

Converting Colors

YIQ(218.9700, -53.1820,
-16.3660)

Have a look what the booklet for
YIQ(218.9700, -53.1820, -16.3660)
contains.

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Color

**YIQ(218.9700, -53.1820,
-16.3660)**

Conversions

Conversions Part 1

Format	Color
Hex	9EF4FA
RGB	158, 244, 250
RGB Percent	62%, 96%, 98%
CMY	0.3806, 0.0430, 0.0198
CMYK	0.37, 0.02, 0.00, 0.02
HSL	184°, 90%, 80%
HSV	184°, 37%, 98%
XYZ	63.6987, 78.8857, 102.2665
YIQ	218.9700, -53.1820, -16.3660

Conversions

Conversions Part 2

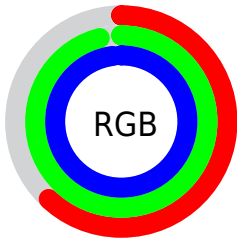
Format	Color
RYB	158, 202, 250
Decimal	10417402
CIELab	91.18, -24.44, -11.07
CIELCh	91, 26.826, 204.363
Yxy	78.8857, 0.2602, 0.3222
Android (android.graphics.Color)	4288607482 (0xFF9EF4FA)
YUV	218.9700, 15.2978, -53.4707
Hunter-Lab	88.8176, -27.4132, -6.0954

Details

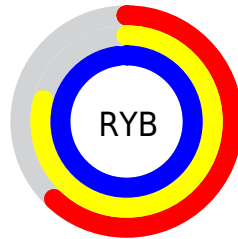
The YIQ color **218.9700, -53.1820, -16.3660** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **189.0300, 53.1820, 16.3660**, and the grayscale version is **219.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **243.3390, -23.2440, -8.2680**, and **162.6710, -53.7780, -16.5780** is the 20% darker color. If you saturate the color by 10%, you get **210.3210, -67.5320, -20.6200**, and if you desaturate by 10%, it is **227.6190, -38.8320, -12.1120**.

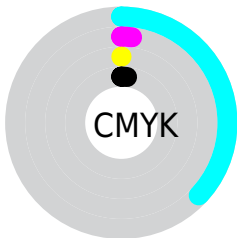
Distribution



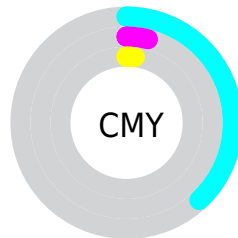
- Red (62%)
- Green (96%)
- Blue (98%)



- Red (62%)
- Yellow (79%)
- Blue (98%)



- Cyan (37%)
- Magenta (2%)
- Yellow (0%)
- Black (2%)



- Cyan (38%)
- Magenta (4%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 218.9700, -53.1820, -16.3660 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 218.9700, -53.1820, -16.3660 by changing the saturation by 10% instead.

■ 218.9700,
-53.1820, -16.3660

■ 218.9700,
-53.1820, -16.3660

■ 255.0000, -0.0000,
-0.0000

■ 190.2690,
-52.5860, -16.1540

■ 243.3390,
-23.2440, -8.2680

■ 162.6710,
-53.7780, -16.5780

■ 252.0100, -5.9600,
-2.1200

■ 134.3720,
-54.3740, -16.7900

■ 106.8770,
-57.3540, -17.8500

■ 77.0930, -66.8900,
-21.2420

■ 59.5680, -51.9900,
-15.9420

■ 42.8580, -38.0070,

-10.5430

■ 27.3220, -24.5740,
-6.1900

■ 8.0190, -10.1790,
2.7570

■ 218.9700,
-53.1820, -16.3660

■ 218.9700,
-53.1820, -16.3660

■ 210.3210,
-67.5320, -20.6200

■ 227.6190,
-38.8320, -12.1120

■ 202.2590,
-82.1570, -25.3970

■ 235.6810,
-24.2070, -7.3350

■ 193.6100,
-96.5070, -29.6510

■ 244.3300, -9.8570,
-3.0810

■ 185.5480,
-111.1320, -34.4280

■ 251.4950, 2.9800,
1.0600

■ 176.8990,
-125.4820, -38.6820

■ 252.6690, 2.4300,
0.0140

■ 168.2500,
-139.8320, -42.9360

■ 253.8430, 1.8800,
-1.0320

■ 165.8580,
-144.6000, -44.6320

■ 254.4300, 1.6050,
-1.5550

Harmonies

Analogous

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



219.8930, -37.0880, -21.6960



218.9700, -53.1820, -16.3660



219.5840, -48.9190, -11.0230

Triad

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



218.9700, -53.1820, -16.3660



232.6940, 10.4500, 19.8740



229.0140, 31.7750, -8.6810

Complementary

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



218.9700, -53.1820, -16.3660



189.0300, 53.1820, 16.3660

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.



225.7570, 31.3610, -1.1750



218.9700, -53.1820, -16.3660



227.5930, 17.9240, 16.5800

Square

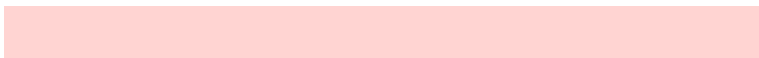
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



218.9700, -53.1820, -16.3660



229.3170, -7.8420, 9.9660



224.6290, 26.2700, 8.4940



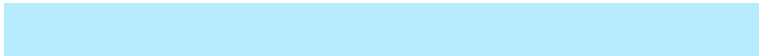
226.6800, 11.9240, -17.8680

Rectangle

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



218.9700, -53.1820, -16.3660



222.3190, -37.6870, -5.3270



224.6290, 26.2700, 8.4940



227.7800, 32.5540, -6.2780

Sweetspot

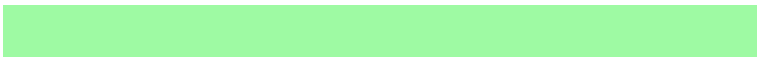
The Sweet Spot groups the original color and five complimentary colors.



218.9700, -53.1820, -16.3660



245.4540, -16.1380, -4.8900



212.5740, -26.9050, -46.5610



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.



218.9700, -53.1820, -16.3660



217.4030, -64.8270, -20.0830



192.5550, -40.8070, 7.1690



120.5260, -7.4730, -2.2330



125.4450, -109.3440, -33.7920



40.4130, -35.2560, -10.8400

Inverse Universe

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



195.3120, 27.2260, 46.2500



188.4580, 33.0470, 56.3990



215.4450, 40.8070, -7.1690



117.2550, 3.8960, 6.4880



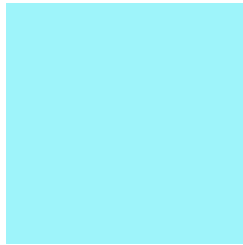
76.6890, 55.8270, 95.1150



24.7370, 18.0590, 30.6590

Previews

White Background



This preview shows how the YIQ color 218.9700, -53.1820, -16.3660 looks on a white background.

Color Contrast Check

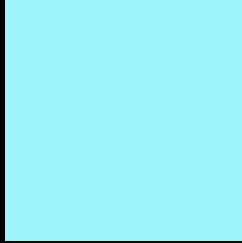
Large Text (above 18pt) WCAG AA × Fail

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 218.9700, -53.1820, -16.3660 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 218.9700, -53.1820, -16.3660 Background



This preview shows how black text looks on a background with the YIQ color 218.9700, -53.1820, -16.3660.



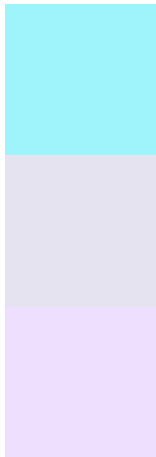
This preview shows how white text looks on a background with the YIQ color 218.9700, -53.1820, -16.3660.

-16.3660.

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

218.9700, -53.1820, -16.3660

Protanopia

229.0800, -2.9810, 4.4670

Deuteranopia

231.3180, -0.4150, 13.0330



Tritanopia

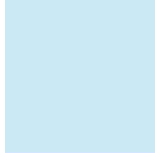
222.5850, -41.4920, -7.9560

Trichromacy



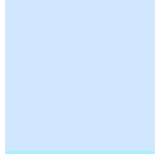
Original Color

218.9700, -53.1820, -16.3660



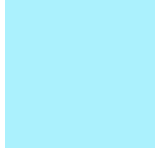
Protanomaly

225.2840, -21.4110, -2.9390



Deuteranomaly

227.2290, -19.5780, 2.3900



Tritanomaly

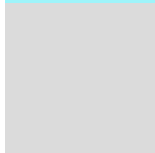
221.4380, -45.5720, -11.1080

Monochromacy



Original Color

218.9700, -53.1820, -16.3660



Achromatopsia

219.0000, 0.0000, -0.0000



Achromatomaly

218.9590, -19.1180, -5.9500

CSS Examples

Text

The CSS property to change the color of the text to YIQ 218.9700, -53.1820, -16.3660 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(158, 244, 250)` looks like.

```
.text, #text, p{  
    color:rgb(158, 244, 250)  
}
```

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(158, 244, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 244, 250) }
```

Border

The CSS property to change the border of an element to YIQ 218.9700, -53.1820, -16.3660 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(158, 244, 250) }
```


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

```
.border{ border-color:rgb(158, 244, 250) }
```

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

Here you see how a box with a 4 pixel `rgb(158, 244, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 244, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 244, 250);  
box-shadow:4px 4px 4px 4px rgb(158, 244,  
250) }
```

Background

The CSS property to change the background color of an element to YIQ 218.9700, -53.1820, -16.3660 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 244, 250) }
```

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

```
.background{ background-color: rgb(158,  
244, 250) }
```

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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