

Converting Colors

YIQ(188.8970, -52.0790,
-30.8550)

Have a look what the booklet for
YIQ(188.8970, -52.0790, -30.8550)
contains.

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Color

**YIQ(188.8970, -52.0790,
-30.8550)**

Conversions

Conversions Part 1

Format	Color
Hex	78DFC2
RGB	120, 223, 194
RGB Percent	47%, 87%, 76%
CMY	0.5297, 0.1253, 0.2394
CMYK	0.46, 0.00, 0.13, 0.13
HSL	163°, 62%, 67%
HSV	163°, 46%, 87%
XYZ	43.8680, 60.6797, 60.4115
YIQ	188.8970, -52.0790, -30.8550

Conversions

Conversions Part 2

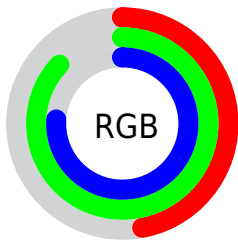
Format	Color
RYB	120, 180, 223
Decimal	7921602
CIELab	82.21, -36.90, 4.98
CIELCh	82, 37.235, 172.316
Yxy	60.6797, 0.2659, 0.3678
Android (android.graphics.Color)	4286111682 (0xFF78DFC2)
YUV	188.8970, 2.5158, -60.4227
Hunter-Lab	77.8971, -35.7973, 8.5469

Details

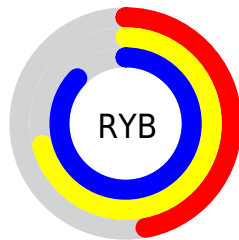
The YIQ color **188.8970, -52.0790, -30.8550** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **154.1030, 52.0790, 30.8550**, and the grayscale version is **189.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **231.1080, -44.8830, -18.0910**, and **132.2280, -54.5090, -30.8690** is the 20% darker color. If you saturate the color by 10%, you get **181.6350, -63.2650, -37.3850**, and if you desaturate by 10%, it is **196.1590, -40.8930, -24.3250**.

Distribution



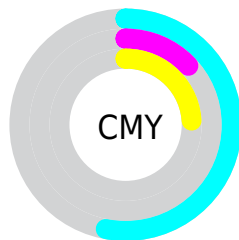
- Red (47%)
- Green (87%)
- Blue (76%)



- Red (47%)
- Yellow (71%)
- Blue (87%)



- Cyan (46%)
- Magenta (0%)
- Yellow (13%)
- Black (13%)



- Cyan (53%)
- Magenta (13%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 188.8970, -52.0790, -30.8550 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 188.8970, -52.0790, -30.8550 by changing the saturation by 10% instead.

■ 188.8970,
-52.0790, -30.8550

■ 188.8970,
-52.0790, -30.8550

■ 255.0000, -0.0000,
-0.0000

■ 160.7120,
-52.9960, -30.7560

■ 231.1080,
-44.8830, -18.0910

■ 132.2280,
-54.5090, -30.8690

■ 240.3490,
-29.2040, -10.3880

■ 102.4660,
-61.1110, -32.3670

■ 249.3190,
-11.3240, -4.0280

■ 77.1780, -60.2400,
-31.6320

■ 59.8810, -45.9820,
-25.7100

■ 43.2850, -32.3200,
-20.0000

■ 27.9770, -19.5290,

-15.0250

■ 8.2180, -3.8500,
-7.3220

■ 0.0000, 0.0000,
0.0000

■ 188.8970,
-52.0790, -30.8550

■ 188.8970,
-52.0790, -30.8550

■ 181.6350,
-63.2650, -37.3850

■ 196.1590,
-40.8930, -24.3250

■ 173.9600,
-74.7260, -44.4380

■ 203.8340,
-29.4320, -17.2720

■ 166.6980,
-85.9120, -50.9680

■ 211.0960,
-18.2460, -10.7420

■ 159.4360,
-97.0980, -57.4980

■ 218.3580, -7.0600,
-4.2120

■ 151.7610,
-108.5590, -64.5510

■ 225.6200, 4.1260,
2.3180

■ 149.1410,
-112.6850, -66.8690

■ 233.2950, 15.5870,
9.3710

■ 234.2780, 14.2570,
11.4490

■ 234.9620, 12.3310,
13.3150

■ 235.7600, 10.0840,
15.4920

Harmonies

Analogous

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



195.0460, -15.9500, -30.3340



188.8970, -52.0790, -30.8550



183.4330, -82.7070, -26.4430

Triad

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



188.8970, -52.0790, -30.8550



204.7860, -19.1680, 16.9920



203.2280, 52.0840, 3.2200

Complementary

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



188.8970, -52.0790, -30.8550



154.1030, 52.0790, 30.8550

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.



201.8380, 44.9750, 16.4230



188.8970, -52.0790, -30.8550



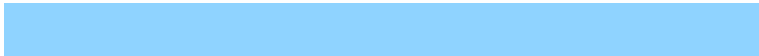
209.8010, 12.0070, 30.2070

Square

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



188.8970, -52.0790, -30.8550



195.6840, -54.6520, -0.7320



205.8280, 33.7400, 27.3080



203.0660, 43.1920, -11.8480

Rectangle

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



188.8970, -52.0790, -30.8550



184.2400, -89.1730, -19.3890



205.8280, 33.7400, 27.3080



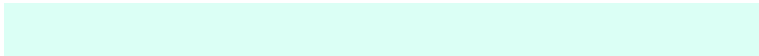
202.3790, 50.3410, 7.2770

Sweetspot

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



188.8970, -52.0790, -30.8550



243.0960, -18.2460, -10.7420



189.1320, -11.0410, -47.7210



120.6240, -10.8650, -6.8410



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.



188.8970, -52.0790, -30.8550



208.5800, -70.6000, -42.1200



179.2890, -55.3380, -10.3300



108.3690, -5.5930, -3.2650



117.6760, -88.8460, -52.8620



32.1660, -24.4350, -14.2190

Inverse Universe

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



154.1030, 52.0790, 30.8550



161.3060, 70.9210, 41.8090



163.7110, 55.3380, 10.3300



104.6310, 5.5930, 3.2650



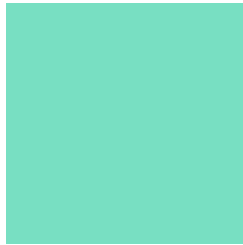
58.3240, 88.8460, 52.8620



15.9480, 24.1140, 14.5300

Previews

White Background



This preview shows how the YIQ color 188.8970, -52.0790, -30.8550 looks on a white background.

Color Contrast Check

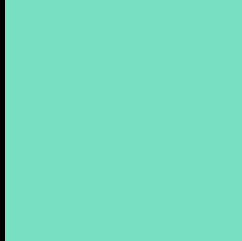
Large Text (above 18pt) WCAG AA × Fail

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 188.8970, -52.0790, -30.8550 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

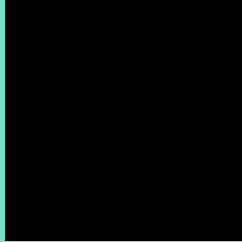
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

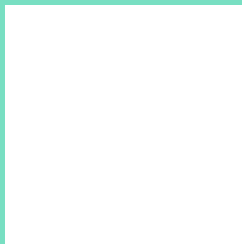
Any Text WCAG AAA ✓ Pass

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

YIQ 188.8970, -52.0790, -30.8550 Background



This preview shows how black text looks on a background with the YIQ color 188.8970, -52.0790, -30.8550.



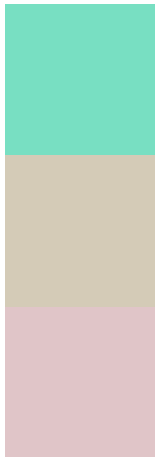
This preview shows how white text looks on a background with the YIQ color 188.8970, -52.0790, -30.8550.

-30.8550.

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

188.8970, -52.0790, -30.8550

Protanopia

203.4110, 11.7840, -4.3120

Deuteranopia

205.4150, 15.1290, 6.6570



Tritanopia

193.3380, -57.0340, -12.6340

Trichromacy



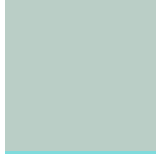
Original Color

188.8970, -52.0790, -30.8550



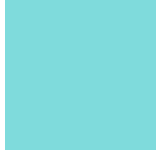
Protanomaly

198.1090, -11.0930, -13.7250



Deuteranomaly

199.1080, -9.3520, -6.7280



Tritanomaly

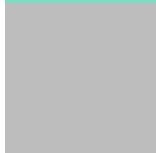
191.6060, -55.1530, -19.1930

Monochromacy



Original Color

188.8970, -52.0790, -30.8550



Achromatopsia

189.0000, -0.0000, -0.0000



Achromatomaly

188.7970, -18.8420, -10.9540

CSS Examples

Text

The CSS property to change the color of the text to YIQ 188.8970, -52.0790, -30.8550 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(120, 223, 194)` looks like.

```
.text, #text, p{  
    color:rgb(120, 223, 194)  
}
```

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(120, 223, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 223, 194) }
```

Border

The CSS property to change the border of an element to YIQ 188.8970, -52.0790, -30.8550 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(120, 223, 194) }
```


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

```
.border{ border-color:rgb(120, 223, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(120, 223, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(120, 223, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(120, 223, 194);  
box-shadow:4px 4px 4px 4px rgb(120, 223,  
194) }
```

Background

The CSS property to change the background color of an element to YIQ 188.8970, -52.0790, -30.8550 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 223, 194) }
```

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

```
.background{ background-color: rgb(120,  
223, 194) }
```

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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