

Converting Colors

YIQ(217.7680, -55.4290,
-14.1890)

Have a look what the booklet for
YIQ(217.7680, -55.4290, -14.1890)
contains.

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Color

**YIQ(217.7680, -55.4290,
-14.1890)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 9CF2FF |
| RGB | 156, 242, 255 |
| RGB Percent | 61%, 95%, 100% |
| CMY | 0.3884, 0.0508, 0.0002 |
| CMYK | 0.39, 0.05, 0.00, 0.00 |
| HSL | 188°, 100%, 81% |
| HSV | 188°, 39%, 100% |
| XYZ | 63.5041, 77.8049, 106.2291 |
| YIQ | 217.7680, -55.4290, -14.1890 |

Conversions

Conversions Part 2

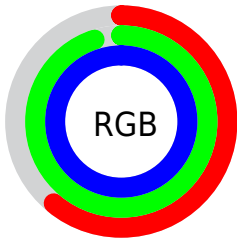
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 156, 202, 255 |
| Decimal | 10285823 |
| CIE Lab | 90.69, -22.76, -14.41 |
| CIE LCh | 91, 26.943, 212.338 |
| Yxy | 77.8049, 0.2565, 0.3143 |
| Android (android.graphics.Color) | 4288475903 (0xFF9CF2FF) |
| YUV | 217.7680, 18.3554, -54.1705 |
| Hunter-Lab | 88.2071, -25.8527, -9.6588 |

Details

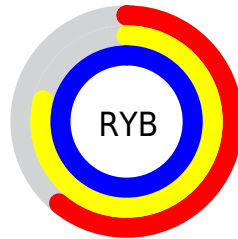
The YIQ color **217.7680, -55.4290, -14.1890** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **193.2320, 55.4290, 14.1890**, and the grayscale version is **218.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **242.7410, -24.4360, -8.6920**, and **161.3550, -55.7040, -14.7120** is the 20% darker color. If you saturate the color by 10%, you get **208.2330, -70.1000, -18.1320**, and if you desaturate by 10%, it is **227.0040, -41.3540, -10.4580**.

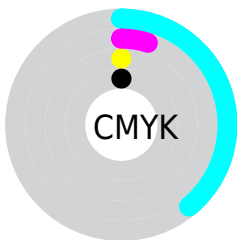
Distribution



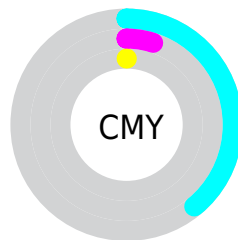
- Red (61%)
- Green (95%)
- Blue (100%)



- Red (61%)
- Yellow (79%)
- Blue (100%)



- Cyan (39%)
- Magenta (5%)
- Yellow (0%)
- Black (0%)



- Cyan (39%)
- Magenta (5%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 217.7680, -55.4290, -14.1890 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 217.7680, -55.4290, -14.1890 by changing the saturation by 10% instead.

217.7680,
-55.4290, -14.1890

217.7680,
-55.4290, -14.1890

255.0000, -0.0000,
-0.0000

189.3550,
-55.7040, -14.7120

242.7410,
-24.4360, -8.6920

161.3550,
-55.7040, -14.7120

251.7110, -6.5560,
-2.3320

133.4580,
-57.4920, -15.3480

104.6640,
-61.0680, -16.6200

76.3750, -67.6240,
-18.9520

58.8500, -52.7240,
-13.6520

42.6130, -38.6950,

-9.0870

■ 27.1910, -25.5830,
-4.4230

■ 6.7140, -10.6380,
5.5700

■ 217.7680,
-55.4290, -14.1890

■ 217.7680,
-55.4290, -14.1890

■ 208.2330,
-70.1000, -18.1320

■ 227.0040,
-41.3540, -10.4580

■ 198.4100,
-83.9000, -21.3400

■ 237.1260,
-26.9580, -7.0380

■ 188.8750,
-98.5710, -25.2830

■ 246.3620,
-12.8830, -3.3070

■ 179.6390,
-112.6460, -29.0140

■ 255.0000, -0.0000,
-0.0000

■ 169.5170,
-127.0420, -32.4340

■ 160.2810,
-141.1170, -36.1650

■ 159.3840,
-142.9050, -36.8010

Harmonies

Analogous

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



217.7830, -42.5900, -21.1020



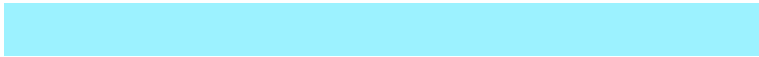
217.7680, -55.4290, -14.1890



219.0190, -45.7100, -8.6060

Triad

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



217.7680, -55.4290, -14.1890



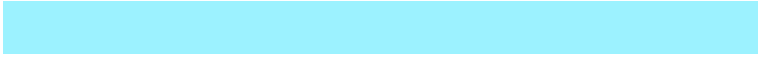
230.1180, 12.1920, 21.3440



226.9810, 27.3740, -11.5220

Complementary

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



217.7680, -55.4290, -14.1890



193.2320, 55.4290, 14.1890

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.



225.6600, 33.0120, -3.5640



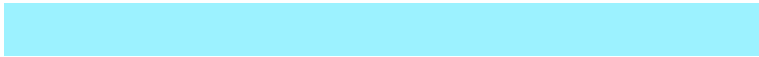
217.7680, -55.4290, -14.1890



225.3930, 21.3630, 14.8270

Square

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



217.7680, -55.4290, -14.1890



229.0620, -2.5700, 13.5420



223.7170, 28.8380, 6.0060



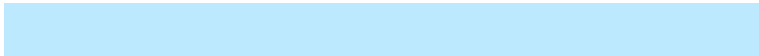
224.1030, 6.2390, -19.4650

Rectangle

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



217.7680, -55.4290, -14.1890



222.3520, -33.2860, -2.4860



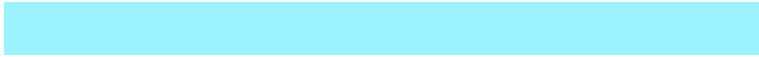
223.7170, 28.8380, 6.0060



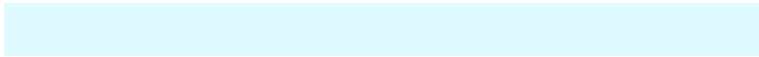
227.7260, 32.6460, -7.9460

Sweetspot

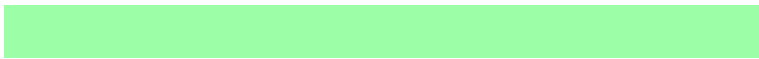
The Sweet Spot groups the original color and five complimentary colors.



217.7680, -55.4290, -14.1890



243.3830, -17.3760, -4.4800



215.4810, -31.0770, -48.0450



120.8570, -9.9030, -2.2470



0.0000, 0.0000, 0.0000



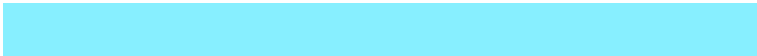
128.0000, -0.0000, -0.0000

Same Dimension

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



217.7680, -55.4290, -14.1890



209.7280, -67.1200, -17.0720



189.5920, -42.2290, 10.9150



122.9390, -7.1980, -1.7100



119.2160, -106.9610, -27.4170



39.5810, -35.6690, -8.8610

Inverse Universe

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



195.4050, 31.3980, 47.7340



182.7360, 38.1360, 57.7840



221.4080, 42.2290, -10.9150



120.1410, 4.2170, 6.1770



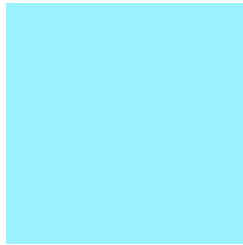
76.0330, 60.5500, 92.1180



25.4060, 20.4890, 30.6730

Previews

White Background



This preview shows how the YIQ color 217.7680, -55.4290, -14.1890 looks on a white background.

Color Contrast Check

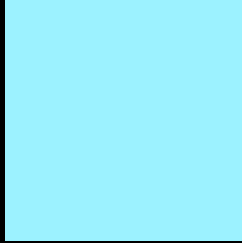
Large Text (above 18pt) WCAG AA × Fail

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 217.7680, -55.4290, -14.1890 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 217.7680, -55.4290, -14.1890 Background



This preview shows how black text looks on a background with the YIQ color 217.7680, -55.4290, -14.1890.



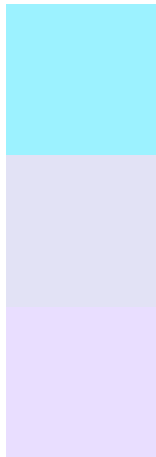
This preview shows how white text looks on a background with the YIQ color 217.7680, -55.4290, -14.1890.

-14.1890.

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

217.7680, -55.4290, -14.1890

Protanopia

228.1660, -6.0990, 5.9090

Deuteranopia

229.0510, -4.0370, 12.5950



Tritanopia

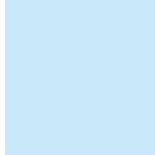
220.7910, -45.0680, -9.2280

Trichromacy



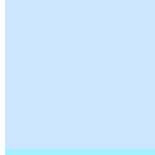
Original Color

217.7680, -55.4290, -14.1890



Protanomaly

224.6690, -23.9330, -1.2850



Deuteranomaly

224.7880, -22.6500, 2.9980



Tritanomaly

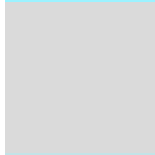
219.5840, -48.9190, -11.0230

Monochromacy



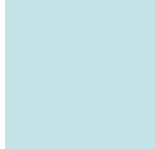
Original Color

217.7680, -55.4290, -14.1890



Achromatopsia

218.0000, -0.0000, 0.0000



Achromatomaly

217.8880, -20.3560, -5.5400

CSS Examples

Text

The CSS property to change the color of the text to YIQ 217.7680, -55.4290, -14.1890 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(156, 242, 255)` looks like.

```
.text, #text, p{  
    color:rgb(156, 242, 255)  
}
```

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(156, 242, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 242, 255) }
```

Border

The CSS property to change the border of an element to YIQ 217.7680, -55.4290, -14.1890 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(156, 242, 255) }
```


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

```
.border{ border-color:rgb(156, 242, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(156, 242, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 242, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 242, 255);  
box-shadow:4px 4px 4px 4px rgb(156, 242,  
255) }
```

Background

The CSS property to change the background color of an element to YIQ 217.7680, -55.4290, -14.1890 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 242, 255) }
```

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

```
.background{ background-color: rgb(156,  
242, 255) }
```

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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