

Converting Colors

YIQ(184.1560, -52.8650, 5.4310)

Have a look what the booklet for
YIQ(184.1560, -52.8650, 5.4310)
contains.

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Color

**YIQ(184.1560, -52.8650,
5.4310)**

Conversions

Conversions Part 1

Format	Color
Hex	89C3FC
RGB	137, 195, 252
RGB Percent	54%, 76%, 99%
CMY	0.4628, 0.2352, 0.0120
CMYK	0.46, 0.23, 0.00, 0.01
HSL	210°, 95%, 76%
HSV	210°, 46%, 99%
XYZ	47.3933, 51.3815, 99.4614
YIQ	184.1560, -52.8650, 5.4310

Conversions

Conversions Part 2

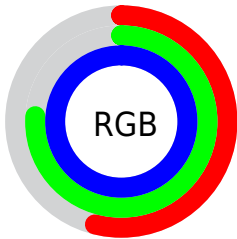
Format	Color
RYB	137, 176, 252
Decimal	9028604
CIELab	76.91, -3.98, -33.87
CIELCh	77, 34.101, 263.290
Yxy	51.3815, 0.2391, 0.2592
Android (android.graphics.Color)	4287218684 (0xFF89C3FC)
YUV	184.1560, 33.4471, -41.3558
Hunter-Lab	71.6809, -7.4228, -32.0916

Details

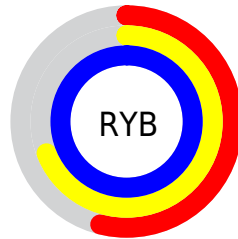
The YIQ color **184.1560, -52.8650, 5.4310** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **204.8440, 52.8650, -5.4310**, and the grayscale version is **184.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **234.7120, -34.6600, -10.6280**, and **129.2050, -54.5610, 3.1270** is the 20% darker color. If you saturate the color by 10%, you get **169.6370, -64.4650, 6.4070**, and if you desaturate by 10%, it is **198.6750, -41.2650, 4.4550**.

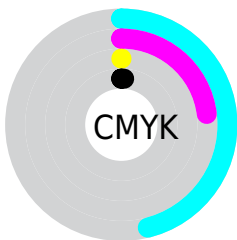
Distribution



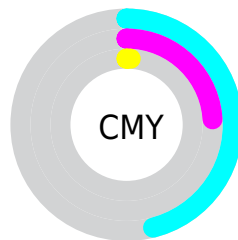
- Red (54%)
- Green (76%)
- Blue (99%)



- Red (54%)
- Yellow (69%)
- Blue (99%)



- Cyan (46%)
- Magenta (23%)
- Yellow (0%)
- Black (1%)



- Cyan (46%)
- Magenta (24%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 184.1560, -52.8650, 5.4310 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 184.1560, -52.8650, 5.4310 by changing the saturation by 10% instead.

■ 184.1560,
-52.8650, 5.4310

■ 184.1560,
-52.8650, 5.4310

■ 255.0000, -0.0000,
-0.0000

■ 156.3300,
-53.4150, 4.3850

■ 234.7120,
-34.6600, -10.6280

■ 129.2050,
-54.5610, 3.1270

■ 245.7310,
-18.4760, -6.5720

■ 101.5960,
-57.2200, 1.7560

■ 254.7010, -0.5960,
-0.2120

■ 70.0780, -70.5610,
-4.2650

■ 53.0260, -55.6150,
0.2010

■ 37.3760, -41.8610,
4.2430

■ 22.9000, -28.6570,

7.2390

■ 6.7770, -14.9490,
12.1150

■ 3.2090, -7.6580,
6.6300

■ 184.1560,
-52.8650, 5.4310

■ 184.1560,
-52.8650, 5.4310

■ 169.6370,
-64.4650, 6.4070

■ 198.6750,
-41.2650, 4.4550

■ 154.5310,
-75.7900, 7.9060

■ 213.7810,
-29.9400, 2.9560

■ 139.7130,
-87.9860, 8.6700

■ 228.5990,
-17.7440, 2.1920

■ 124.6070,
-99.3110, 10.1690

■ 243.7050, -6.4190,
0.6930

■ 110.0880,
-110.9110, 11.1450

254.6580, 0.9630,
-0.9330

■ 103.2770,
-115.8170, 11.9510

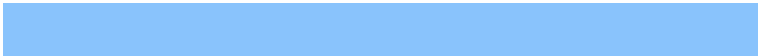
Harmonies

Analogous

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



174.8120, -75.9240, -11.7000



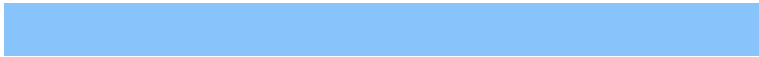
184.1560, -52.8650, 5.4310



191.2960, -20.5440, 19.9040

Triad

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



184.1560, -52.8650, 5.4310



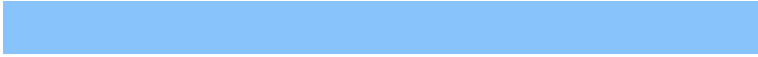
192.6000, 51.5770, 17.9210



181.2250, -14.8960, -27.4080

Complementary

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



184.1560, -52.8650, 5.4310



204.8440, 52.8650, -5.4310

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.



185.6000, 14.9050, -22.3350



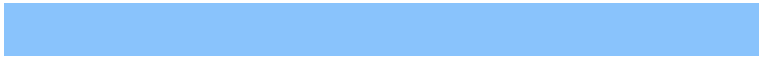
184.1560, -52.8650, 5.4310



191.0430, 51.1670, 3.3190

Square

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



184.1560, -52.8650, 5.4310



194.4540, 37.7290, 26.6010



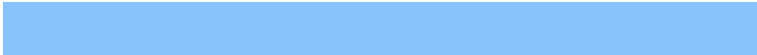
188.2550, 38.2860, -11.0420



175.9300, -47.6780, -28.0140

Rectangle

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



184.1560, -52.8650, 5.4310



194.1910, 1.9210, 25.7690



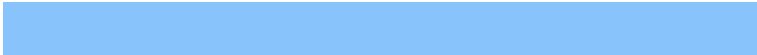
188.2550, 38.2860, -11.0420



182.7270, -4.6260, -26.3060

Sweetspot

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



184.1560, -52.8650, 5.4310



233.6700, -16.5060, 1.7820



210.8890, -49.6010, -42.7290



114.9650, -10.0870, 1.0890



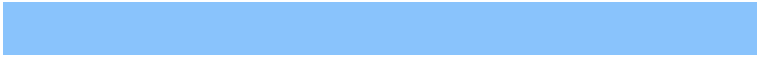
0.0000, 0.0000, 0.0000



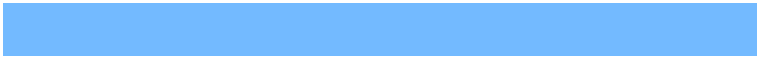
128.0000, -0.0000, -0.0000

Same Dimension

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



184.1560, -52.8650, 5.4310



172.6370, -64.4650, 6.4070



151.2840, -37.4650, 34.7190



117.5910, -6.0980, 0.3820



77.3110, -86.7940, 9.0940



25.1510, -28.1060, 2.7580

Inverse Universe

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



177.9970, 49.9220, 42.4180



164.9540, 60.6490, 51.7610



237.7160, 37.4650, -34.7190



116.6850, 5.5010, 4.9330



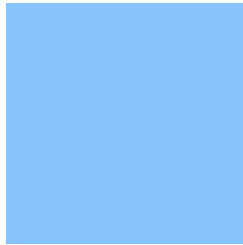
67.3410, 82.1490, 69.6130



21.7730, 26.4050, 22.5730

Previews

White Background



This preview shows how the YIQ color 184.1560, -52.8650, 5.4310 looks on a white background.

Color Contrast Check

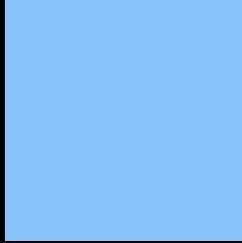
Large Text (above 18pt) WCAG AA × Fail

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 184.1560, -52.8650, 5.4310 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

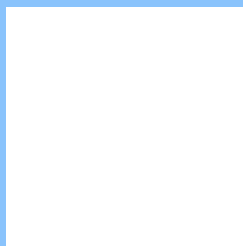
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 184.1560, -52.8650, 5.4310

Background



This preview shows how black text looks on a background with the YIQ color 184.1560, -52.8650, 5.4310.



This preview shows how white text looks on a background with the YIQ color 184.1560, -52.8650,

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

184.1560, -52.8650, 5.4310

Protanopia

189.5400, -27.2830, 15.3810

Deuteranopia

189.2670, -30.7680, 17.9680



Tritanopia

180.6980, -49.2400, -10.7120

Trichromacy



Original Color

184.1560, -52.8650, 5.4310

Protanomaly

187.6420, -36.4980, 11.6780

Deuteranomaly

187.3260, -38.4240, 13.5440

Tritanomaly

182.2020, -50.4790, -4.7750

Monochromacy



Original Color

184.1560, -52.8650, 5.4310

Achromatopsia

184.0000, 0.0000, -0.0000

Achromatomaly

184.1150, -19.2570, 2.0790

CSS Examples

Text

The CSS property to change the color of the text to YIQ 184.1560, -52.8650, 5.4310 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(137, 195, 252)` looks like.

```
.text, #text, p{  
    color:rgb(137, 195, 252)  
}
```

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(137, 195, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 195, 252) }
```

Border

The CSS property to change the border of an element to YIQ 184.1560, -52.8650, 5.4310 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(137, 195, 252) }
```


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

```
.border{ border-color:rgb(137, 195, 252) }
```

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

Here you see how a box with a 4 pixel `rgb(137, 195, 252)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(137, 195, 252); -webkit-box-shadow:4px 4px 4px 4px rgb(137, 195, 252); box-shadow:4px 4px 4px 4px rgb(137, 195, 252) }
```

Background

The CSS property to change the background color of an element to YIQ 184.1560, -52.8650, 5.4310 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 195, 252) }
```

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

```
.background{ background-color: rgb(137,  
195, 252) }
```

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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