

Converting Colors

YIQ(221.6550, -47.6810,
-11.4330)

Have a look what the booklet for
YIQ(221.6550, -47.6810, -11.4330)
contains.

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Color

**YIQ(221.6550, -47.6810,
-11.4330)**

Conversions

Conversions Part 1

Format	Color
Hex	A9F2FF
RGB	169, 242, 255
RGB Percent	66%, 95%, 100%
CMY	0.3374, 0.0508, 0.0002
CMYK	0.34, 0.05, 0.00, 0.00
HSL	189°, 100%, 83%
HSV	189°, 34%, 100%
XYZ	66.1562, 79.1696, 106.3593
YIQ	221.6550, -47.6810, -11.4330

Conversions

Conversions Part 2

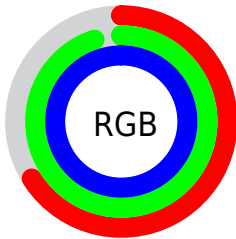
Format	Color
RYB	169, 208, 255
Decimal	11137791
CIELab	91.31, -19.43, -13.42
CIELCh	91, 23.620, 214.633
Yxy	79.1696, 0.2629, 0.3146
Android (android.graphics.Color)	4289327871 (0xFFA9F2FF)
YUV	221.6550, 16.4391, -46.1784
Hunter-Lab	88.9773, -22.9924, -8.5884

Details

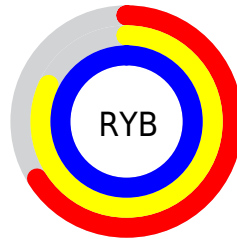
The YIQ color **221.6550, -47.6810, -11.4330** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **202.3450, 47.6810, 11.4330**, and the grayscale version is **222.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **246.6280, -16.6880, -5.9360**, and **165.5410, -47.3600, -11.7440** is the 20% darker color. If you saturate the color by 10%, you get **211.5330, -62.0770, -14.8530**, and if you desaturate by 10%, it is **231.4780, -33.8810, -8.2250**.

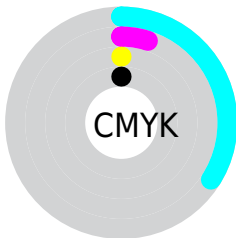
Distribution



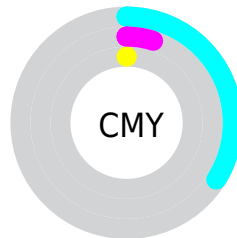
- Red (66%)
- Green (95%)
- Blue (100%)



- Red (66%)
- Yellow (82%)
- Blue (100%)



- Cyan (34%)
- Magenta (5%)
- Yellow (0%)
- Black (0%)



- Cyan (34%)
- Magenta (5%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 221.6550, -47.6810, -11.4330 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 221.6550, -47.6810, -11.4330 by changing the saturation by 10% instead.

■ 221.6550,
-47.6810, -11.4330

■ 221.6550,
-47.6810, -11.4330

■ 255.0000, -0.0000,
-0.0000

■ 193.5410,
-47.3600, -11.7440

■ 246.6280,
-16.6880, -5.9360

■ 165.5410,
-47.3600, -11.7440

■ 138.5410,
-47.3600, -11.7440

■ 110.9430,
-48.5520, -12.1680

■ 83.5510, -53.3200,
-13.8640

■ 59.4370, -52.9990,
-14.1750

■ 42.6130, -38.6950,

-9.0870

■ 27.1910, -25.5830,
-4.4230

■ 9.0620, -11.7380,
3.4780

■ 221.6550,
-47.6810, -11.4330

■ 221.6550,
-47.6810, -11.4330

■ 211.5330,
-62.0770, -14.8530

■ 231.4780,
-33.8810, -8.2250

■ 201.7100,
-75.8770, -18.0610

■ 241.6000,
-19.4850, -4.8050

■ 192.1750,
-90.5480, -22.0040

■ 251.4230, -5.6850,
-1.5970

■ 182.3520,
-104.3480, -25.2120

■ 255.0000, -0.0000,
-0.0000

■ 172.2300,
-118.7440, -28.6320

■ 162.4070,
-132.5440, -31.8400

■ 156.4490,
-141.5300, -34.1860

Harmonies

Analogous

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



221.2290, -37.9140, -17.7380



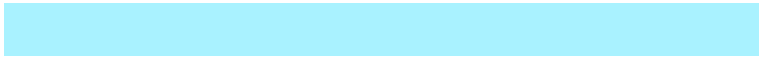
221.6550, -47.6810, -11.4330



223.1940, -38.8330, -6.5850

Triad

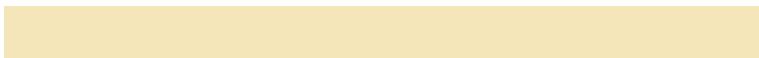
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



221.6550, -47.6810, -11.4330



232.1240, 12.0550, 18.3190



229.0560, 22.7890, -11.0270

Complementary

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



221.6550, -47.6810, -11.4330



202.3450, 47.6810, 11.4330

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.



228.2190, 29.9400, -2.9560



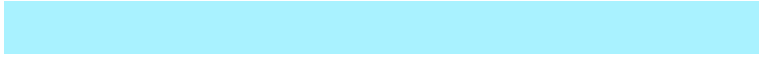
221.6550, -47.6810, -11.4330



227.7410, 20.2630, 12.7350

Square

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



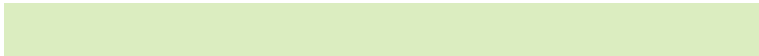
221.6550, -47.6810, -11.4330



231.4320, -0.7360, 13.3440



226.4070, 26.7750, 4.8470



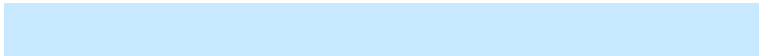
226.4880, 3.7170, -17.8110

Rectangle

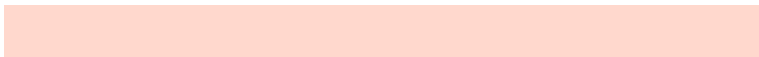
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



221.6550, -47.6810, -11.4330



225.3420, -27.3260, -0.3660



226.4070, 26.7750, 4.8470



229.6870, 28.3820, -7.7620

Sweetspot

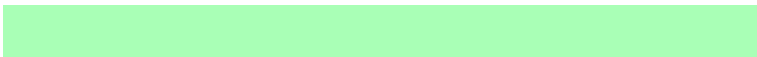
The Sweet Spot groups the original color and five complimentary colors.



221.6550, -47.6810, -11.4330



245.1770, -13.8000, -3.2080



220.9640, -27.8230, -40.9350



121.4550, -8.7110, -1.8230



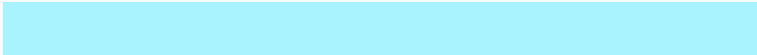
0.0000, 0.0000, 0.0000



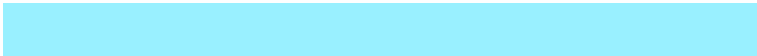
128.0000, -0.0000, -0.0000

Same Dimension

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



221.6550, -47.6810, -11.4330



215.6970, -56.6670, -13.7790



196.4140, -35.8560, 11.0560



122.9390, -7.1980, -1.7100



117.4550, -106.1360, -25.8480



38.9940, -35.3940, -8.3380

Inverse Universe

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



203.0360, 27.8230, 40.9350



193.4160, 32.8650, 48.6810



227.5860, 35.8560, -11.0560



120.1410, 4.2170, 6.1770



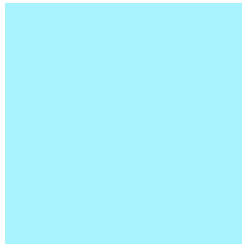
75.6910, 61.5130, 91.1850



25.2920, 20.8100, 30.3620

Previews

White Background



This preview shows how the YIQ color 221.6550, -47.6810, -11.4330 looks on a white background.

Color Contrast Check

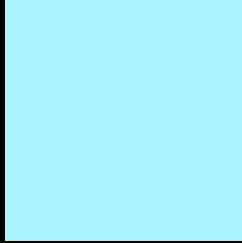
Large Text (above 18pt) WCAG AA × Fail

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 221.6550, -47.6810, -11.4330 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 221.6550, -47.6810, -11.4330 Background



This preview shows how black text looks on a background with the YIQ color 221.6550, -47.6810, -11.4330.



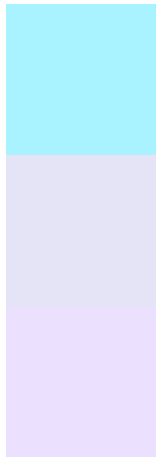
This preview shows how white text looks on a background with the YIQ color 221.6550, -47.6810, -11.4330.

-11.4330.

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

221.6550, -47.6810, -11.4330

Protanopia

230.0520, -5.7780, 5.5980

Deuteranopia

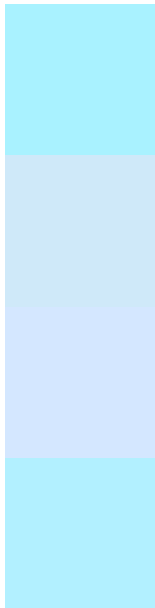
231.1220, -2.7990, 12.1850



Tritanopia

224.0800, -38.5120, -6.8960

Trichromacy



Original Color

221.6550, -47.6810, -11.4330

Protanomaly

227.0500, -20.6320, -0.5360

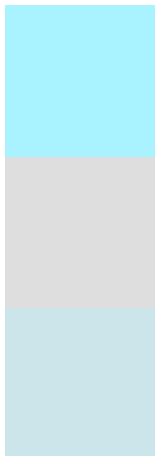
Deuteranomaly

228.0550, -19.0280, 3.4360

Tritanomaly

223.1720, -41.7670, -8.4790

Monochromacy



Original Color

221.6550, -47.6810, -11.4330

Achromatopsia

222.0000, -0.0000, 0.0000

Achromatomaly

221.7960, -17.1010, -3.9570

CSS Examples

Text

The CSS property to change the color of the text to YIQ 221.6550, -47.6810, -11.4330 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(169, 242, 255)` looks like.

```
.text, #text, p{  
    color:rgb(169, 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(169, 242, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 242, 255) }
```

Border

The CSS property to change the border of an element to YIQ 221.6550, -47.6810, -11.4330 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(169, 242, 255) }
```


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

```
.border{ border-color:rgb(169, 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(169, 242, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 242, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 242, 255);  
box-shadow:4px 4px 4px 4px rgb(169, 242,  
255) }
```

Background

The CSS property to change the background color of an element to YIQ 221.6550, -47.6810, -11.4330 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 242, 255) }
```

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

```
.background{ background-color: rgb(169,  
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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