

Converting Colors

YIQ(193.9450, -50.8930, 2.7310)

Have a look what the booklet for
YIQ(193.9450, -50.8930, 2.7310)
contains.

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Color

**YIQ(193.9450, -50.8930,
2.7310)**

Conversions

Conversions Part 1

Format	Color
Hex	93CEFF
RGB	147, 206, 255
RGB Percent	58%, 81%, 100%
CMY	0.4236, 0.1920, 0.0002
CMYK	0.42, 0.19, 0.00, 0.00
HSL	207°, 100%, 79%
HSV	207°, 42%, 100%
XYZ	52.1451, 57.5711, 102.9201
YIQ	193.9450, -50.8930, 2.7310

Conversions

Conversions Part 2

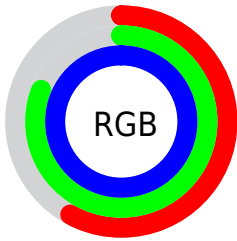
Format	Color
R_{YB}	147, 185, 255
Decimal	9686783
CIE Lab	80.50, -6.63, -29.90
CIE LCh	80, 30.627, 257.501
Yxy	57.5711, 0.2452, 0.2707
Android (android.graphics.Color)	4287876863 (0xFF93CEFF)
YUV	193.9450, 30.1001, -41.1708
Hunter-Lab	75.8756, -10.1094, -27.3099

Details

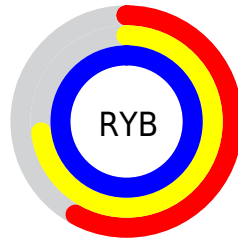
The YIQ color **193.9450, -50.8930, 2.7310** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **208.0550, 50.8930, -2.7310**, and the grayscale version is **194.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **240.0500, -29.8000, -10.6000**, and **138.7060, -51.7180, 1.1620** is the 20% darker color. If you saturate the color by 10%, you get **179.1270, -63.0890, 3.4950**, and if you desaturate by 10%, it is **208.4640, -39.2930, 1.7550**.

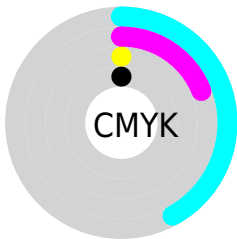
Distribution



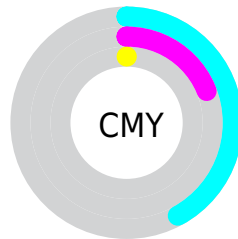
- Red (58%)
- Green (81%)
- Blue (100%)



- Red (58%)
- Yellow (73%)
- Blue (100%)



- Cyan (42%)
- Magenta (19%)
- Yellow (0%)
- Black (0%)



- Cyan (42%)
- Magenta (19%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 193.9450, -50.8930, 2.7310 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 193.9450, -50.8930, 2.7310 by changing the saturation by 10% instead.

■ 193.9450,
-50.8930, 2.7310

■ 193.9450,
-50.8930, 2.7310

■ 255.0000, -0.0000,
-0.0000

■ 166.4180,
-50.8470, 1.8970

■ 239.7510,
-30.3960, -10.8120

■ 138.7060,
-51.7180, 1.1620

■ 248.7210,
-12.5160, -4.4520

■ 111.6950,
-53.1850, 0.2150

■ 83.1780, -59.0990,
-2.7390

■ 58.6510, -59.0530,
-3.5730

■ 42.8870, -44.9780,
0.1580

■ 27.8240, -31.4990,

3.6770

■ 9.4670, -17.0120,
10.9560

■ 3.4370, -8.3000,
7.2520

■ 193.9450,
-50.8930, 2.7310

■ 193.9450,
-50.8930, 2.7310

■ 179.1270,
-63.0890, 3.4950

■ 208.4640,
-39.2930, 1.7550

■ 165.1950,
-74.9640, 3.9480

■ 222.6950,
-26.8220, 1.5140

■ 150.3770,
-87.1600, 4.7120

■ 237.2140,
-15.2220, 0.5380

■ 136.4450,
-99.0350, 5.1650

■ 251.4450, -2.7510,
0.2970

■ 121.9260,
-110.6350, 6.1410

255.0000, -0.0000,
-0.0000

■ 110.6630,
-120.0800, 6.6080

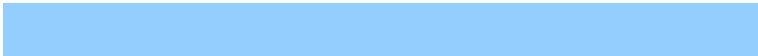
Harmonies

Analogous

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



187.4880, -66.2040, -11.6440



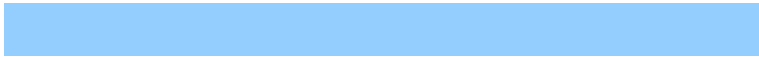
193.9450, -50.8930, 2.7310



200.8070, -23.6610, 15.8190

Triad

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



193.9450, -50.8930, 2.7310



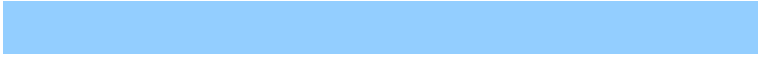
202.2940, 43.6910, 17.6670



193.2260, -7.4690, -24.3410

Complementary

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



193.9450, -50.8930, 2.7310



208.0550, 50.8930, -2.7310

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.



196.3880, 18.6180, -18.0380



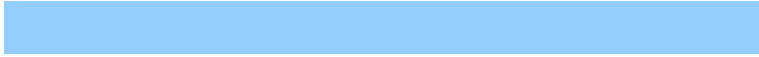
193.9450, -50.8930, 2.7310



201.7700, 47.6820, 5.9060

Square

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



193.9450, -50.8930, 2.7310



204.3930, 30.5310, 24.8910



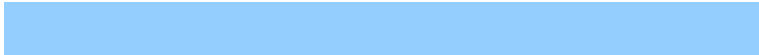
199.3630, 38.1020, -7.7060



188.6710, -36.5830, -25.3430

Rectangle

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



193.9450, -50.8930, 2.7310



203.1470, -3.9470, 21.9810



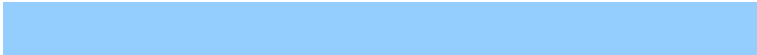
199.3630, 38.1020, -7.7060



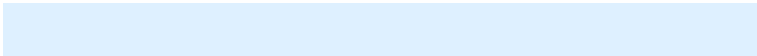
194.0700, 1.8380, -22.3060

Sweetspot

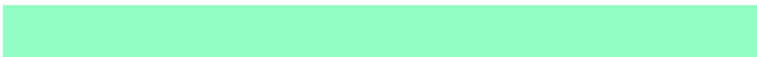
The Sweet Spot groups the original color and five complimentary colors.



193.9450, -50.8930, 2.7310



236.3280, -15.5430, 0.8490



215.9820, -45.4290, -41.2450



115.8510, -9.7660, 0.7780



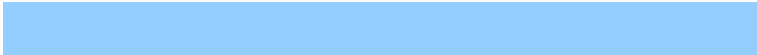
0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000

Same Dimension

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



193.9450, -50.8930, 2.7310



181.4970, -61.2550, 3.2970



162.2470, -36.0430, 30.9730



120.5910, -6.0980, 0.3820



83.4090, -90.1860, 4.4860



27.8410, -30.1690, 1.5990

Inverse Universe

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



186.0180, 45.4290, 41.2450



171.9640, 54.6890, 49.6410



239.7530, 36.0430, -30.9730



119.6850, 5.5010, 4.9330



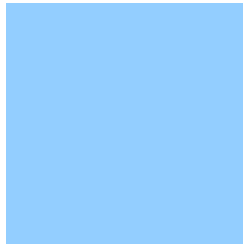
69.0790, 80.1310, 73.1470



23.1260, 26.9090, 24.4530

Previews

White Background



This preview shows how the YIQ color 193.9450, -50.8930, 2.7310 looks on a white background.

Color Contrast Check

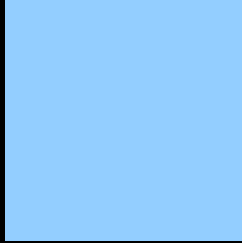
Large Text (above 18pt) WCAG AA × Fail

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 193.9450, -50.8930, 2.7310 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

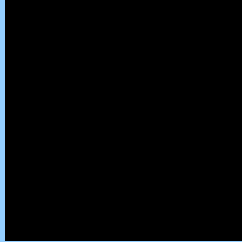
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

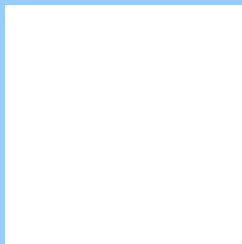
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 193.9450, -50.8930, 2.7310

Background



This preview shows how black text looks on a background with the YIQ color 193.9450, -50.8930, 2.7310.



This preview shows how white text looks on a background with the YIQ color 193.9450, -50.8930,

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

193.9450, -50.8930, 2.7310

Protanopia

199.8240, -22.3310, 13.7410

Deuteranopia

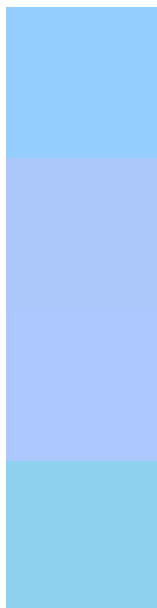
200.3340, -23.7070, 16.6530



Tritanopia

191.4100, -48.3690, -9.9770

Trichromacy



Original Color

193.9450, -50.8930, 2.7310

Protanomaly

197.4420, -33.0590, 9.9250

Deuteranomaly

198.1970, -33.7470, 11.3810

Tritanomaly

192.2730, -49.2410, -5.1850

Monochromacy



Original Color

193.9450, -50.8930, 2.7310

Achromatopsia

194.0000, -0.0000, 0.0000

Achromatomaly

193.7730, -18.2940, 1.1460

CSS Examples

Text

The CSS property to change the color of the text to YIQ 193.9450, -50.8930, 2.7310 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(147, 206, 255)` looks like.

```
.text, #text, p{  
    color:rgb(147, 206, 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(147, 206, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 206, 255) }
```

Border

The CSS property to change the border of an element to YIQ 193.9450, -50.8930, 2.7310 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(147, 206, 255) }
```


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

```
.border{ border-color:rgb(147, 206, 255) }
```

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

Here you see how a box with a 4 pixel rgb(147, 206, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(147, 206, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(147, 206, 255);  
box-shadow:4px 4px 4px 4px rgb(147, 206,  
255) }
```

Background

The CSS property to change the background color of an element to YIQ 193.9450, -50.8930, 2.7310 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 206, 255) }
```

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

```
.background{ background-color: rgb(147,  
206, 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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