

Converting Colors

YIQ(225.7310, -54.0070,
-17.9350)

Have a look what the booklet for
YIQ(225.7310, -54.0070, -17.9350)
contains.

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Color

**YIQ(225.7310, -54.0070,
-17.9350)**

Conversions

Conversions Part 1

Format	Color
Hex	A3FCFF
RGB	163, 252, 255
RGB Percent	64%, 99%, 100%
CMY	0.3610, 0.0116, 0.0002
CMYK	0.36, 0.01, 0.00, 0.00
HSL	182°, 100%, 82%
HSV	182°, 36%, 100%
XYZ	67.9566, 84.6416, 107.3169
YIQ	225.7310, -54.0070, -17.9350

Conversions

Conversions Part 2

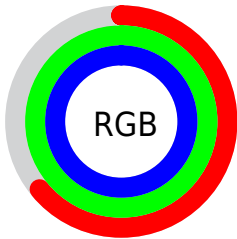
Format	Color
R _Y B	163, 208, 255
Decimal	10747135
CIE Lab	93.73, -25.87, -9.85
CIE LCh	94, 27.683, 200.842
Yxy	84.6416, 0.2615, 0.3257
Android (android.graphics.Color)	4288937215 (0xFFA3FCFF)
YUV	225.7310, 14.4296, -55.0151
Hunter-Lab	92.0009, -29.1523, -4.7598

Details

The YIQ color **225.7310, -54.0070, -17.9350** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **192.2690, 54.0070, 17.9350**, and the grayscale version is **226.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **244.8340, -20.2640, -7.2080**, and **168.7310, -54.0070, -17.9350** is the 20% darker color. If you saturate the color by 10%, you get **217.3700, -69.2280, -22.9240**, and if you desaturate by 10%, it is **233.7930, -39.3820, -13.1580**.

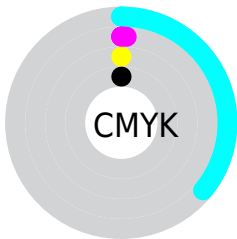
Distribution



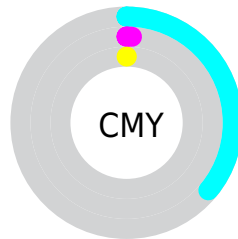
- Red (64%)
- Green (99%)
- Blue (100%)



- Red (64%)
- Yellow (82%)
- Blue (100%)



- Cyan (36%)
- Magenta (1%)
- Yellow (0%)
- Black (0%)



- Cyan (36%)
- Magenta (1%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 225.7310, -54.0070, -17.9350 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 225.7310, -54.0070, -17.9350 by changing the saturation by 10% instead.

225.7310,
-54.0070, -17.9350

225.7310,
-54.0070, -17.9350

255.0000, -0.0000,
-0.0000

196.7310,
-54.0070, -17.9350

244.8340,
-20.2640, -7.2080

168.7310,
-54.0070, -17.9350

253.8040, -2.3840,
-0.8480

141.1330,
-55.1990, -18.3590

113.0510,
-57.9040, -18.8960

81.0710, -69.8240,
-23.1360

63.5460, -54.9240,
-17.8360

47.4230, -41.2160,

-12.9600

■ 31.3000, -27.5080,
-8.0840

■ 16.1060, -15.0380,
-2.7980

■ 225.7310,
-54.0070, -17.9350

■ 225.7310,
-54.0070, -17.9350

■ 217.3700,
-69.2280, -22.9240

■ 233.7930,
-39.3820, -13.1580

■ 209.3080,
-83.8530, -27.7010

■ 242.1540,
-24.1610, -8.1690

■ 201.5340,
-99.3490, -33.2130

■ 249.6290, -9.2610,
-2.8690

■ 193.4720,
-113.9740, -37.9900

■ 255.0000, -0.0000,
-0.0000

■ 185.1110,
-129.1950, -42.9790

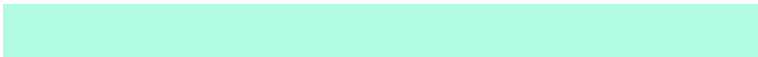
■ 177.0490,
-143.8200, -47.7560

■ 174.0590,
-149.7800, -49.8760

Harmonies

Analogous

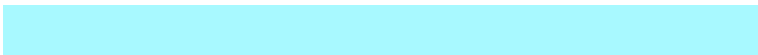
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



227.4370, -35.8040, -22.9400



225.7310, -54.0070, -17.9350



225.4650, -50.2020, -15.3060

Triad

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



225.7310, -54.0070, -17.9350



236.8030, 8.5250, 16.2130



233.5190, 28.7950, -9.7410

Complementary

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



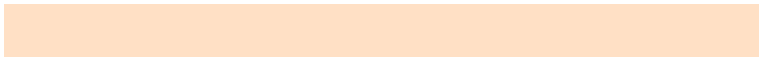
225.7310, -54.0070, -17.9350



192.2690, 54.0070, 17.9350

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.



230.1910, 27.1430, -1.8250



225.7310, -54.0070, -17.9350



232.8420, 12.7890, 16.0290

Square

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



225.7310, -54.0070, -17.9350



234.9100, -8.2540, 6.4180



229.7640, 21.4560, 7.6320



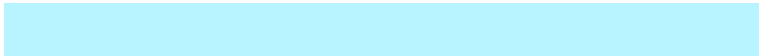
233.6480, 14.9500, -17.6420

Rectangle

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



225.7310, -54.0070, -17.9350



227.3140, -39.2910, -9.2990



229.7640, 21.4560, 7.6320



231.9860, 28.9780, -7.5500

Sweetspot

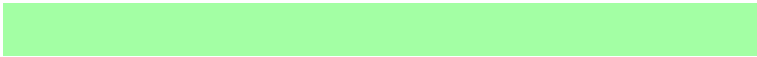
The Sweet Spot groups the original color and five complimentary colors.



225.7310, -54.0070, -17.9350



246.0410, -16.4130, -5.4130



217.1180, -25.6210, -47.8050



122.3300, -9.8570, -3.0810



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.



225.7310, -54.0070, -17.9350



220.3490, -64.7350, -21.7510



199.3160, -41.6320, 5.6000



123.5260, -7.4730, -2.2330



130.3690, -112.1860, -37.3540



43.6900, -37.5940, -12.5220

Inverse Universe

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



200.6540, 26.2630, 47.1830



190.0880, 31.2130, 56.5970



218.0970, 41.9070, -5.0770



120.2550, 3.8960, 6.4880



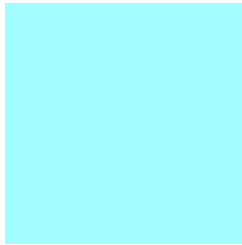
78.1990, 54.4510, 98.0270



26.2040, 18.2420, 32.8500

Previews

White Background



This preview shows how the YIQ color 225.7310, -54.0070, -17.9350 looks on a white background.

Color Contrast Check

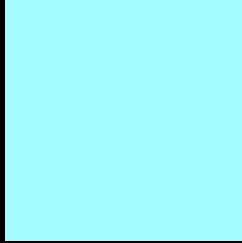
Large Text (above 18pt) WCAG AA × Fail

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 225.7310, -54.0070, -17.9350 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 225.7310, -54.0070, -17.9350 Background



This preview shows how black text looks on a background with the YIQ color 225.7310, -54.0070, -17.9350.



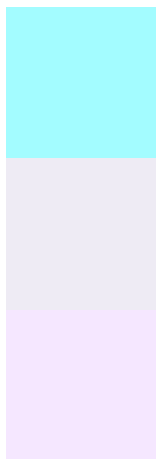
This preview shows how white text looks on a background with the YIQ color 225.7310, -54.0070, -17.9350.

-17.9350.

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

225.7310, -54.0070, -17.9350

Protanopia

236.9230, -1.1010, 3.4350

Deuteranopia

237.9220, 0.6400, 10.4320



Tritanopia

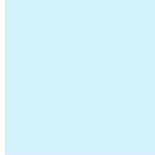
232.6960, -28.5630, -5.4830

Trichromacy



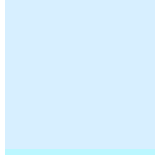
Original Color

225.7310, -54.0070, -17.9350



Protanomaly

232.8280, -20.1270, -4.1830



Deuteranomaly

233.6480, -19.4400, -0.1120



Tritanomaly

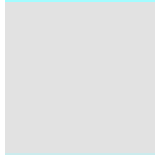
230.2710, -37.7320, -10.0200

Monochromacy



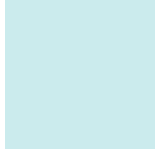
Original Color

225.7310, -54.0070, -17.9350



Achromatopsia

226.0000, -0.0000, 0.0000



Achromatomaly

225.6600, -19.7140, -6.1620

CSS Examples

Text

The CSS property to change the color of the text to YIQ 225.7310, -54.0070, -17.9350 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(163, 252, 255)` looks like.

```
.text, #text, p{  
    color:rgb(163, 252, 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(163, 252, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 252, 255) }
```

Border

The CSS property to change the border of an element to YIQ 225.7310, -54.0070, -17.9350 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(163, 252, 255) }
```


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

```
.border{ border-color:rgb(163, 252, 255) }
```

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

Here you see how a box with a 4 pixel rgb(163, 252, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 252, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 252, 255);  
box-shadow:4px 4px 4px 4px rgb(163, 252,  
255) }
```

Background

The CSS property to change the background color of an element to YIQ 225.7310, -54.0070, -17.9350 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 252, 255) }
```

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

```
.background{ background-color: rgb(163,  
252, 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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