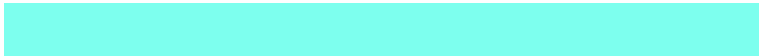
128.0000, -0.0000, -0.0000

Same Dimension

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



214.0090, -58.0860, -26.6140



214.1920, -72.0230, -32.8470



193.8860, -52.4050, -2.9090



118.2980, -6.8310, -2.8550



127.5360, -102.8310, -47.2070



40.4470, -32.5960, -14.9960

Inverse Universe

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



174.9910, 58.0860, 26.6140



165.8080, 72.0230, 32.8470



195.1140, 52.4050, 2.9090



113.8160, 6.5100, 3.1660



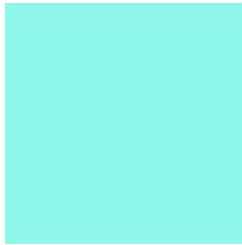
58.4640, 102.8310, 47.2070



18.5530, 32.5960, 14.9960

Previews

White Background



This preview shows how the YIQ color 214.0090, -58.0860, -26.6140 looks on a white background.

Color Contrast Check

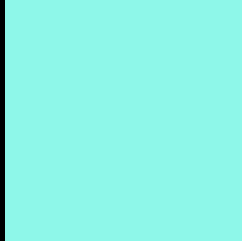
Large Text (above 18pt) WCAG AA × Fail

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 214.0090, -58.0860, -26.6140 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

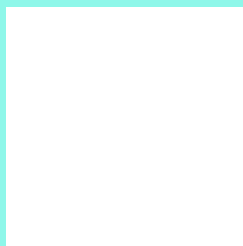
Any Text WCAG AAA ✓ Pass

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

YIQ 214.0090, -58.0860, -26.6140 Background



This preview shows how black text looks on a background with the YIQ color 214.0090, -58.0860, -26.6140.



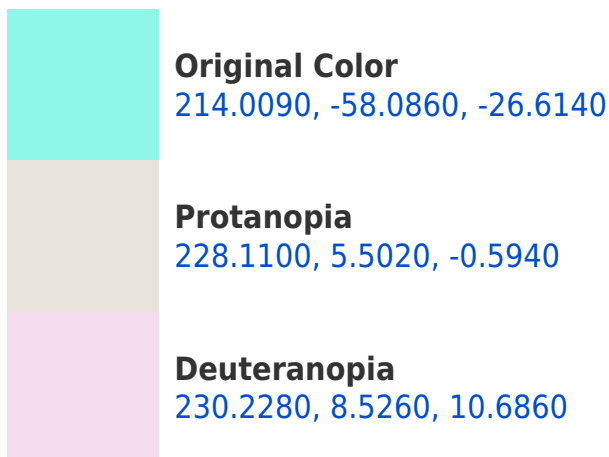
This preview shows how white text looks on a background with the YIQ color 214.0090, -58.0860, -26.6140.

-26.6140.

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

220.4920, -45.6640, -9.4400

Trichromacy



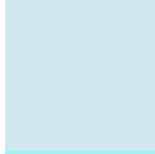
Original Color

214.0090, -58.0860, -26.6140



Protanomaly

222.8080, -17.3750, -10.0070



Deuteranomaly

224.2200, -15.3590, -2.4870



Tritanomaly

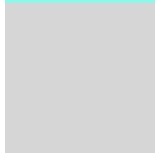
218.0520, -50.4770, -15.8290

Monochromacy



Original Color

214.0090, -58.0860, -26.6140



Achromatopsia

214.0000, -0.0000, 0.0000



Achromatomaly

214.0680, -21.0430, -9.6110

CSS Examples

Text

The CSS property to change the color of the text to YIQ 214.0090, -58.0860, -26.6140 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, 247, 233)` looks like.

```
.text, #text, p{  
    color:rgb(142, 247, 233)  
}
```

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, 247, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 247, 233) }
```

Border

The CSS property to change the border of an element to YIQ 214.0090, -58.0860, -26.6140 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, 247, 233) }
```


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

```
.border{ border-color:rgb(142, 247, 233) }
```

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

Here you see how a box with a 4 pixel rgb(142, 247, 233) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 247, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 247, 233);  
box-shadow:4px 4px 4px 4px rgb(142, 247,  
233) }
```

Background

The CSS property to change the background color of an element to YIQ 214.0090, -58.0860, -26.6140 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 247, 233) }
```

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

```
.background{ background-color: rgb(142,  
247, 233) }
```

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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