

Converting Colors

YIQ(211.7180, -61.1600,
-14.9520)

Have a look what the booklet for
YIQ(211.7180, -61.1600, -14.9520)
contains.

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Color

**YIQ(211.7180, -61.1600,
-14.9520)**

Conversions

Conversions Part 1

Format	Color
Hex	90EEFE
RGB	144, 238, 254
RGB Percent	56%, 93%, 100%
CMY	0.4355, 0.0665, 0.0042
CMYK	0.43, 0.06, 0.00, 0.00
HSL	189°, 98%, 78%
HSV	189°, 43%, 100%
XYZ	59.9571, 74.2481, 104.8826
YIQ	211.7180, -61.1600, -14.9520

Conversions

Conversions Part 2

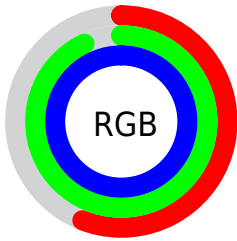
Format	Color
RYB	144, 195, 254
Decimal	9498366
CIELab	89.04, -23.94, -16.42
CIElCh	89, 29.029, 214.440
Yxy	74.2481, 0.2508, 0.3105
Android (android.graphics.Color)	4287688446 (0xFF90EEFE)
YUV	211.7180, 20.8450, -59.3887
Hunter-Lab	86.1673, -26.5886, -11.8504

Details

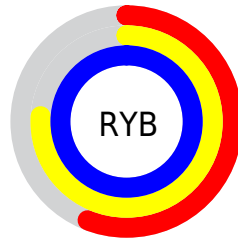
The YIQ color **211.7180, -61.1600, -14.9520** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **186.2820, 61.1600, 14.9520**, and the grayscale version is **212.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **239.1530, -31.5880, -11.2360**, and **154.7070, -62.6270, -15.8990** is the 20% darker color. If you saturate the color by 10%, you get **201.8950, -74.9600, -18.1600**, and if you desaturate by 10%, it is **221.5410, -47.3600, -11.7440**.

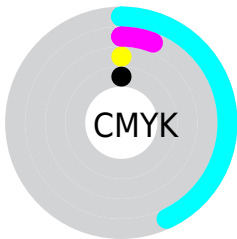
Distribution



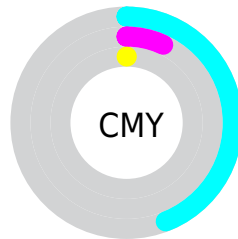
- Red (56%)
- Green (93%)
- Blue (100%)



- Red (56%)
- Yellow (76%)
- Blue (100%)



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



- Cyan (44%)
- Magenta (7%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 211.7180, -61.1600, -14.9520 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 211.7180, -61.1600, -14.9520 by changing the saturation by 10% instead.

211.7180,
-61.1600, -14.9520

211.7180,
-61.1600, -14.9520

255.0000, -0.0000,
-0.0000

183.3050,
-61.4350, -15.4750

239.1530,
-31.5880, -11.2360

154.7070,
-62.6270, -15.8990

248.1230,
-13.7080, -4.8760

126.2120,
-65.6070, -16.9590

92.4380, -81.1030,
-22.4710

73.9130, -66.2030,
-17.1710

56.9750, -51.5780,
-12.3940

40.8520, -37.8700,

-7.5180

■ 25.9030, -24.7120,
-3.6880

■ 3.6650, -8.9420,
7.8740

■ 211.7180,
-61.1600, -14.9520

■ 211.7180,
-61.1600, -14.9520

■ 201.8950,
-74.9600, -18.1600

■ 221.5410,
-47.3600, -11.7440

■ 192.3600,
-89.6310, -22.1030

■ 231.0760,
-32.6890, -7.8010

■ 182.5370,
-103.4310, -25.3110

■ 240.8990,
-18.8890, -4.5930

■ 172.4150,
-117.8270, -28.7310

■ 251.0210, -4.4930,
-1.1730

■ 163.1790,
-131.9020, -32.4620

254.8860, 0.3210,
-0.3110

■ 156.3350,
-141.2090, -34.4970

Harmonies

Analogous

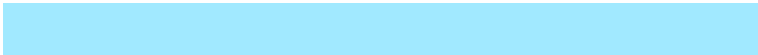
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



211.6190, -48.0000, -22.1760



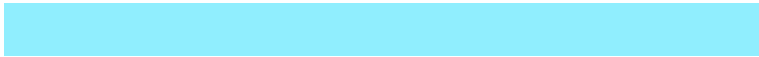
211.7180, -61.1600, -14.9520



213.9800, -49.9740, -8.4220

Triad

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



211.7180, -61.1600, -14.9520



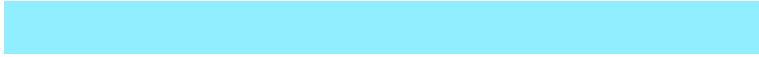
226.0260, 15.4470, 22.9270



221.8130, 27.7870, -13.5010

Complementary

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



211.7180, -61.1600, -14.9520



186.2820, 61.1600, 14.9520

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.



221.8130, 36.9550, -3.4370



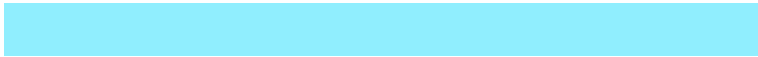
211.7180, -61.1600, -14.9520



221.0730, 25.2600, 15.7880

Square

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



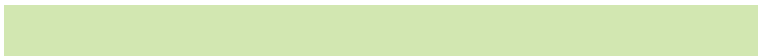
211.7180, -61.1600, -14.9520



224.9420, -2.1120, 16.2560



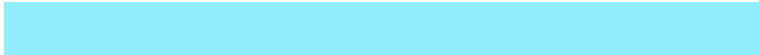
219.2830, 33.0560, 6.6560



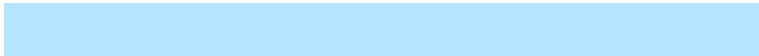
218.5650, 4.8180, -21.2460

Rectangle

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



211.7180, -61.1600, -14.9520



217.6230, -35.4870, -1.1430



219.2830, 33.0560, 6.6560



222.8570, 33.6550, -9.7130

Sweetspot

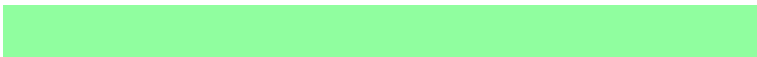
The Sweet Spot groups the original color and five complimentary colors.



211.7180, -61.1600, -14.9520



242.1980, -18.2930, -4.3810



210.2800, -35.0650, -52.8650



119.9600, -11.6910, -2.8830



0.0000, 0.0000, 0.0000



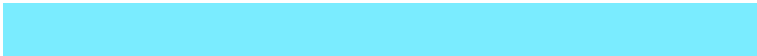
128.0000, -0.0000, -0.0000

Same Dimension

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



211.7180, -61.1600, -14.9520



204.0800, -74.0430, -18.2590



180.0200, -46.3100, 13.2900



122.9390, -7.1980, -1.7100



118.0420, -106.4110, -26.3710



39.5810, -35.6690, -8.8610

Inverse Universe

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



187.6060, 35.3860, 52.5540



174.7630, 42.6740, 63.6500



217.9800, 46.3100, -13.2900



120.1410, 4.2170, 6.1770



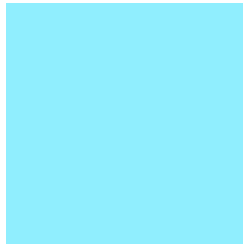
75.8050, 61.1920, 91.4960



25.4060, 20.4890, 30.6730

Previews

White Background



This preview shows how the YIQ color 211.7180, -61.1600, -14.9520 looks on a white background.

Color Contrast Check

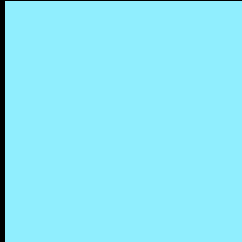
Large Text (above 18pt) WCAG AA × Fail

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 211.7180, -61.1600, -14.9520 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

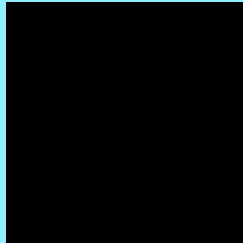
Any Text WCAG AA ✓ Pass

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 211.7180, -61.1600, -14.9520 Background



This preview shows how black text looks on a background with the YIQ color 211.7180, -61.1600, -14.9520.



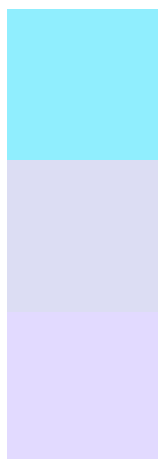
This preview shows how white text looks on a background with the YIQ color 211.7180, -61.1600, -14.9520.

-14.9520.

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

211.7180, -61.1600, -14.9520

Protanopia

223.2090, -7.6580, 6.6300

Deuteranopia

224.6100, -7.1090, 13.2030



Tritanopia

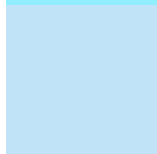
213.0390, -57.6300, -12.8460

Trichromacy



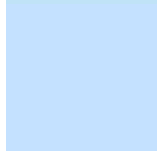
Original Color

211.7180, -61.1600, -14.9520



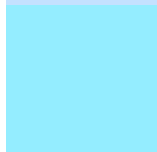
Protanomaly

218.8150, -27.2800, -1.2000



Deuteranomaly

219.7490, -26.9140, 3.1820



Tritanomaly

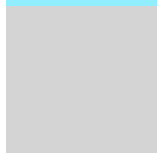
212.4410, -58.8220, -13.2700

Monochromacy



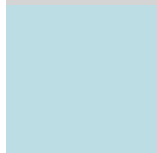
Original Color

211.7180, -61.1600, -14.9520



Achromatopsia

212.0000, -0.0000, -0.0000



Achromatomaly

211.5180, -22.1900, -5.3420

CSS Examples

Text

The CSS property to change the color of the text to YIQ 211.7180, -61.1600, -14.9520 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(144, 238, 254)` looks like.

```
.text, #text, p{  
    color:rgb(144, 238, 254)  
}
```

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(144, 238, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 238, 254) }
```

Border

The CSS property to change the border of an element to YIQ 211.7180, -61.1600, -14.9520 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(144, 238, 254) }
```


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

```
.border{ border-color:rgb(144, 238, 254) }
```

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

Here you see how a box with a 4 pixel rgb(144, 238, 254) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(144, 238, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(144, 238, 254);  
box-shadow:4px 4px 4px 4px rgb(144, 238,  
254) }
```

Background

The CSS property to change the background color of an element to YIQ 211.7180, -61.1600, -14.9520 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 238, 254) }
```

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

```
.background{ background-color: rgb(144,  
238, 254) }
```

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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