

Converting Colors

YIQ(228.7100, -49.5140,
-16.7620)

Have a look what the booklet for
YIQ(228.7100, -49.5140, -16.7620)
contains.

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Color

**YIQ(228.7100, -49.5140,
-16.7620)**

Conversions

Conversions Part 1

Format	Color
Hex	ABFDFF
RGB	171, 253, 255
RGB Percent	67%, 99%, 100%
CMY	0.3296, 0.0077, 0.0002
CMYK	0.33, 0.01, 0.00, 0.00
HSL	181°, 100%, 84%
HSV	181°, 33%, 100%
XYZ	69.9619, 86.1415, 107.5047
YIQ	228.7100, -49.5140, -16.7620

Conversions

Conversions Part 2

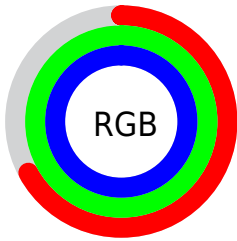
Format	Color
R _Y B	171, 212, 255
Decimal	11271679
CIE Lab	94.37, -24.29, -8.85
CIE LCh	94, 25.857, 200.026
Yxy	86.1415, 0.2654, 0.3268
Android (android.graphics.Color)	4289461759 (0xFFABFDFF)
YUV	228.7100, 12.9610, -50.6117
Hunter-Lab	92.8124, -27.8687, -3.7070

Details

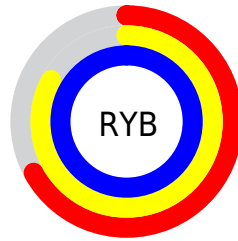
The YIQ color **228.7100, -49.5140, -16.7620** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **197.2900, 49.5140, 16.7620**, and the grayscale version is **229.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **247.2260, -15.4960, -5.5120**, and **172.0090, -48.9180, -16.5500** is the 20% darker color. If you saturate the color by 10%, you get **220.3490, -64.7350, -21.7510**, and if you desaturate by 10%, it is **236.7720, -34.8890, -11.9850**.

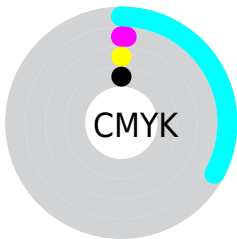
Distribution



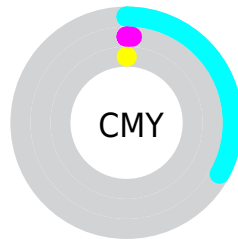
- Red (67%)
- Green (99%)
- Blue (100%)



- Red (67%)
- Yellow (83%)
- Blue (100%)



- Cyan (33%)
- Magenta (1%)
- Yellow (0%)
- Black (0%)



- Cyan (33%)
- Magenta (1%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 228.7100, -49.5140, -16.7620 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 228.7100, -49.5140, -16.7620 by changing the saturation by 10% instead.

228.7100,
-49.5140, -16.7620

228.7100,
-49.5140, -16.7620

255.0000, -0.0000,
-0.0000

200.0090,
-48.9180, -16.5500

247.2260,
-15.4960, -5.5120

172.0090,
-48.9180, -16.5500

144.7100,
-49.5140, -16.7620

117.2260,
-51.0270, -16.8750

88.8340, -55.7950,
-18.5710

64.1330, -55.1990,
-18.3590

48.0100, -41.4910,

-13.4830

■ 31.8870, -27.7830,
-8.6070

■ 17.7530, -15.5420,
-4.6780

■ 228.7100,
-49.5140, -16.7620

■ 228.7100,
-49.5140, -16.7620

■ 220.3490,
-64.7350, -21.7510

■ 236.7720,
-34.8890, -11.9850

■ 212.8740,
-79.6350, -27.0510

■ 244.5460,
-19.3930, -6.4730

■ 204.5130,
-94.8560, -32.0400

■ 252.6080, -4.7680,
-1.6960

■ 197.0380,
-109.7560, -37.3400

■ 255.0000, -0.0000,
-0.0000

■ 188.6770,
-124.9770, -42.3290

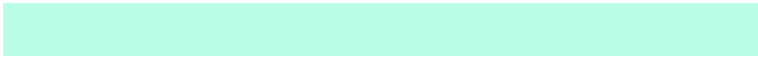
■ 181.2020,
-139.8770, -47.6290

■ 175.2330,
-150.3300, -50.9220

Harmonies

Analogous

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



230.2310, -32.2280, -21.6680



228.7100, -49.5140, -16.7620



228.1450, -46.3050, -14.3450

Triad

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



228.7100, -49.5140, -16.7620



238.5640, 7.7000, 14.6440



235.2630, 26.6400, -9.2320

Complementary

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



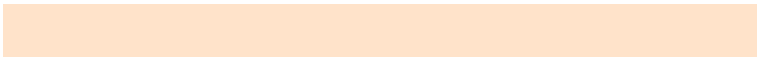
228.7100, -49.5140, -16.7620



197.2900, 49.5140, 16.7620

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.



232.5220, 24.7130, -1.8390



228.7100, -49.5140, -16.7620



234.8310, 11.3220, 15.0820

Square

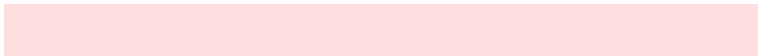
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



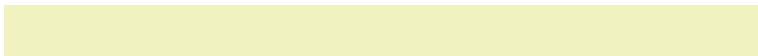
228.7100, -49.5140, -16.7620



236.3830, -8.2080, 5.5840



231.9810, 19.3470, 7.3070



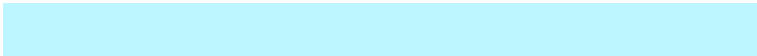
235.7020, 14.8580, -15.9740

Rectangle

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



228.7100, -49.5140, -16.7620



230.2820, -36.2650, -9.0730



231.9810, 19.3470, 7.3070



234.4310, 26.2270, -7.2530

Sweetspot

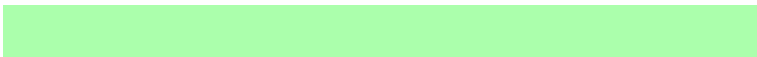
The Sweet Spot groups the original color and five complimentary colors.



228.7100, -49.5140, -16.7620



246.9380, -14.6250, -4.7770



220.4220, -23.4210, -43.6210



122.6290, -9.2610, -2.8690



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.



228.7100, -49.5140, -16.7620



223.3280, -60.2420, -20.5780



204.6430, -38.2390, 4.6810



123.5260, -7.4730, -2.2330



131.5430, -112.7360, -38.4000



43.6900, -37.5940, -12.5220

Inverse Universe

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



205.4640, 23.7420, 43.3100



194.8980, 28.6920, 52.7240



221.3570, 38.2390, -4.6810



120.2550, 3.8960, 6.4880



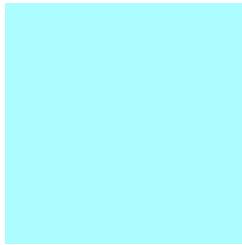
78.4270, 53.8090, 98.6490



26.2040, 18.2420, 32.8500

Previews

White Background



This preview shows how the YIQ color 228.7100, -49.5140, -16.7620 looks on a white background.

Color Contrast Check

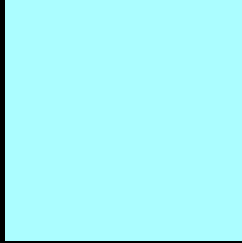
Large Text (above 18pt) WCAG AA × Fail

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 228.7100, -49.5140, -16.7620 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 228.7100, -49.5140, -16.7620 Background



This preview shows how black text looks on a background with the YIQ color 228.7100, -49.5140, -16.7620.



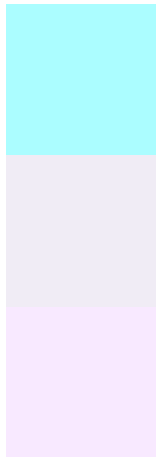
This preview shows how white text looks on a background with the YIQ color 228.7100, -49.5140, -16.7620.

-16.7620.

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

228.7100, -49.5140, -16.7620

Protanopia

238.2220, -0.5050, 3.6470

Deuteranopia

239.9930, 1.8780, 10.0220



Tritanopia

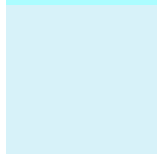
234.7890, -24.3910, -3.9990

Trichromacy



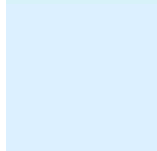
Original Color

228.7100, -49.5140, -16.7620



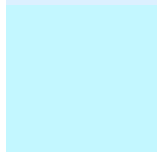
Protanomaly

234.7250, -18.3390, -3.5470



Deuteranomaly

235.7300, -16.7350, 0.4250



Tritanomaly

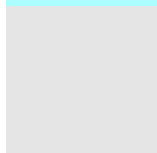
232.3640, -33.5600, -8.5360

Monochromacy



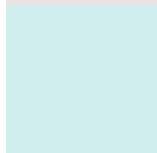
Original Color

228.7100, -49.5140, -16.7620



Achromatopsia

229.0000, -0.0000, -0.0000



Achromatomaly

229.0300, -17.8800, -6.3600

CSS Examples

Text

The CSS property to change the color of the text to YIQ 228.7100, -49.5140, -16.7620 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(171, 253, 255)` looks like.

```
.text, #text, p{  
    color:rgb(171, 253, 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(171, 253, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 253, 255) }
```

Border

The CSS property to change the border of an element to YIQ 228.7100, -49.5140, -16.7620 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(171, 253, 255) }
```


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

```
.border{ border-color:rgb(171, 253, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 253, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 253, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 253, 255);  
box-shadow:4px 4px 4px 4px rgb(171, 253,  
255) }
```

Background

The CSS property to change the background color of an element to YIQ 228.7100, -49.5140, -16.7620 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 253, 255) }
```

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

```
.background{ background-color: rgb(171,  
253, 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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