

Converting Colors

YIQ(183.8280, -37.3220, 4.5820)

Have a look what the booklet for
YIQ(183.8280, -37.3220, 4.5820)
contains.

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Color

**YIQ(183.8280, -37.3220,
4.5820)**

Conversions

Conversions Part 1

Format	Color
Hex	97BFE9
RGB	151, 191, 233
RGB Percent	59%, 75%, 91%
CMY	0.4079, 0.2509, 0.0865
CMYK	0.35, 0.18, 0.00, 0.09
HSL	211°, 65%, 75%
HSV	211°, 35%, 91%
XYZ	46.0951, 49.7272, 84.2251
YIQ	183.8280, -37.3220, 4.5820

Conversions

Conversions Part 2

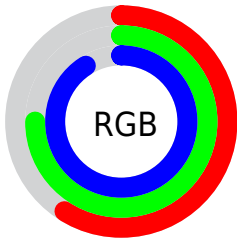
Format	Color
RYB	151, 178, 233
Decimal	9945065
CIELab	75.90, -3.29, -25.14
CIELCh	76, 25.357, 262.538
Yxy	49.7272, 0.2560, 0.2762
Android (android.graphics.Color)	4288135145 (0xFF97BFE9)
YUV	183.8280, 24.2418, -28.7902
Hunter-Lab	70.5175, -6.7256, -21.4529

Details

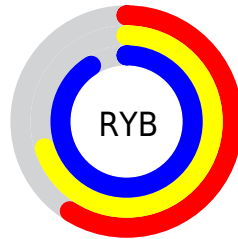
The YIQ color **183.8280, -37.3220, 4.5820** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **200.1720, 37.3220, -4.5820**, and the grayscale version is **184.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **235.9520, -26.4080, -5.9920**, and **130.1870, -36.9550, 3.4370** is the 20% darker color. If you saturate the color by 10%, you get **169.9070, -47.7300, 5.9820**, and if you desaturate by 10%, it is **197.7490, -26.9140, 3.1820**.

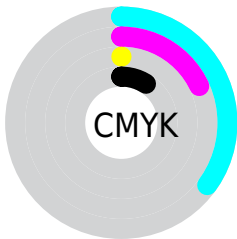
Distribution



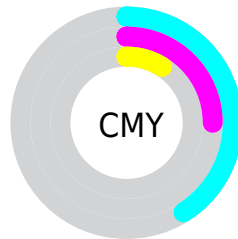
- Red (59%)
- Green (75%)
- Blue (91%)



- Red (59%)
- Yellow (70%)
- Blue (91%)



- Cyan (35%)
- Magenta (18%)
- Yellow (0%)
- Black (9%)



- Cyan (41%)
- Magenta (25%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 183.8280, -37.3220, 4.5820 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 183.8280, -37.3220, 4.5820 by changing the saturation by 10% instead.

■ 183.8280,
-37.3220, 4.5820

■ 183.8280,
-37.3220, 4.5820

■ 255.0000, -0.0000,
-0.0000

■ 156.7140,
-37.0010, 4.2710

■ 235.9520,
-26.4080, -5.9920

■ 130.1870,
-36.9550, 3.4370

■ 249.3190,
-11.3240, -4.0280

■ 103.7740,
-37.2300, 2.9140

■ 78.6490, -38.3760,
1.6560

■ 51.5340, -45.4820,
-1.7220

■ 33.7910, -35.9000,
0.8360

■ 19.4290, -23.0170,

4.1430

■ 4.7080, -10.5010,
8.5950

■ 0.2280, -0.6420,
0.6220

■ 183.8280,
-37.3220, 4.5820

■ 183.8280,
-37.3220, 4.5820

■ 169.9070,
-47.7300, 5.9820

■ 197.7490,
-26.9140, 3.1820

■ 155.6870,
-58.7340, 7.1700

■ 211.9690,
-15.9100, 1.9940

■ 141.7660,
-69.1420, 8.5700

■ 225.8900, -5.5020,
0.5940

■ 127.8450,
-79.5500, 9.9700

■ 239.8110, 4.9060,
-0.8060

■ 113.9240,
-89.9580, 11.3700

■ 250.1440, 8.1620,
-4.7500

■ 100.2910,
-101.2370, 12.0350

■ 252.4920, 7.0620,
-6.8420

■ 93.4800,
-106.1430, 12.8410

Harmonies

Analogous

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



178.7350, -50.6620, -6.9660



183.8280, -37.3220, 4.5820



188.3580, -15.0870, 14.6170

Triad

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



183.8280, -37.3220, 4.5820



190.0220, 38.4650, 13.2570



181.1920, -10.1290, -20.1850

Complementary

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



183.8280, -37.3220, 4.5820



200.1720, 37.3220, -4.5820

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.



184.1470, 12.1070, -15.6770



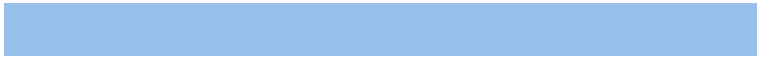
183.8280, -37.3220, 4.5820



188.6980, 39.0170, 3.2490

Square

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



183.8280, -37.3220, 4.5820



191.2630, 27.7810, 19.6610



186.8720, 29.2990, -7.8610



177.9860, -32.9160, -20.2120

Rectangle

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



183.8280, -37.3220, 4.5820



190.4910, 0.7760, 18.9840



186.8720, 29.2990, -7.8610



182.0250, -2.2890, -19.0970

Sweetspot

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



183.8280, -37.3220, 4.5820



238.4100, -12.8380, 1.3860



203.8080, -35.7110, -30.1350



117.6340, -7.6570, 1.1030



0.0000, 0.0000, 0.0000



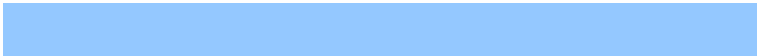
128.0000, -0.0000, -0.0000

Same Dimension

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



183.8280, -37.3220, 4.5820



190.7220, -48.6470, 6.0810



160.3480, -26.3220, 25.5020



110.1890, -4.9060, 0.8060



72.2900, -82.3010, 10.2670



21.4180, -24.4840, 3.1960

Inverse Universe

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



180.0780, 36.0320, 29.8240



185.9210, 47.0800, 38.8560



223.6520, 26.3220, -25.5020



109.8590, 4.9510, 3.8870



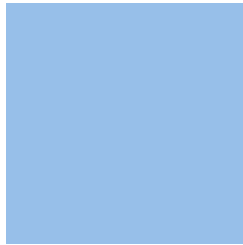
64.1510, 79.6280, 65.7400



19.1100, 23.8380, 19.5340

Previews

White Background



This preview shows how the YIQ color 183.8280, -37.3220, 4.5820 looks on a white background.

Color Contrast Check

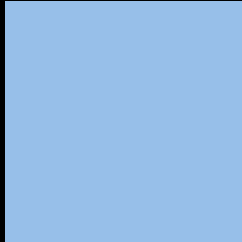
Large Text (above 18pt) WCAG AA × Fail

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 183.8280, -37.3220, 4.5820 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

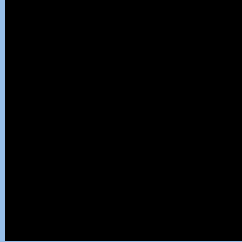
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

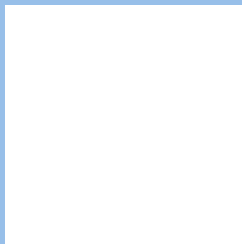
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 183.8280, -37.3220, 4.5820

Background



This preview shows how black text looks on a background with the YIQ color 183.8280, -37.3220, 4.5820.



This preview shows how white text looks on a background with the YIQ color 183.8280, -37.3220,

4.5820.

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

183.8280, -37.3220, 4.5820

Protanopia

187.6240, -18.8920, 11.9880

Deuteranopia

188.0310, -18.4800, 15.5360



Tritanopia

182.1730, -34.3400, -5.4120

Trichromacy



Original Color

183.8280, -37.3220, 4.5820

Protanomaly

186.2210, -25.1270, 9.3450

Deuteranomaly

186.3890, -25.5400, 11.3240

Tritanomaly

183.0960, -35.4410, -1.9770

Monochromacy



Original Color

183.8280, -37.3220, 4.5820

Achromatopsia

184.0000, 0.0000, -0.0000

Achromatomaly

184.2250, -13.7550, 1.4850

CSS Examples

Text

The CSS property to change the color of the text to YIQ 183.8280, -37.3220, 4.5820 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(151, 191, 233)` looks like.

```
.text, #text, p{  
    color:rgb(151, 191, 233)  
}
```

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(151, 191, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 191, 233) }
```

Border

The CSS property to change the border of an element to YIQ 183.8280, -37.3220, 4.5820 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(151, 191, 233) }
```


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

```
.border{ border-color:rgb(151, 191, 233) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 191, 233)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 191, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 191, 233);  
box-shadow:4px 4px 4px 4px rgb(151, 191,  
233) }
```

Background

The CSS property to change the background color of an element to YIQ 183.8280, -37.3220, 4.5820 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 191, 233) }
```

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

```
.background{ background-color: rgb(151,  
191, 233) }
```

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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