

Converting Colors

YIQ(182.0580, -78.1180,
-49.0460)

Have a look what the booklet for
YIQ(182.0580, -78.1180, -49.0460)
contains.

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Color

**YIQ(182.0580, -78.1180,
-49.0460)**

Conversions

Conversions Part 1

Format	Color
Hex	4DEBB9
RGB	77, 235, 185
RGB Percent	30%, 92%, 73%
CMY	0.6984, 0.0782, 0.2748
CMYK	0.67, 0.00, 0.21, 0.08
HSL	161°, 80%, 61%
HSV	161°, 67%, 92%
XYZ	41.5292, 64.5280, 56.1270
YIQ	182.0580, -78.1180, -49.0460

Conversions

Conversions Part 2

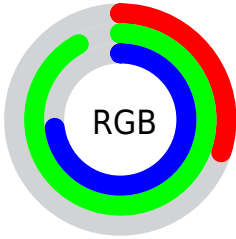
Format	Color
RYB	77, 171, 235
Decimal	5106617
CIELab	84.24, -52.66, 12.47
CIElCh	84, 54.114, 166.682
Yxy	64.5280, 0.2561, 0.3979
Android (android.graphics.Color)	4283296697 (0xFF4DEBB9)
YUV	182.0580, 1.4504, -92.1359
Hunter-Lab	80.3293, -48.2942, 14.8039

Details

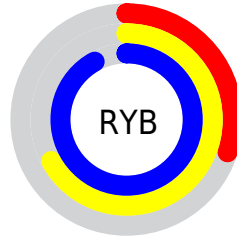
The YIQ color **182.0580, -78.1180, -49.0460** is a light color, and the websafe version is hex **66FFCC**. The color can be described as light muted spring green. A complement of this color would be **129.9420, 78.1180, 49.0460**, and the grayscale version is **182.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **219.9160, -62.2580, -28.0980**, and **119.5340, -91.3220, -52.0420** is the 20% darker color. If you saturate the color by 10%, you get **173.9700, -89.8540, -56.6220**, and if you desaturate by 10%, it is **189.7330, -66.6570, -41.9930**.

Distribution



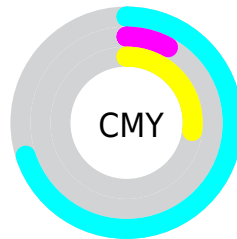
- Red (30%)
- Green (92%)
- Blue (73%)



- Red (30%)
- Yellow (67%)
- Blue (92%)



- Cyan (67%)
- Magenta (0%)
- Yellow (21%)
- Black (8%)



- Cyan (70%)
- Magenta (8%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 182.0580, -78.1180, -49.0460 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 182.0580, -78.1180, -49.0460 by changing the saturation by 10% instead.

■ 182.0580,
-78.1180, -49.0460

■ 182.0580,
-78.1180, -49.0460

■ 255.0000, -0.0000,
-0.0000

■ 148.5020,
-88.2960, -51.8160

■ 219.9160,
-62.2580, -28.0980

■ 119.5340,
-91.3220, -52.0420

■ 230.7810,
-48.2760, -17.1720

■ 100.8350,
-75.8720, -45.6960

■ 239.7510,
-30.3960, -10.8120

■ 82.1360, -60.4220,
-39.3500

■ 249.0200,
-11.9200, -4.2400

■ 64.2520, -45.8890,
-32.9050

■ 47.0690, -31.9520,
-26.6720

■ 31.2880, -19.2070,

-20.8630

■ 13.5010, -6.3250,
-12.0290

■ 0.0000, 0.0000,
0.0000

■ 182.0580,
-78.1180, -49.0460

■ 182.0580,
-78.1180, -49.0460

■ 173.9700,
-89.8540, -56.6220

■ 189.7330,
-66.6570, -41.9930

■ 166.2950,
-101.3150, -63.6750


■ 197.8210,
-54.9210, -34.4170

■ 158.3210,
-113.3720, -70.9400


■ 205.4960,
-43.4600, -27.3640


■ 156.2990,
-116.3060, -72.8340


■ 213.5840,
-31.7240, -19.7880

 221.2590,
-20.2630, -12.7350

 229.3470, -8.5270,
-5.1590

 237.0220, 2.9340,
1.8940

 242.1200, 8.7100,
7.3500

 242.9180, 6.4630,
9.5270

Harmonies

Analogous

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



196.2120, -14.0220, -43.2540



182.0580, -78.1180, -49.0460



166.2510, -141.5730, -49.9330

Triad

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



182.0580, -78.1180, -49.0460



202.9260, -31.5460, 10.0380



198.2240, 57.9070, 2.3150

Complementary

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



182.0580, -78.1180, -49.0460



129.9420, 78.1180, 49.0460

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.



196.3100, 46.7620, 22.5860



182.0580, -78.1180, -49.0460



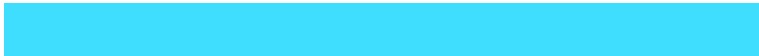
213.3010, 16.5910, 35.2390

Square

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



182.0580, -78.1180, -49.0460



178.2210, -105.3570, -23.4450



203.4120, 29.5200, 37.7120



205.5980, 61.9450, -15.8070

Rectangle

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



182.0580, -78.1180, -49.0460



166.4280, -146.2050, -43.0770



203.4120, 29.5200, 37.7120



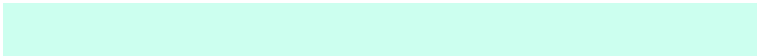
196.8850, 54.7880, 9.2840

Sweetspot

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



182.0580, -78.1180, -49.0460



237.9270, -25.2600, -15.7880



185.5930, -11.8620, -71.3980



117.5910, -15.2660, -9.6820



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.



182.0580, -78.1180, -49.0460



185.6970, -102.5070, -64.0990



172.4960, -87.0180, -19.8980



113.3690, -5.5930, -3.2650



120.3830, -89.5790, -56.0990



35.9160, -26.7270, -16.7350

Inverse Universe

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



129.9420, 78.1180, 49.0460



117.4170, 102.1860, 64.4100



139.5040, 87.0180, 19.8980



109.6310, 5.5930, 3.2650



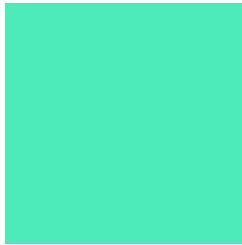
60.6170, 89.5790, 56.0990



18.0840, 26.7270, 16.7350

Previews

White Background



This preview shows how the YIQ color 182.0580, -78.1180, -49.0460 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 182.0580, -78.1180, -49.0460 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

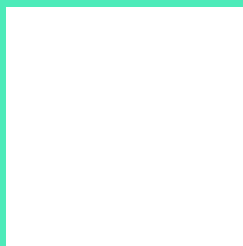
Any Text WCAG AAA ✓ Pass

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

YIQ 182.0580, -78.1180, -49.0460 Background



This preview shows how black text looks on a background with the YIQ color 182.0580, -78.1180, -49.0460.



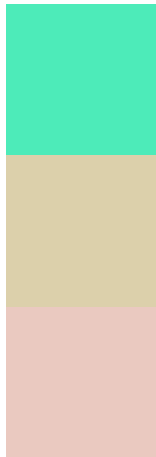
This preview shows how white text looks on a background with the YIQ color 182.0580, -78.1180, -49.0460.

-49.0460.

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

182.0580, -78.1180, -49.0460

Protanopia

207.3700, 19.0290, -8.9630

Deuteranopia

209.8410, 22.5570, 4.1970



Tritanopia

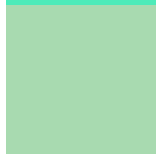
191.6770, -80.2780, -20.9020

Trichromacy



Original Color

182.0580, -78.1180, -49.0460



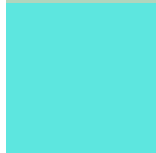
Protanomaly

198.2620, -16.3180, -23.6620



Deuteranomaly

199.5000, -13.7520, -15.0960



Tritanomaly

188.2390, -79.4050, -31.2210

Monochromacy



Original Color

182.0580, -78.1180, -49.0460



Achromatopsia

182.0000, -0.0000, -0.0000



Achromatomaly

181.9050, -28.1940, -17.6820

CSS Examples

Text

The CSS property to change the color of the text to YIQ 182.0580, -78.1180, -49.0460 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(77, 235, 185)` looks like.

```
.text, #text, p{  
    color:rgb(77, 235, 185)  
}
```

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(77, 235, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(77, 235, 185) }
```

Border

The CSS property to change the border of an element to YIQ 182.0580, -78.1180, -49.0460 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(77, 235, 185) }
```


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

```
.border{ border-color:rgb(77, 235, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(77, 235, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(77, 235, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(77, 235, 185);  
box-shadow:4px 4px 4px 4px rgb(77, 235,  
185) }
```

Background

The CSS property to change the background color of an element to YIQ 182.0580, -78.1180, -49.0460 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(77, 235, 185) }
```

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

```
.background{ background-color: rgb(77, 235,  
185) }
```

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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