

Converting Colors

YIQ(182.1410, -93.2080,
-17.8480)

Have a look what the booklet for
YIQ(182.1410, -93.2080, -17.8480)
contains.

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Color

**YIQ(182.1410, -93.2080,
-17.8480)**

Conversions

Conversions Part 1

Format	Color
Hex	52DBFF
RGB	82, 219, 255
RGB Percent	32%, 86%, 100%
CMY	0.6787, 0.1409, 0.0004
CMYK	0.68, 0.14, 0.00, 0.00
HSL	192°, 100%, 66%
HSV	192°, 68%, 100%
XYZ	46.8532, 59.6970, 103.5754
YIQ	182.1410, -93.2080, -17.8480

Conversions

Conversions Part 2

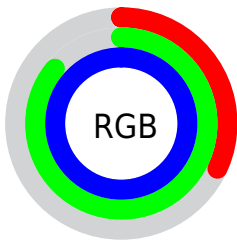
Format	Color
R_{YB}	82, 158, 255
Decimal	5430271
CIE _{Lab}	81.67, -26.03, -28.29
CIE _{LCh}	82, 38.446, 227.387
Yxy	59.6970, 0.2230, 0.2841
Android (android.graphics.Color)	4283620351 (0xFF52DBFF)
YUV	182.1410, 35.9195, -87.8237
Hunter-Lab	77.2638, -26.9684, -25.3961

Details

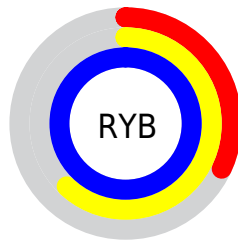
The YIQ color **182.1410, -93.2080, -17.8480** is a light color, and the websafe version is hex **33CCFF**. The color can be described as light muted cyan. A complement of this color would be **154.8590, 93.2080, 17.8480**, and the grayscale version is **182.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **223.3060, -63.1760, -22.4720**, and **118.8400, -108.6580, -24.1940** is the 20% darker color. If you saturate the color by 10%, you get **171.4320, -107.3290, -20.7450**, and if you desaturate by 10%, it is **192.5510, -79.6830, -15.1630**.

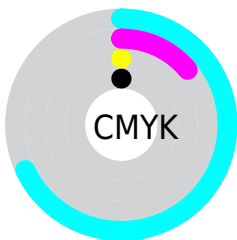
Distribution



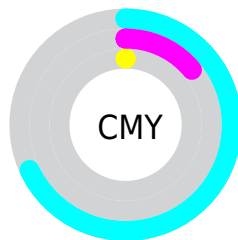
- Red (32%)
- Green (86%)
- Blue (100%)



- Red (32%)
- Yellow (62%)
- Blue (100%)



- Cyan (68%)
- Magenta (14%)
- Yellow (0%)
- Black (0%)



- Cyan (68%)
- Magenta (14%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 182.1410, -93.2080, -17.8480 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 182.1410, -93.2080, -17.8480 by changing the saturation by 10% instead.

■ 182.1410,
-93.2080, -17.8480

■ 182.1410,
-93.2080, -17.8480

■ 255.0000, -0.0000,
-0.0000

■ 148.6450,
-103.6150, -21.9750

■ 223.3060,
-63.1760, -22.4720

■ 118.8400,
-108.6580, -24.1940

■ 232.8740,
-44.1040, -15.6880

■ 99.9130, -92.5660,
-18.4700

■ 242.1430,
-25.6280, -9.1160

■ 82.1600, -77.0240,
-13.7920

■ 251.4120, -7.1520,
-2.5440

■ 64.5210, -61.8030,
-8.8030

■ 47.6970, -47.4990,
-3.7150

■ 32.0470, -33.7450,

0.3270

■ 14.1630, -19.2120,
6.7720

■ 3.5510, -8.6210,
7.5630

■ 182.1410,
-93.2080, -17.8480

■ 182.1410,
-93.2080, -17.8480

■ 171.4320,
-107.3290, -20.7450

■ 192.5510,
-79.6830, -15.1630

■ 160.4350,
-120.5790, -22.9070

■ 203.8470,
-65.8370, -12.7890

■ 149.7260,
-134.7000, -25.8040

■ 214.2570,
-52.3120, -10.1040

■ 147.6440,
-137.4050, -26.3410

■ 224.9660,
-38.1910, -7.2070

■ 235.3760,
-24.6660, -4.5220

■ 246.6720,
-10.8200, -2.1480

255.0000, -0.0000,
-0.0000

Harmonies

Analogous

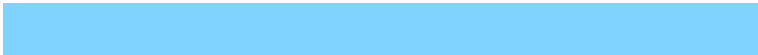
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



181.1400, -83.4400, -29.6800



182.1410, -93.2080, -17.8480



191.4980, -62.9960, -3.7000

Triad

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



182.1410, -93.2080, -17.8480



205.2240, 32.6850, 29.9090



198.2650, 23.1580, -23.2260

Complementary

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



182.1410, -93.2080, -17.8480



154.8590, 93.2080, 17.8480

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.



202.2730, 47.0430, -10.0530



182.1410, -93.2080, -17.8480



200.4190, 44.8370, 18.9250

Square

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



182.1410, -93.2080, -17.8480



207.5770, 6.8260, 30.4900



201.5810, 52.5880, 5.1000



193.8680, -9.5770, -30.1930

Rectangle

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



182.1410, -93.2080, -17.8480



198.1640, -38.1480, 8.5400



201.5810, 52.5880, 5.1000



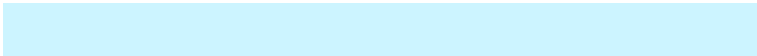
200.1630, 32.3730, -19.5230

Sweetspot

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



182.1410, -93.2080, -17.8480



233.2940, -27.3710, -5.0590



187.5410, -58.8100, -79.5940



114.6220, -16.5510, -2.9110



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.



182.1410, -93.2080, -17.8480



167.8660, -111.5470, -21.3950



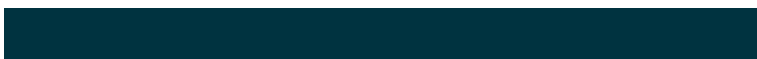
132.2460, -69.8330, 26.6070



122.3520, -6.9230, -1.1870



110.9980, -103.1110, -20.0950



37.2330, -34.5690, -6.7690

Inverse Universe

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



149.3450, 59.1310, 79.2830



128.5890, 70.7280, 94.8880



204.7540, 69.8330, -26.6070



120.0270, 4.5380, 5.8660



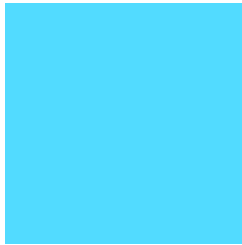
74.4370, 65.0440, 87.7640



24.9500, 21.7730, 29.4290

Previews

White Background



This preview shows how the YIQ color 182.1410, -93.2080, -17.8480 looks on a white background.

Color Contrast Check

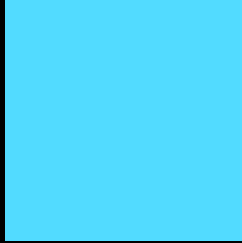
Large Text (above 18pt) WCAG AA × Fail

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 182.1410, -93.2080, -17.8480 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 182.1410, -93.2080, -17.8480 Background



This preview shows how black text looks on a background with the YIQ color 182.1410, -93.2080, -17.8480.



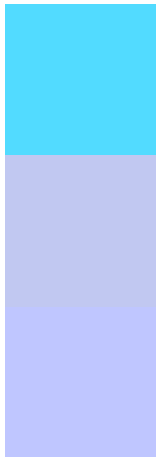
This preview shows how white text looks on a background with the YIQ color 182.1410, -93.2080, -17.8480.

-17.8480.

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

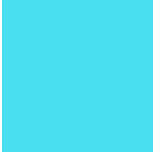
182.1410, -93.2080, -17.8480

Protanopia

202.5810, -17.3330, 11.2670

Deuteranopia

202.4050, -22.4690, 16.2430



Tritanopia

179.5010, -94.5820, -25.9900

Trichromacy



Original Color

182.1410, -93.2080, -17.8480

Protanomaly

195.3000, -44.7030, 0.6810

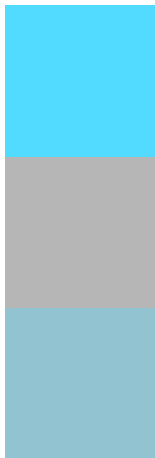
Deuteranomaly

195.1410, -48.5090, 3.5790

Tritanomaly

180.3810, -94.1240, -23.2760

Monochromacy



Original Color

182.1410, -93.2080, -17.8480

Achromatopsia

182.0000, -0.0000, -0.0000

Achromatomaly

181.9450, -33.6980, -6.0340

CSS Examples

Text

The CSS property to change the color of the text to YIQ 182.1410, -93.2080, -17.8480 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(82, 219, 255)` looks like.

```
.text, #text, p{  
    color:rgb(82, 219, 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(82, 219, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(82, 219, 255) }
```

Border

The CSS property to change the border of an element to YIQ 182.1410, -93.2080, -17.8480 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(82, 219, 255) }
```


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

```
.border{ border-color:rgb(82, 219, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(82, 219, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(82, 219, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(82, 219, 255);  
box-shadow:4px 4px 4px 4px rgb(82, 219,  
255) }
```

Background

The CSS property to change the background color of an element to YIQ 182.1410, -93.2080, -17.8480 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(82, 219, 255) }
```

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

```
.background{ background-color: rgb(82, 219,  
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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