

Converting Colors

YIQ(223.9330, -42.5920,
-10.0480)

Have a look what the booklet for
YIQ(223.9330, -42.5920, -10.0480)
contains.

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Color

**YIQ(223.9330, -42.5920,
-10.0480)**

Conversions

Conversions Part 1

Format	Color
Hex	B1F2FE
RGB	177, 242, 254
RGB Percent	69%, 95%, 100%
CMY	0.3060, 0.0509, 0.0041
CMYK	0.30, 0.05, 0.00, 0.00
HSL	189°, 97%, 84%
HSV	189°, 30%, 100%
XYZ	67.7653, 80.0161, 105.6008
YIQ	223.9330, -42.5920, -10.0480

Conversions

Conversions Part 2

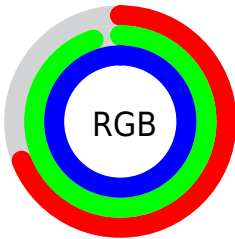
Format	Color
RYB	177, 212, 254
Decimal	11662078
CIELab	91.69, -17.51, -12.29
CIElCh	92, 21.398, 215.067
Yxy	80.0161, 0.2674, 0.3158
Android (android.graphics.Color)	4289852158 (0xFFB1F2FE)
YUV	223.9330, 14.8230, -41.1602
Hunter-Lab	89.4517, -21.3155, -7.3777

Details

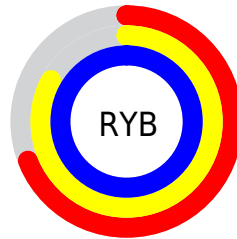
The YIQ color **223.9330, -42.5920, -10.0480** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **207.0670, 42.5920, 10.0480**, and the grayscale version is **224.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **248.7210, -12.5160, -4.4520**, and **168.1180, -41.6750, -10.1470** is the 20% darker color. If you saturate the color by 10%, you get **214.1100, -56.3920, -13.2560**, and if you desaturate by 10%, it is **233.7560, -28.7920, -6.8400**.

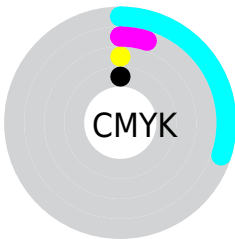
Distribution



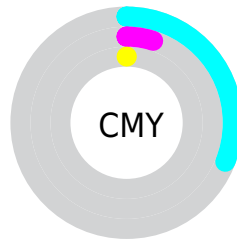
- Red (69%)
- Green (95%)
- Blue (100%)



- Red (69%)
- Yellow (83%)
- Blue (100%)



- Cyan (30%)
- Magenta (5%)
- Yellow (0%)
- Black (0%)



- Cyan (31%)
- Magenta (5%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 223.9330, -42.5920, -10.0480 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 223.9330, -42.5920, -10.0480 by changing the saturation by 10% instead.

■ 223.9330,
-42.5920, -10.0480

■ 223.9330,
-42.5920, -10.0480

■ 255.0000, -0.0000,
-0.0000

■ 195.8190,
-42.2710, -10.3590

■ 248.7210,
-12.5160, -4.4520

■ 168.1180,
-41.6750, -10.1470

■ 141.1180,
-41.6750, -10.1470

■ 114.8190,
-42.2710, -10.3590

■ 87.9220, -44.0590,
-10.9950

■ 59.3230, -52.6780,
-14.4860

■ 43.2000, -38.9700,

-9.6100

■ 27.6640, -25.5370,
-5.2570

■ 10.7090, -12.2420,
1.5980

■ 223.9330,
-42.5920, -10.0480

■ 223.9330,
-42.5920, -10.0480

■ 214.1100,
-56.3920, -13.2560

■ 233.7560,
-28.7920, -6.8400

■ 203.9880,
-70.7880, -16.6760

■ 243.8780,
-14.3960, -3.4200

■ 194.1650,
-84.5880, -19.8840

■ 253.7010, -0.5960,
-0.2120

■ 184.0430,
-98.9840, -23.3040

■ 254.8860, 0.3210,
-0.3110

■ 174.2200,
-112.7840, -26.5120

■ 164.3970,
-126.5840, -29.7200

■ 155.1610,
-140.6590, -33.4510

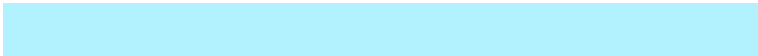
Harmonies

Analogous

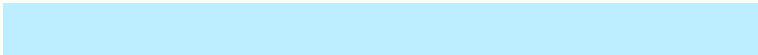
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



223.4360, -34.0630, -15.9430



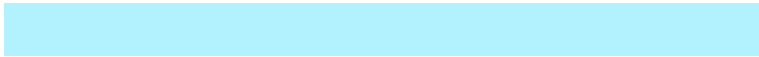
223.9330, -42.5920, -10.0480



225.2870, -34.6610, -5.1010

Triad

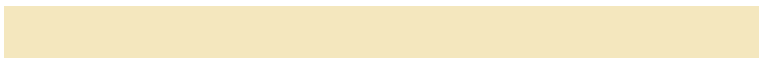
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



223.9330, -42.5920, -10.0480



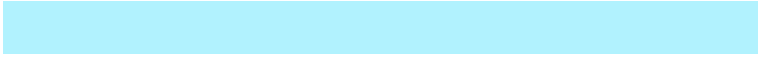
233.1840, 11.8260, 16.9620



230.2130, 20.9090, -9.9950

Complementary

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



223.9330, -42.5920, -10.0480



207.0670, 42.5920, 10.0480

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.



229.9630, 27.7850, -2.4470



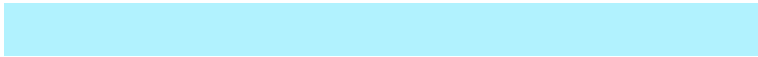
223.9330, -42.5920, -10.0480



229.6160, 19.1170, 11.4770

Square

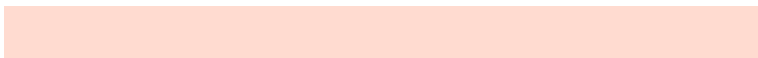
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



223.9330, -42.5920, -10.0480



232.6060, -1.2860, 12.2980



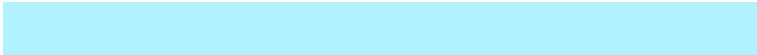
228.5100, 24.9870, 4.2110



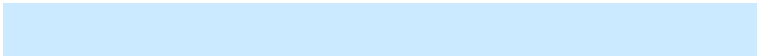
227.6560, 3.3040, -15.8320

Rectangle

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



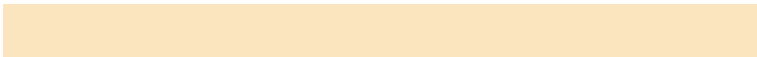
223.9330, -42.5920, -10.0480



227.4240, -24.6210, 0.1710



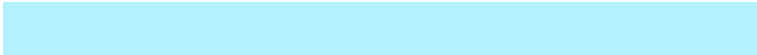
228.5100, 24.9870, 4.2110



231.2460, 25.3100, -7.1540

Sweetspot

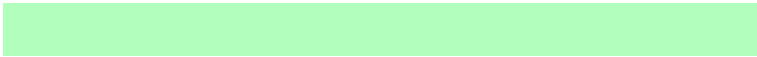
The Sweet Spot groups the original color and five complimentary colors.



223.9330, -42.5920, -10.0480



245.7750, -12.6080, -2.7840



223.5670, -25.0270, -36.5390



121.7540, -8.1150, -1.6110



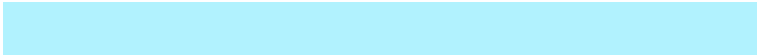
0.0000, 0.0000, 0.0000



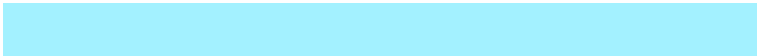
128.0000, -0.0000, -0.0000

Same Dimension

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



223.9330, -42.5920, -10.0480



219.2740, -50.9820, -12.1820



201.6270, -32.1420, 9.8260



122.9390, -7.1980, -1.7100



116.8680, -105.8610, -25.3250



38.9940, -35.3940, -8.3380

Inverse Universe

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



207.4330, 25.0270, 36.5390



199.4000, 29.7940, 43.7620



229.3730, 32.1420, -9.8260



120.1410, 4.2170, 6.1770



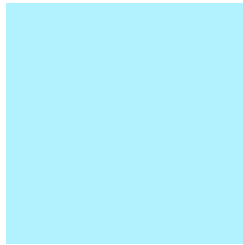
75.5770, 61.8340, 90.8740



25.2920, 20.8100, 30.3620

Previews

White Background



This preview shows how the YIQ color 223.9330, -42.5920, -10.0480 looks on a white background.

Color Contrast Check

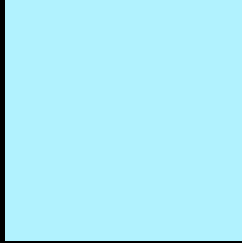
Large Text (above 18pt) WCAG AA × Fail

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 223.9330, -42.5920, -10.0480 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 223.9330, -42.5920, -10.0480 Background



This preview shows how black text looks on a background with the YIQ color 223.9330, -42.5920, -10.0480.



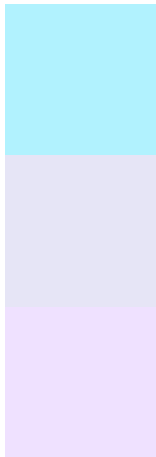
This preview shows how white text looks on a background with the YIQ color 223.9330, -42.5920, -10.0480.

-10.0480.

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

223.9330, -42.5920, -10.0480

Protanopia

231.2370, -4.8610, 5.4990

Deuteranopia

232.6060, -1.2860, 12.2980



Tritanopia

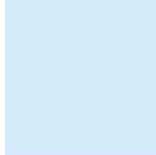
226.1730, -34.3400, -5.4120

Trichromacy



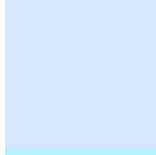
Original Color

223.9330, -42.5920, -10.0480



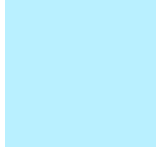
Protanomaly

228.8330, -18.5230, -0.2110



Deuteranomaly

229.2510, -16.6440, 4.2840



Tritanomaly

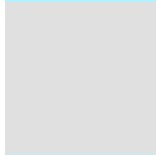
225.2650, -37.5950, -6.9950

Monochromacy



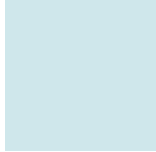
Original Color

223.9330, -42.5920, -10.0480



Achromatopsia

224.0000, -0.0000, 0.0000



Achromatomaly

224.2800, -15.5880, -3.8440

CSS Examples

Text

The CSS property to change the color of the text to YIQ 223.9330, -42.5920, -10.0480 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(177, 242, 254)` looks like.

```
.text, #text, p{  
    color:rgb(177, 242, 254)  
}
```

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(177, 242, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 242, 254) }
```

Border

The CSS property to change the border of an element to YIQ 223.9330, -42.5920, -10.0480 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(177, 242, 254) }
```


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

```
.border{ border-color:rgb(177, 242, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(177, 242, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 242, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 242, 254);  
box-shadow:4px 4px 4px 4px rgb(177, 242,  
254) }
```

Background

The CSS property to change the background color of an element to YIQ 223.9330, -42.5920, -10.0480 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 242, 254) }
```

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

```
.background{ background-color: rgb(177,  
242, 254) }
```

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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