

Converting Colors

YIQ(225.3930, -24.4770,
-35.4930)

Have a look what the booklet for
YIQ(225.3930, -24.4770, -35.4930)
contains.

YIQ(225.3930, -24.4770, -35.4930)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(225.3930, -24.4770,
-35.4930)**

Conversions

Conversions Part 1

Format	Color
Hex	B4FFC0
RGB	180, 255, 192
RGB Percent	71%, 100%, 75%
CMY	0.2943, 0.0000, 0.2471
CMYK	0.29, 0.00, 0.25, 0.00
HSL	130°, 100%, 85%
HSV	130°, 29%, 100%
XYZ	64.0825, 85.0219, 62.8954
YIQ	225.3930, -24.4770, -35.4930

Conversions

Conversions Part 2

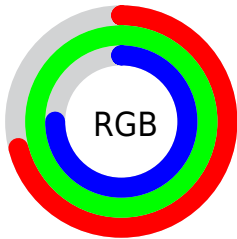
Format	Color
RYB	180, 245, 255
Decimal	11861952
CIELab	93.89, -35.24, 22.91
CIElCh	94, 42.031, 146.978
Yxy	85.0219, 0.3023, 0.4010
Android (android.graphics.Color)	4290052032 (0xFFB4FFC0)
YUV	225.3930, -16.4627, -39.8097
Hunter-Lab	92.2073, -37.3083, 24.1029

Details

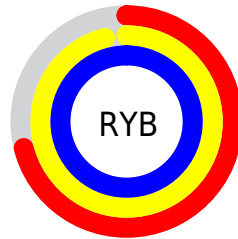
The YIQ color **225.3930, -24.4770, -35.4930** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **209.6070, 24.4770, 35.4930**, and the grayscale version is **226.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **248.9340, -8.8020, -5.6820**, and **169.3330, -24.2480, -34.1360** is the 20% darker color. If you saturate the color by 10%, you get **215.2250, -33.2320, -47.5360**, and if you desaturate by 10%, it is **235.2620, -16.3180, -23.6620**.

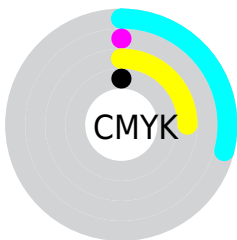
Distribution



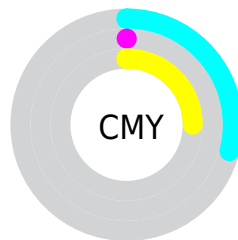
- Red (71%)
- Green (100%)
- Blue (75%)



- Red (71%)
- Yellow (96%)
- Blue (100%)



- Cyan (29%)
- Magenta (0%)
- Yellow (25%)
- Black (0%)





- Cyan (29%)
- Magenta (0%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 225.3930, -24.4770, -35.4930 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 225.3930, -24.4770, -35.4930 by changing the saturation by 10% instead.


 225.3930,
-24.4770, -35.4930


 225.3930,
-24.4770, -35.4930


255.0000, -0.0000,
-0.0000


 196.9200,
-24.5230, -34.6590


 248.9340, -8.8020,
-5.6820

 169.3330,
-24.2480, -34.1360

 141.9740,
-24.6150, -32.9910

 116.0880,
-24.9360, -32.6800

 89.4300, -25.8990,
-31.7470

 62.5650, -30.7130,
-32.6090

 42.0820, -24.7990,

-29.6550

■ 26.4150, -12.3750,
-23.5350

■ 12.9140, -6.0500,
-11.5060

■ 225.3930,
-24.4770, -35.4930

■ 225.3930,
-24.4770, -35.4930

■ 215.2250,
-33.2320, -47.5360

■ 235.2620,
-16.3180, -23.6620

■ 205.2420,
-41.0700, -59.6780

■ 245.5440, -7.8840,
-11.3080

■ 195.0740,
-49.8250, -71.7210

255.0000, -0.0000,
-0.0000

■ 185.0910,
-57.6630, -83.8630

■ 174.9230,
-66.4180, -95.9060

■ 165.0540,
-74.5770, -107.7370

■ 154.7720,
-83.0110, -120.0910

■ 154.3590,
-83.2860, -120.6140

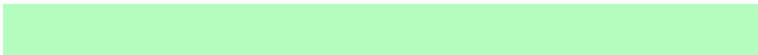
Harmonies

Analogous

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



230.9710, 14.9980, -29.5300



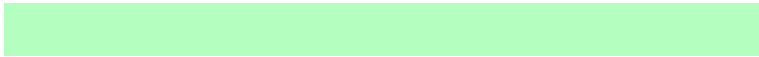
225.3930, -24.4770, -35.4930



215.6010, -65.9250, -33.2290

Triad

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



225.3930, -24.4770, -35.4930



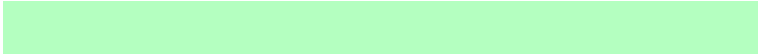
224.3350, -43.7840, -10.4720



222.0700, 29.3420, 7.8860

Complementary

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



225.3930, -24.4770, -35.4930



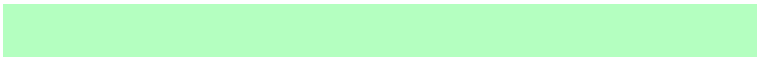
209.6070, 24.4770, 35.4930

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.



225.4560, 17.0520, 21.3720



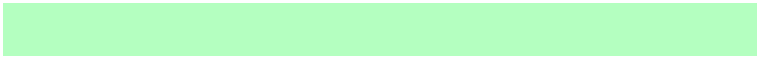
225.3930, -24.4770, -35.4930



233.7690, -3.3030, 10.3050

Square

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



225.3930, -24.4770, -35.4930



212.8630, -81.1020, -27.9980



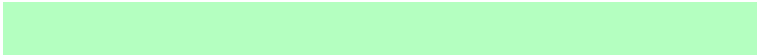
231.5200, 11.0000, 20.9200



224.8790, 36.5890, -7.8190

Rectangle

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



225.3930, -24.4770, -35.4930



210.4490, -88.8040, -31.5880



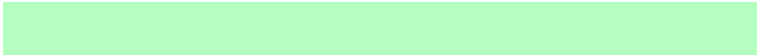
231.5200, 11.0000, 20.9200



222.3780, 25.7190, 12.9750

Sweetspot

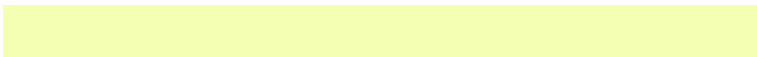
The Sweet Spot groups the original color and five complimentary colors.



225.3930, -24.4770, -35.4930



245.9570, -7.6090, -10.7850



243.1610, 17.5190, -25.6570



122.1470, -5.0880, -6.9120



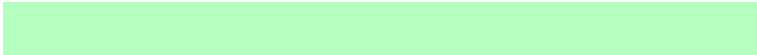
0.0000, 0.0000, 0.0000



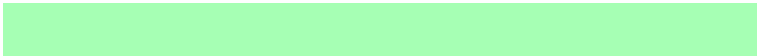
128.0000, -0.0000, -0.0000

Same Dimension

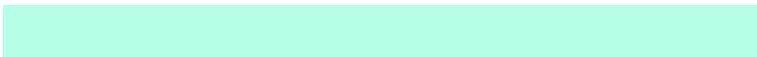
The Same Dimension uses a secret algorithm to generate beautiful new colors.



225.3930, -24.4770, -35.4930



219.8390, -28.9690, -42.1930



229.6110, -36.3540, -23.9860



122.8590, -4.2170, -6.1770



115.6510, -62.4760, -90.2520



38.7080, -20.8100, -30.3620

Inverse Universe

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



209.6070, 24.4770, 35.4930



201.1610, 28.9690, 42.1930



205.3890, 36.3540, 23.9860



120.0270, 4.5380, 5.8660



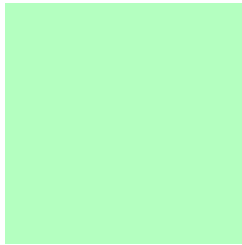
75.4630, 62.1550, 90.5630



25.2920, 20.8100, 30.3620

Previews

White Background



This preview shows how the YIQ color 225.3930, -24.4770, -35.4930 looks on a white background.

Color Contrast Check

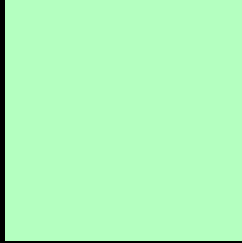
Large Text (above 18pt) WCAG AA × Fail

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 225.3930, -24.4770, -35.4930 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

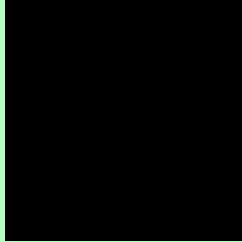
Any Text WCAG AA ✓ Pass

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 225.3930, -24.4770, -35.4930 Background



This preview shows how black text looks on a background with the YIQ color 225.3930, -24.4770, -35.4930.



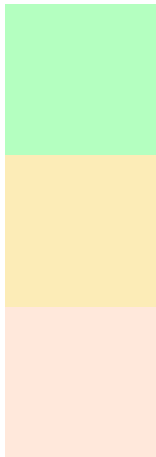
This preview shows how white text looks on a background with the YIQ color 225.3930, -24.4770, -35.4930.

-35.4930.

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

225.3930, -24.4770, -35.4930

Protanopia

234.7420, 26.5490, -13.0910

Deuteranopia

237.3950, 17.8810, 0.8330



Tritanopia

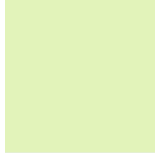
234.2130, -22.6490, -2.5290

Trichromacy



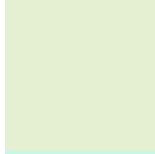
Original Color

225.3930, -24.4770, -35.4930



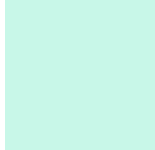
Protanomaly

231.4190, 8.1650, -21.3310



Deuteranomaly

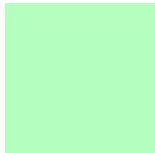
232.8780, 2.7990, -12.1850



Tritanomaly

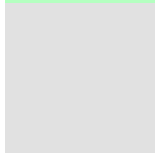
231.2370, -23.1970, -14.6290

Monochromacy



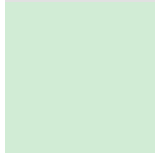
Original Color

225.3930, -24.4770, -35.4930



Achromatopsia

225.0000, -0.0000, -0.0000



Achromatomaly

225.3050, -8.7090, -12.8770

CSS Examples

Text

The CSS property to change the color of the text to YIQ 225.3930, -24.4770, -35.4930 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(180, 255, 192)` looks like.

```
.text, #text, p{  
    color:rgb(180, 255, 192)  
}
```

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(180, 255, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 255, 192) }
```

Border

The CSS property to change the border of an element to YIQ 225.3930, -24.4770, -35.4930 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(180, 255, 192) }
```


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

```
.border{ border-color:rgb(180, 255, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 255, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 255, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 255, 192);  
box-shadow:4px 4px 4px 4px rgb(180, 255,  
192) }
```

Background

The CSS property to change the background color of an element to YIQ 225.3930, -24.4770, -35.4930 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 255, 192) }
```

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

```
.background{ background-color: rgb(180,  
255, 192) }
```

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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