

Converting Colors

YIQ(200.9890, -54.1930,
-3.5450)

Have a look what the booklet for
YIQ(200.9890, -54.1930, -3.5450)
contains.

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Color

**YIQ(200.9890, -54.1930,
-3.5450)**

Conversions

Conversions Part 1

Format	Color
Hex	93DAFF
RGB	147, 218, 255
RGB Percent	58%, 85%, 100%
CMY	0.4237, 0.1450, 0.0002
CMYK	0.42, 0.14, 0.00, 0.00
HSL	201°, 100%, 79%
HSV	201°, 42%, 100%
XYZ	55.1451, 63.5739, 103.9198
YIQ	200.9890, -54.1930, -3.5450

Conversions

Conversions Part 2

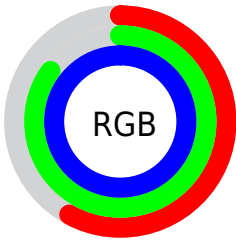
Format	Color
R_{YB}	147, 190, 255
Decimal	9689855
CIE _{Lab}	83.74, -12.91, -24.94
CIE _{LCh}	84, 28.084, 242.641
Yxy	63.5739, 0.2477, 0.2855
Android (android.graphics.Color)	4287879935 (0xFF93DAFF)
YUV	200.9890, 26.6274, -47.3484
Hunter-Lab	79.7333, -16.0791, -21.4619

Details

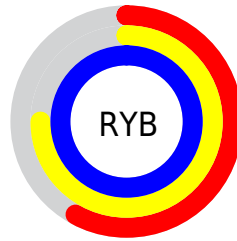
The YIQ color **200.9890, -54.1930, -3.5450** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **201.0110, 54.1930, 3.5450**, and the grayscale version is **201.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **240.0500, -29.8000, -10.6000**, and **145.1630, -54.7430, -4.5910** is the 20% darker color. If you saturate the color by 10%, you get **187.9320, -67.2140, -4.3500**, and if you desaturate by 10%, it is **213.7470, -41.7680, -2.9520**.

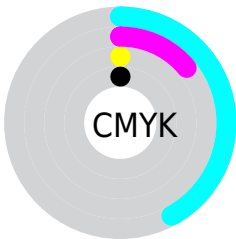
Distribution



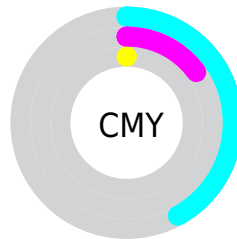
- Red (58%)
- Green (85%)
- Blue (100%)



- Red (58%)
- Yellow (75%)
- Blue (100%)



- Cyan (42%)
- Magenta (14%)
- Yellow (0%)
- Black (0%)



- Cyan (42%)
- Magenta (15%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 200.9890, -54.1930, -3.5450 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 200.9890, -54.1930, -3.5450 by changing the saturation by 10% instead.

■ 200.9890,
-54.1930, -3.5450

■ 200.9890,
-54.1930, -3.5450

■ 255.0000, -0.0000,
-0.0000

■ 172.5760,
-54.4680, -4.0680

■ 240.0500,
-29.8000, -10.6000

■ 145.1630,
-54.7430, -4.5910

■ 248.7210,
-12.5160, -4.4520

■ 117.8530,
-56.8060, -5.7500

■ 88.4500, -63.0410,
-8.3930

■ 64.5210, -61.8030,
-8.8030

■ 48.2840, -47.7740,
-4.2380

■ 32.6340, -34.0200,

-0.1960

■ 18.2720, -21.1370,
3.1110

■ 3.5510, -8.6210,
7.5630

■ 200.9890,
-54.1930, -3.5450

■ 200.9890,
-54.1930, -3.5450

■ 187.9320,
-67.2140, -4.3500

■ 213.7470,
-41.7680, -2.9520

■ 175.7610,
-79.9140, -5.4660

■ 226.2170,
-28.4720, -1.6240

■ 162.7040,
-92.9350, -6.2710

■ 238.9750,
-16.0470, -1.0310

■ 149.9460,
-105.3600, -6.8640

■ 252.0320, -3.0260,
-0.2260

■ 136.8890,
-118.3810, -7.6690

255.0000, -0.0000,
-0.0000

■ 127.6860,
-128.0550, -8.5590

Harmonies

Analogous

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



197.2730, -58.4090, -15.2490



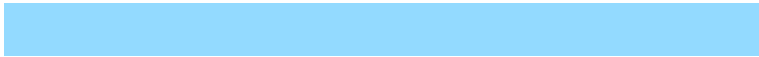
200.9890, -54.1930, -3.5450



206.1600, -32.3250, 7.6350

Triad

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



200.9890, -54.1930, -3.5450



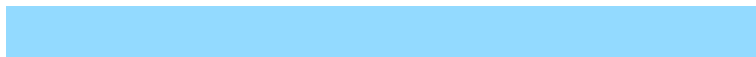
211.3730, 33.2830, 19.0670



204.3910, 5.3680, -20.2000

Complementary

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



200.9890, -54.1930, -3.5450



201.0110, 54.1930, 3.5450

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.



207.4540, 27.4200, -12.3560



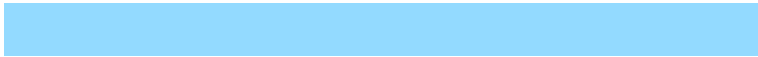
200.9890, -54.1930, -3.5450



209.5830, 41.0790, 9.9350

Square

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



200.9890, -54.1930, -3.5450



213.2220, 17.8310, 23.7750



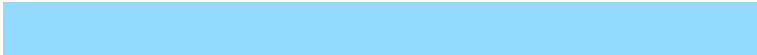
209.8460, 41.3560, -0.5960



200.6360, -20.3070, -22.9550

Rectangle

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



200.9890, -54.1930, -3.5450



209.8140, -16.3710, 15.8610



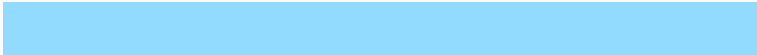
209.8460, 41.3560, -0.5960



205.1640, 13.4370, -17.7550

Sweetspot

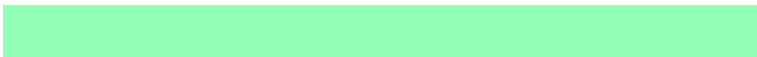
The Sweet Spot groups the original color and five complimentary colors.



200.9890, -54.1930, -3.5450



238.6760, -16.6430, -1.2430



214.5000, -41.2560, -45.2880



117.6120, -10.5910, -0.7910



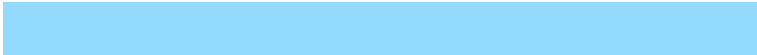
0.0000, 0.0000, 0.0000



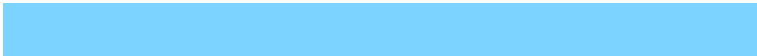
128.0000, -0.0000, -0.0000

Same Dimension

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



200.9890, -54.1930, -3.5450



190.3020, -65.3800, -4.5480



169.8780, -39.6180, 24.1740



121.1780, -6.3730, -0.1410



95.7360, -95.9610, -6.4970



31.9500, -32.0940, -2.0620

Inverse Universe

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



187.3860, 41.5770, 44.9770



173.6740, 49.8740, 54.3060



232.1220, 39.6180, -24.1740



119.7990, 5.1800, 5.2440



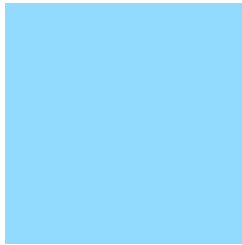
71.4730, 73.3900, 79.6780



23.9240, 24.6620, 26.6300

Previews

White Background



This preview shows how the YIQ color 200.9890, -54.1930, -3.5450 looks on a white background.

Color Contrast Check

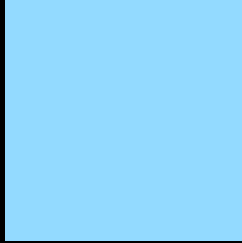
Large Text (above 18pt) WCAG AA × Fail

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 200.9890, -54.1930, -3.5450 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 200.9890, -54.1930, -3.5450

Background



This preview shows how black text looks on a background with the YIQ color 200.9890, -54.1930, -3.5450.



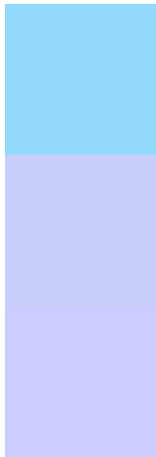
This preview shows how white text looks on a background with the YIQ color 200.9890, -54.1930, -3.5450.

-3.5450.

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

200.9890, -54.1930, -3.5450

Protanopia

208.8800, -16.7370, 11.4790

Deuteranopia

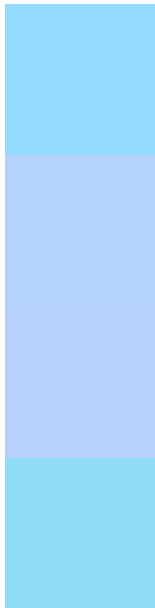
209.5150, -16.9670, 15.6490



Tritanopia

199.4310, -52.8620, -11.1500

Trichromacy



Original Color

200.9890, -54.1930, -3.5450

Protanomaly

205.8890, -30.1240, 6.2920

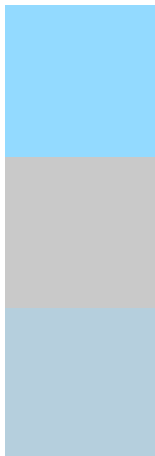
Deuteranomaly

206.4700, -30.2620, 8.7940

Tritanomaly

200.1260, -53.3210, -8.3370

Monochromacy



Original Color

200.9890, -54.1930, -3.5450

Achromatopsia

201.0000, -0.0000, 0.0000

Achromatomaly

200.8220, -19.9900, -1.1580

CSS Examples

Text

The CSS property to change the color of the text to YIQ 200.9890, -54.1930, -3.5450 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, 218, 255)` looks like.

```
.text, #text, p{  
    color:rgb(147, 218, 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, 218, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 218, 255) }
```

Border

The CSS property to change the border of an element to YIQ 200.9890, -54.1930, -3.5450 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, 218, 255) }
```


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

```
.border{ border-color:rgb(147, 218, 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, 218, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(147, 218, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(147, 218, 255);  
box-shadow:4px 4px 4px 4px rgb(147, 218,  
255) }
```

Background

The CSS property to change the background color of an element to YIQ 200.9890, -54.1930, -3.5450 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 218, 255) }
```

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

```
.background{ background-color: rgb(147,  
218, 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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