

Converting Colors

YIQ(189.8980, -44.6520,
-27.7880)

Have a look what the booklet for
YIQ(189.8980, -44.6520, -27.7880)
contains.

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Color

**YIQ(189.8980, -44.6520,
-27.7880)**

Conversions

Conversions Part 1

Format	Color
Hex	82DCC0
RGB	130, 220, 192
RGB Percent	51%, 86%, 75%
CMY	0.4904, 0.1371, 0.2472
CMYK	0.41, 0.00, 0.13, 0.14
HSL	161°, 56%, 69%
HSV	161°, 41%, 86%
XYZ	44.3100, 59.7514, 59.0439
YIQ	189.8980, -44.6520, -27.7880

Conversions

Conversions Part 2

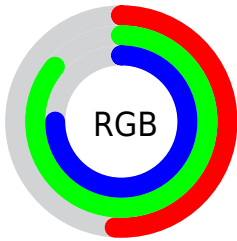
Format	Color
RYB	130, 183, 220
Decimal	8576192
CIELab	81.70, -33.44, 5.36
CIELCh	82, 33.864, 170.892
Yxy	59.7514, 0.2717, 0.3663
Android (android.graphics.Color)	4286766272 (0xFF82DCC0)
YUV	189.8980, 1.0363, -52.5305
Hunter-Lab	77.2990, -32.9520, 8.8214

Details

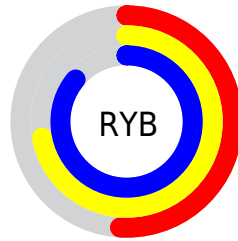
The YIQ color **189.8980, -44.6520, -27.7880** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **160.1020, 44.6520, 27.7880**, and the grayscale version is **190.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **233.5710, -38.8770, -16.8050**, and **134.8270, -45.8900, -27.3780** is the 20% darker color. If you saturate the color by 10%, you get **182.5220, -55.5170, -34.6290**, and if you desaturate by 10%, it is **197.2740, -33.7870, -20.9470**.

Distribution



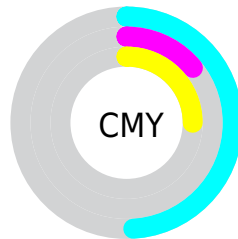
- Red (51%)
- Green (86%)
- Blue (75%)



- Red (51%)
- Yellow (72%)
- Blue (86%)



- Cyan (41%)
- Magenta (0%)
- Yellow (13%)
- Black (14%)



- Cyan (49%)
- Magenta (14%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 189.8980, -44.6520, -27.7880 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 189.8980, -44.6520, -27.7880 by changing the saturation by 10% instead.

■ 189.8980,
-44.6520, -27.7880

■ 189.8980,
-44.6520, -27.7880

■ 255.0000, -0.0000,
-0.0000

■ 162.0120,
-44.9730, -27.4770

■ 233.5710,
-38.8770, -16.8050

■ 134.8270,
-45.8900, -27.3780

■ 243.0400,
-23.8400, -8.4800

■ 107.3430,
-47.4030, -27.4910

■ 252.0100, -5.9600,
-2.1200

■ 75.8900, -59.3690,
-30.8970

■ 58.4790, -44.7900,
-25.2860

■ 41.8830, -31.1280,
-19.5760

■ 26.6890, -18.6580,

-14.2900

■ 7.0440, -3.3000,
-6.2760

■ 0.0000, 0.0000,
0.0000

■ 189.8980,
-44.6520, -27.7880

■ 189.8980,
-44.6520, -27.7880

■ 182.5220,
-55.5170, -34.6290

■ 197.2740,
-33.7870, -20.9470

■ 175.1460,
-66.3820, -41.4700

■ 204.6500,
-22.9220, -14.1060

■ 167.7700,
-77.2470, -48.3110

■ 212.0260,
-12.0570, -7.2650

■ 160.5080,
-88.4330, -54.8410

■ 219.2880, -0.8710,
-0.7350

■ 153.1320,
-99.2980, -61.6820

■ 226.6640, 9.9940,
6.1060

■ 146.3540,
-108.9710, -68.0990

■ 231.9470, 16.6870,
11.4630

■ 232.7450, 14.4400,
13.6400

■ 233.5430, 12.1930,
15.8170

■ 234.3410, 9.9460,
17.9940

Harmonies

Analogous

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



194.8940, -12.4660, -27.3940



189.8980, -44.6520, -27.7880



185.8860, -70.7410, -23.0370

Triad

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



189.8980, -44.6520, -27.7880



203.3020, -20.6810, 16.8790



203.6840, 50.8000, 4.4640

Complementary

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



189.8980, -44.6520, -27.7880



160.1020, 44.6520, 27.7880

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.



202.6530, 44.0580, 16.5220



189.8980, -44.6520, -27.7880



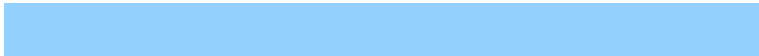
207.4370, 10.0360, 27.3800

Square

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



189.8980, -44.6520, -27.7880



196.0050, -51.1220, 1.3740



206.3010, 33.7860, 26.4740



202.2660, 39.7530, -10.0950

Rectangle

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



189.8980, -44.6520, -27.7880



186.5790, -76.8860, -16.2940



206.3010, 33.7860, 26.4740



202.8350, 49.0570, 8.5210

Sweetspot

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



189.8980, -44.6520, -27.7880



244.5910, -15.2660, -9.6820



191.2020, -8.0620, -41.1340



121.9340, -8.8020, -5.6820



0.0000, 0.0000, 0.0000



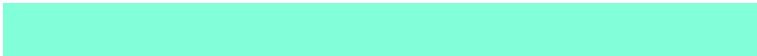
128.0000, -0.0000, -0.0000

Same Dimension

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



189.8980, -44.6520, -27.7880



213.1790, -61.9810, -38.6290



183.6980, -49.2400, -10.7120



106.2550, -5.2720, -3.5760



115.1170, -85.7740, -53.4700



30.6500, -22.9220, -14.1060

Inverse Universe

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



160.1020, 44.6520, 27.7880



171.8210, 61.9810, 38.6290



166.3020, 49.2400, 10.7120



102.6310, 5.5930, 3.2650



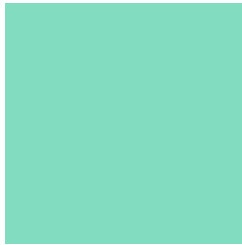
57.8830, 85.7740, 53.4700



15.3500, 22.9220, 14.1060

Previews

White Background



This preview shows how the YIQ color 189.8980, -44.6520, -27.7880 looks on a white background.

Color Contrast Check

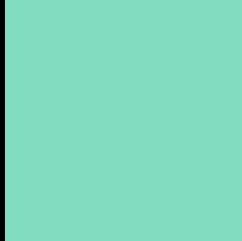
Large Text (above 18pt) WCAG AA × Fail

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 189.8980, -44.6520, -27.7880 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

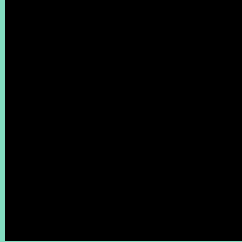
Any Text WCAG AA ✓ Pass

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 189.8980, -44.6520, -27.7880 Background



This preview shows how black text looks on a background with the YIQ color 189.8980, -44.6520, -27.7880.



This preview shows how white text looks on a background with the YIQ color 189.8980, -44.6520, -27.7880.

-27.7880.

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

189.8980, -44.6520, -27.7880

Protanopia

201.5250, 11.4630, -4.0010

Deuteranopia

203.6000, 16.0460, 6.5580



Tritanopia

193.9260, -49.8820, -10.0900

Trichromacy



Original Color

189.8980, -44.6520, -27.7880



Protanomaly

197.4190, -9.0300, -12.5660



Deuteranomaly

198.4890, -6.0510, -5.9790



Tritanomaly

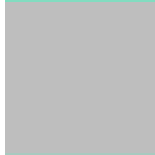
192.1940, -48.0010, -16.6490

Monochromacy



Original Color

189.8980, -44.6520, -27.7880



Achromatopsia

190.0000, -0.0000, -0.0000



Achromatomaly

189.9930, -16.4580, -10.1060

CSS Examples

Text

The CSS property to change the color of the text to YIQ 189.8980, -44.6520, -27.7880 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(130, 220, 192)` looks like.

```
.text, #text, p{  
    color:rgb(130, 220, 192)  
}
```

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(130, 220, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 220, 192) }
```

Border

The CSS property to change the border of an element to YIQ 189.8980, -44.6520, -27.7880 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(130, 220, 192) }
```


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

```
.border{ border-color:rgb(130, 220, 192) }
```

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

Here you see how a box with a 4 pixel rgb(130, 220, 192) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(130, 220, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(130, 220, 192);  
box-shadow:4px 4px 4px 4px rgb(130, 220,  
192) }
```

Background

The CSS property to change the background color of an element to YIQ 189.8980, -44.6520, -27.7880 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 220, 192) }
```

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

```
.background{ background-color: rgb(130,  
220, 192) }
```

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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