

Converting Colors

YIQ(227.5910, -50.7970,
-21.0450)

Have a look what the booklet for
YIQ(227.5910, -50.7970, -21.0450)
contains.

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Color

**YIQ(227.5910, -50.7970,
-21.0450)**

Conversions

Conversions Part 1

Format	Color
Hex	A6FFF8
RGB	166, 255, 248
RGB Percent	65%, 100%, 97%
CMY	0.3492, 0.0000, 0.0276
CMYK	0.35, 0.00, 0.03, 0.00
HSL	175°, 100%, 83%
HSV	175°, 35%, 100%
XYZ	68.4098, 86.3952, 101.8366
YIQ	227.5910, -50.7970, -21.0450

Conversions

Conversions Part 2

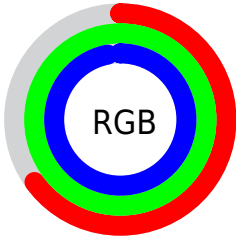
Format	Color
R_{YB}	166, 212, 255
Decimal	10944504
CIE _{Lab}	94.48, -28.12, -5.10
CIE _{LCh}	94, 28.583, 190.287
Yxy	86.3952, 0.2666, 0.3366
Android (android.graphics.Color)	4289134584 (0xFFA6FFF8)
YUV	227.5910, 10.0616, -54.0153
Hunter-Lab	92.9490, -31.2861, 0.1052

Details

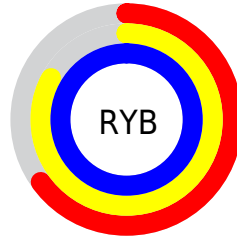
The YIQ color **227.5910, -50.7970, -21.0450** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **193.4090, 50.7970, 21.0450**, and the grayscale version is **228.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **245.7310, -18.4760, -6.5720**, and **171.0040, -50.5220, -20.5220** is the 20% darker color. If you saturate the color by 10%, you get **219.5890, -65.6510, -27.1790**, and if you desaturate by 10%, it is **235.2940, -36.5390, -15.1230**.

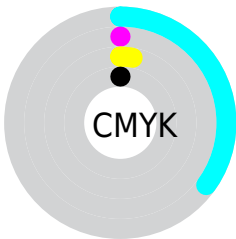
Distribution



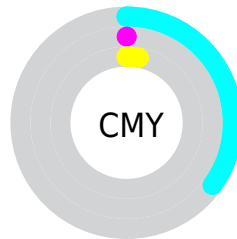
- Red (65%)
- Green (100%)
- Blue (97%)



- Red (65%)
- Yellow (83%)
- Blue (100%)



- Cyan (35%)
- Magenta (0%)
- Yellow (3%)
- Black (0%)



- Cyan (35%)
- Magenta (0%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 227.5910, -50.7970, -21.0450 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 227.5910, -50.7970, -21.0450 by changing the saturation by 10% instead.

227.5910,
-50.7970, -21.0450

227.5910,
-50.7970, -21.0450

255.0000, -0.0000,
-0.0000

198.8900,
-50.2010, -20.8330

245.7310,
-18.4760, -6.5720

171.0040,
-50.5220, -20.5220

254.4020, -1.1920,
-0.4240

143.4060,
-51.7140, -20.9460

115.5090,
-53.5020, -21.5820

85.4370, -62.1670,
-24.2390

64.6230, -53.8230,
-21.2710

47.9130, -39.8400,

-15.8720

■ 31.9040, -26.4530,
-10.6850

■ 17.2970, -14.2580,
-5.9220

■ 227.5910,
-50.7970, -21.0450

■ 227.5910,
-50.7970, -21.0450

■ 219.5890,
-65.6510, -27.1790

■ 235.2940,
-36.5390, -15.1230

■ 211.8860,
-79.9090, -33.1010

■ 243.2960,
-21.6850, -8.9890

■ 203.8840,
-94.7630, -39.2350

■ 250.9990, -7.4270,
-3.0670

■ 196.1810,
-109.0210, -45.1570

■ 255.0000, -0.0000,
-0.0000

■ 188.1790,
-123.8750, -51.2910

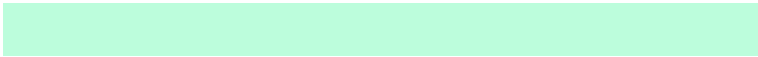
■ 180.4760,
-138.1330, -57.2130

■ 176.4750,
-145.5600, -60.2800

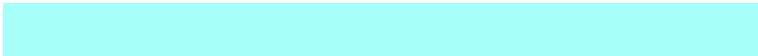
Harmonies

Analogous

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



229.8030, -28.1470, -24.0430



227.5910, -50.7970, -21.0450



226.3180, -54.2820, -18.4580

Triad

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



227.5910, -50.7970, -21.0450



239.7380, 7.1500, 13.5980



233.2740, 28.1070, -8.2850

Complementary

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



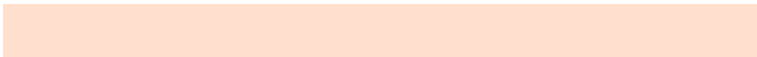
227.5910, -50.7970, -21.0450



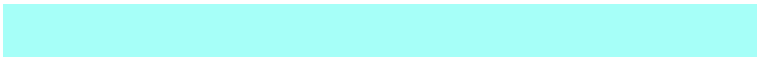
193.4090, 50.7970, 21.0450

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.



230.5160, 24.8500, 1.1860



227.5910, -50.7970, -21.0450



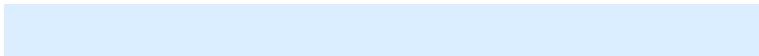
235.6290, 9.0750, 17.2590

Square

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



227.5910, -50.7970, -21.0450



234.2570, -16.7810, 1.2590



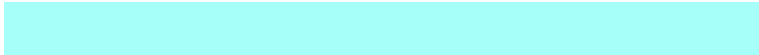
231.0180, 17.9250, 11.0530



236.7200, 23.6150, -14.9850

Rectangle

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



227.5910, -50.7970, -21.0450



227.2590, -46.6260, -14.0340



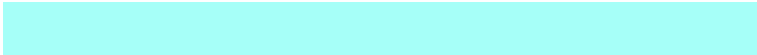
231.0180, 17.9250, 11.0530



231.9690, 27.6480, -5.4720

Sweetspot

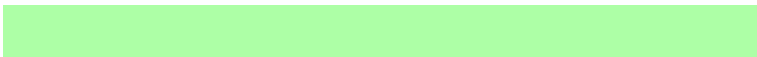
The Sweet Spot groups the original color and five complimentary colors.



227.5910, -50.7970, -21.0450



247.2970, -14.2580, -5.9220



220.3360, -20.3030, -45.0630



122.9880, -8.8940, -4.0140



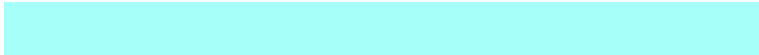
0.0000, 0.0000, 0.0000



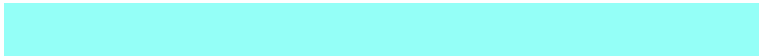
128.0000, -0.0000, -0.0000

Same Dimension

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



227.5910, -50.7970, -21.0450



222.0950, -61.2040, -25.1720



206.6700, -42.8690, 0.4830



123.8850, -7.1060, -3.3780



132.1810, -109.0210, -45.1570



44.2940, -36.5390, -15.1230

Inverse Universe

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



193.4090, 50.7970, 21.0450



180.9050, 61.2040, 25.1720



214.3300, 42.8690, -0.4830



119.0010, 7.4270, 3.0670



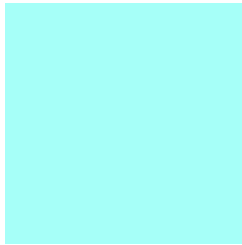
58.8190, 109.0210, 45.1570



19.7060, 36.5390, 15.1230

Previews

White Background



This preview shows how the YIQ color 227.5910, -50.7970, -21.0450 looks on a white background.

Color Contrast Check

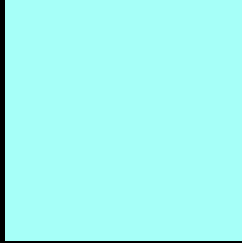
Large Text (above 18pt) WCAG AA × Fail

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 227.5910, -50.7970, -21.0450 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

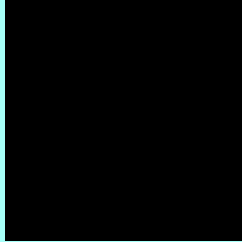
Any Text WCAG AA ✓ Pass

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 227.5910, -50.7970, -21.0450 Background



This preview shows how black text looks on a background with the YIQ color 227.5910, -50.7970, -21.0450.



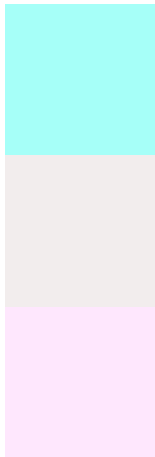
This preview shows how white text looks on a background with the YIQ color 227.5910, -50.7970, -21.0450.

-21.0450.

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

227.5910, -50.7970, -21.0450

Protanopia

238.4950, 2.9800, 1.0600

Deuteranopia

240.3850, 6.6460, 11.7180



Tritanopia

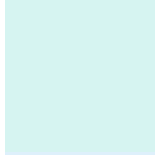
235.3760, -24.6660, -4.5220

Trichromacy



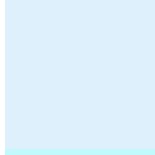
Original Color

227.5910, -50.7970, -21.0450



Protanomaly

234.6880, -16.9170, -7.2930



Deuteranomaly

235.8720, -14.2590, -0.3950



Tritanomaly

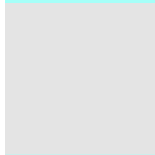
232.5980, -34.3390, -10.9390

Monochromacy



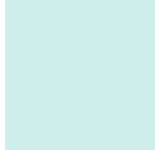
Original Color

227.5910, -50.7970, -21.0450



Achromatopsia

228.0000, 0.0000, 0.0000



Achromatomaly

227.7910, -18.7050, -7.9290

CSS Examples

Text

The CSS property to change the color of the text to YIQ 227.5910, -50.7970, -21.0450 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(166, 255, 248)` looks like.

```
.text, #text, p{  
    color:rgb(166, 255, 248)  
}
```

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(166, 255, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 255, 248) }
```

Border

The CSS property to change the border of an element to YIQ 227.5910, -50.7970, -21.0450 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(166, 255, 248) }
```


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

```
.border{ border-color:rgb(166, 255, 248) }
```

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

Here you see how a box with a 4 pixel `rgb(166, 255, 248)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 255, 248); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 255, 248);  
box-shadow:4px 4px 4px 4px rgb(166, 255,  
248) }
```

Background

The CSS property to change the background color of an element to YIQ 227.5910, -50.7970, -21.0450 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 255, 248) }
```

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

```
.background{ background-color: rgb(166,  
255, 248) }
```

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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