

Converting Colors

YIQ(222.2420, -47.9560,
-11.9560)

Have a look what the booklet for
YIQ(222.2420, -47.9560, -11.9560)
contains.

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Color

**YIQ(222.2420, -47.9560,
-11.9560)**

Conversions

Conversions Part 1

Format	Color
Hex	A9F3FF
RGB	169, 243, 255
RGB Percent	66%, 95%, 100%
CMY	0.3374, 0.0469, 0.0002
CMYK	0.34, 0.05, 0.00, 0.00
HSL	188°, 100%, 83%
HSV	188°, 34%, 100%
XYZ	66.4547, 79.7668, 106.4588
YIQ	222.2420, -47.9560, -11.9560

Conversions

Conversions Part 2

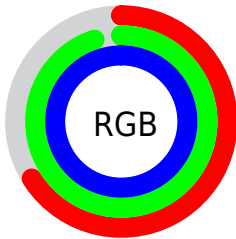
Format	Color
R_{YB}	169, 209, 255
Decimal	11138047
CIE _{Lab}	91.58, -19.93, -13.02
CIE _{LCh}	92, 23.806, 213.160
Yxy	79.7668, 0.2630, 0.3157
Android (android.graphics.Color)	4289328127 (0xFFA9F3FF)
YUV	222.2420, 16.1497, -46.6932
Hunter-Lab	89.3123, -23.4798, -8.1541

Details

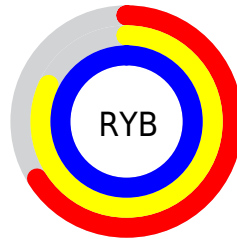
The YIQ color **222.2420, -47.9560, -11.9560** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **201.7580, 47.9560, 11.9560**, and the grayscale version is **222.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **246.6280, -16.6880, -5.9360**, and **166.1280, -47.6350, -12.2670** is the 20% darker color. If you saturate the color by 10%, you get **212.7070, -62.6270, -15.8990**, and if you desaturate by 10%, it is **232.0650, -34.1560, -8.7480**.

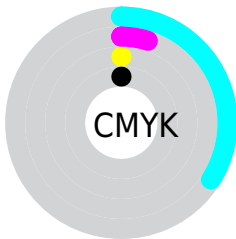
Distribution



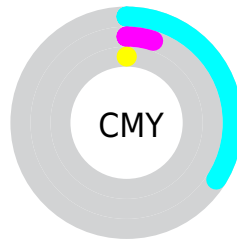
- Red (66%)
- Green (95%)
- Blue (100%)



- 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 222.2420, -47.9560, -11.9560 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 222.2420, -47.9560, -11.9560 by changing the saturation by 10% instead.

222.2420,
-47.9560, -11.9560

222.2420,
-47.9560, -11.9560

255.0000, -0.0000,
-0.0000

194.1280,
-47.6350, -12.2670

246.6280,
-16.6880, -5.9360

166.1280,
-47.6350, -12.2670

138.8290,
-48.2310, -12.4790

111.5300,
-48.8270, -12.6910

84.1380, -53.5950,
-14.3870

59.4370, -52.9990,
-14.1750

43.2000, -38.9700,

-9.6100

■ 27.7780, -25.8580,
-4.9460

■ 10.2360, -12.2880,
2.4320

■ 222.2420,
-47.9560, -11.9560

■ 222.2420,
-47.9560, -11.9560

■ 212.7070,
-62.6270, -15.8990

■ 232.0650,
-34.1560, -8.7480

■ 202.8840,
-76.4270, -19.1070

■ 241.6000,
-19.4850, -4.8050

■ 192.7620,
-90.8230, -22.5270

■ 251.4230, -5.6850,
-1.5970

■ 183.5260,
-104.8980, -26.2580

■ 255.0000, -0.0000,
-0.0000

■ 173.4040,
-119.2940, -29.6780

■ 164.1680,
-133.3690, -33.4090

■ 158.2100,
-142.3550, -35.7550

Harmonies

Analogous

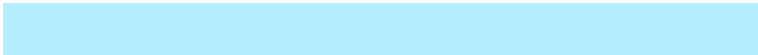
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



222.1150, -37.5930, -18.0490



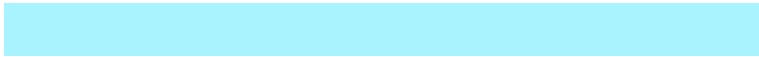
222.2420, -47.9560, -11.9560



223.4820, -39.7040, -7.3200

Triad

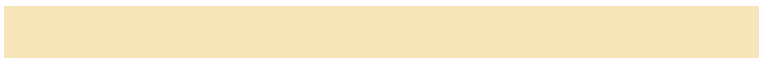
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



222.2420, -47.9560, -11.9560



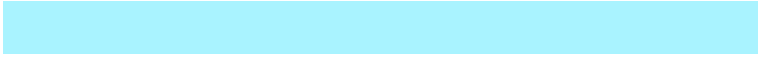
232.9390, 11.1380, 18.4180



229.6540, 23.9810, -10.6030

Complementary

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



222.2420, -47.9560, -11.9560



201.7580, 47.9560, 11.9560

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.



228.9200, 29.3440, -3.1680



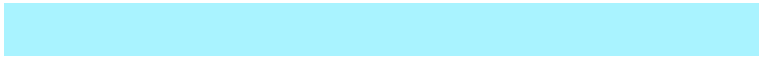
222.2420, -47.9560, -11.9560



228.5560, 19.3460, 12.8340

Square

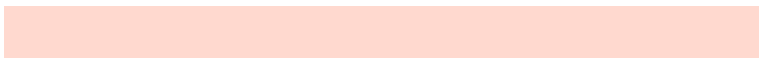
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



222.2420, -47.9560, -11.9560



231.7200, -1.6070, 12.6090



227.2220, 25.8580, 4.9460



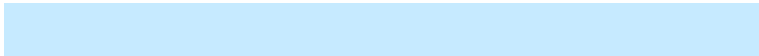
227.0860, 4.9090, -17.3870

Rectangle

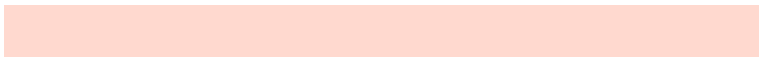
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



222.2420, -47.9560, -11.9560



225.6300, -28.1970, -1.1010



227.2220, 25.8580, 4.9460



230.9860, 28.9780, -7.5500

Sweetspot

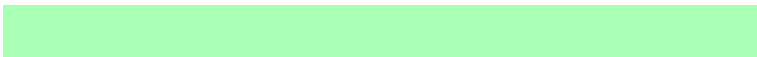
The Sweet Spot groups the original color and five complimentary colors.



222.2420, -47.9560, -11.9560



245.1770, -13.8000, -3.2080



220.7360, -27.1810, -41.5570



121.4550, -8.7110, -1.8230



0.0000, 0.0000, 0.0000



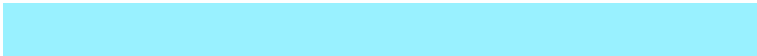
128.0000, -0.0000, -0.0000

Same Dimension

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



222.2420, -47.9560, -11.9560



216.2840, -56.9420, -14.3020



197.0010, -36.1310, 10.5330



122.9390, -7.1980, -1.7100



118.6290, -106.6860, -26.8940



39.5810, -35.6690, -8.8610

Inverse Universe

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



203.1500, 27.5020, 41.2460



193.5300, 32.5440, 48.9920



226.4120, 36.4060, -10.0100



120.1410, 4.2170, 6.1770



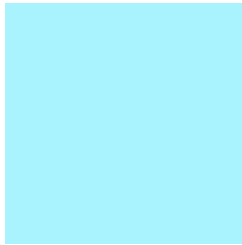
75.9190, 60.8710, 91.8070



25.4060, 20.4890, 30.6730

Previews

White Background



This preview shows how the YIQ color 222.2420, -47.9560, -11.9560 looks on a white background.

Color Contrast Check

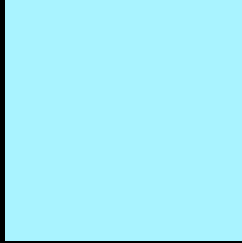
Large Text (above 18pt) WCAG AA × Fail

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 222.2420, -47.9560, -11.9560 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

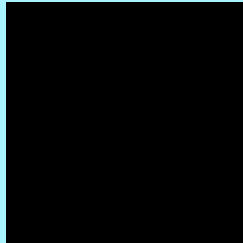
Any Text WCAG AA ✓ Pass

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 222.2420, -47.9560, -11.9560 Background



This preview shows how black text looks on a background with the YIQ color 222.2420, -47.9560, -11.9560.



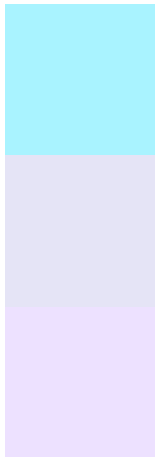
This preview shows how white text looks on a background with the YIQ color 222.2420, -47.9560, -11.9560.

-11.9560.

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

222.2420, -47.9560, -11.9560

Protanopia

230.3510, -5.1820, 5.8100

Deuteranopia

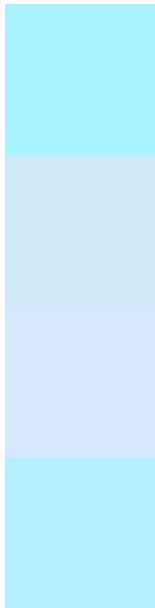
232.0080, -2.4780, 11.8740



Tritanopia

224.6780, -37.3200, -6.4720

Trichromacy



Original Color

222.2420, -47.9560, -11.9560

Protanomaly

227.0500, -20.6320, -0.5360

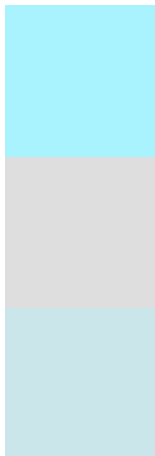
Deuteranomaly

228.6420, -19.3030, 2.9130

Tritanomaly

223.4710, -41.1710, -8.2670

Monochromacy



Original Color

222.2420, -47.9560, -11.9560

Achromatopsia

222.0000, -0.0000, 0.0000

Achromatomaly

222.3830, -17.3760, -4.4800

CSS Examples

Text

The CSS property to change the color of the text to YIQ 222.2420, -47.9560, -11.9560 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, 243, 255)` looks like.

```
.text, #text, p{  
    color:rgb(169, 243, 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, 243, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 243, 255) }
```

Border

The CSS property to change the border of an element to YIQ 222.2420, -47.9560, -11.9560 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, 243, 255) }
```


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

```
.border{ border-color:rgb(169, 243, 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, 243, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 243, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 243, 255);  
box-shadow:4px 4px 4px 4px rgb(169, 243,  
255) }
```

Background

The CSS property to change the background color of an element to YIQ 222.2420, -47.9560, -11.9560 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 243, 255) }
```

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

```
.background{ background-color: rgb(169,  
243, 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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