

Converting Colors

YIQ(157.4570, -29.3880,
-7.0520)

Have a look what the booklet for
YIQ(157.4570, -29.3880, -7.0520)
contains.

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Color

**YIQ(157.4570, -29.3880,
-7.0520)**

Conversions

Conversions Part 1

Format	Color
Hex	7DAAB2
RGB	125, 170, 178
RGB Percent	49%, 67%, 70%
CMY	0.5099, 0.3332, 0.3021
CMYK	0.30, 0.04, 0.00, 0.30
HSL	189°, 26%, 59%
HSV	189°, 30%, 70%
XYZ	30.8647, 36.3277, 47.4882
YIQ	157.4570, -29.3880, -7.0520

Conversions

Conversions Part 2

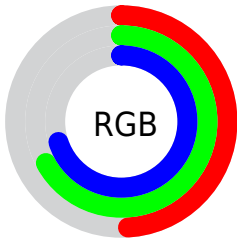
Format	Color
RYB	125, 149, 178
Decimal	8235698
CIELab	66.77, -13.09, -8.97
CIELCh	67, 15.869, 214.403
Yxy	36.3277, 0.2691, 0.3168
Android (android.graphics.Color)	4286425778 (0xFF7DAAB2)
YUV	157.4570, 10.1277, -28.4648
Hunter-Lab	60.2724, -14.0694, -4.5234

Details

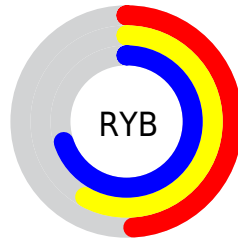
The YIQ color **157.4570, -29.3880, -7.0520** is a light color, and the websafe version is hex **669999**. A complement of this color would be **145.5430, 29.3880, 7.0520**, and the grayscale version is **157.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **212.2720, -30.3050, -6.9530**, and **105.6420, -28.4710, -7.1510** is the 20% darker color. If you saturate the color by 10%, you get **150.3140, -39.2910, -9.2990**, and if you desaturate by 10%, it is **164.6000, -19.4850, -4.8050**.

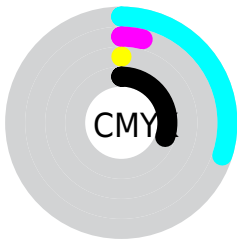
Distribution



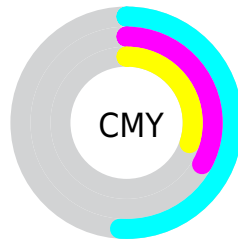
- Red (49%)
- Green (67%)
- Blue (70%)



- Red (49%)
- Yellow (58%)
- Blue (70%)



- Cyan (30%)
- Magenta (4%)
- Yellow (0%)
- Black (30%)



- Cyan (51%)
- Magenta (33%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 157.4570, -29.3880, -7.0520 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 157.4570, -29.3880, -7.0520 by changing the saturation by 10% instead.

■ 157.4570,
-29.3880, -7.0520

■ 157.4570,
-29.3880, -7.0520

■ 255.0000, -0.0000,
-0.0000

■ 130.7560,
-28.7920, -6.8400

■ 212.2720,
-30.3050, -6.9530

■ 105.6420,
-28.4710, -7.1510

■ 240.0610,
-28.3330, -9.6530

■ 80.6420, -28.4710,
-7.1510

■ 249.3190,
-11.3240, -4.0280

■ 56.1580, -29.9840,
-7.2640

■ 33.7450, -30.2590,
-7.7870

■ 19.4970, -17.6970,
-4.1690

■ 0.9120, -2.5680,

2.4880

■ 0.0000, 0.0000,
0.0000

■ 157.4570,
-29.3880, -7.0520

■ 157.4570,
-29.3880, -7.0520

■ 150.3140,
-39.2910, -9.2990

■ 164.6000,
-19.4850, -4.8050

■ 143.7580,
-49.4690, -12.0690

■ 171.1560, -9.3070,
-2.0350

■ 136.9140,
-58.7760, -14.1040

■ 178.0000, -0.0000,
-0.0000

■ 129.7710,
-68.6790, -16.3510

■ 185.1430, 9.9030,
2.2470

■ 123.2150,
-78.8570, -19.1210

■ 191.6990, 20.0810,
5.0170

■ 116.0720,
-88.7600, -21.3680

■ 198.8420, 29.9840,
7.2640

■ 108.9290,
-98.6630, -23.6150

■ 205.9850, 39.8870,
9.5110

■ 208.6540, 42.3170,
9.5250

■ 210.4150, 41.4920,
7.9560

Harmonies

Analogous

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



157.3450, -23.3810, -11.2930



157.4570, -29.3880, -7.0520



159.2280, -27.0050, -0.6770

Triad

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



157.4570, -29.3880, -7.0520



165.0650, 10.5430, 12.6790



161.7980, 14.9480, -6.5880

Complementary

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



157.4570, -29.3880, -7.0520



145.5430, 29.3880, 7.0520

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.



163.0920, 23.1080, -0.2840



157.4570, -29.3880, -7.0520



165.2740, 20.0800, 10.5440

Square

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



157.4570, -29.3880, -7.0520



164.1820, -3.0280, 10.8280



164.5640, 24.8950, 5.8790



159.9320, 2.7070, -10.5170

Rectangle

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



157.4570, -29.3880, -7.0520



160.6850, -20.8620, 3.6340



164.5640, 24.8950, 5.8790



162.4070, 17.6070, -5.2170

Sweetspot

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



157.4570, -29.3880, -7.0520



223.9600, -11.6910, -2.8830



156.9090, -16.8220, -25.5420



111.9390, -7.1980, -1.7100



245.0000, -0.0000, 0.0000



117.0000, -0.0000, 0.0000

Same Dimension

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



157.4570, -29.3880, -7.0520



200.1390, -46.1680, -11.3200



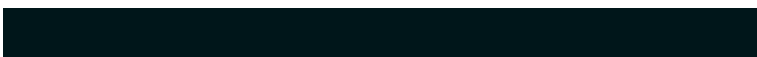
142.1950, -22.2380, 6.5460



85.7220, -5.0890, -1.3850



93.7520, -84.8630, -20.4070



15.8780, -14.3960, -3.4200

Inverse Universe

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



145.9770, 17.1430, 25.2310



181.9110, 26.6770, 39.6770



160.8050, 22.2380, -6.5460



83.6030, 2.7960, 4.3960



60.5670, 49.4580, 72.8660



10.2820, 8.4340, 12.3540

Previews

White Background



This preview shows how the YIQ color 157.4570, -29.3880, -7.0520 looks on a white background.

Color Contrast Check

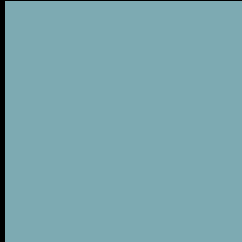
Large Text (above 18pt) WCAG AA × Fail

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 157.4570, -29.3880, -7.0520 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 157.4570, -29.3880, -7.0520

Background



This preview shows how black text looks on a background with the YIQ color 157.4570, -29.3880, -7.0520.



This preview shows how white text looks on a background with the YIQ color 157.4570, -29.3880, -7.0520.

-7.0520.

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

157.4570, -29.3880, -7.0520

Protanopia

162.5530, -2.9350, 3.6330

Deuteranopia

163.9110, -0.8270, 9.4850



Tritanopia

157.7390, -30.1220, -4.7620

Trichromacy



Original Color

157.4570, -29.3880, -7.0520

Protanomaly

160.6550, -12.1500, -0.0700

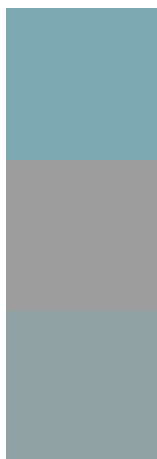
Deuteranomaly

161.3610, -11.1420, 3.6900

Tritanomaly

157.5110, -29.4800, -5.3840

Monochromacy



Original Color

157.4570, -29.3880, -7.0520

Achromatopsia

157.0000, 0.0000, -0.0000

Achromatomaly

157.2590, -11.0950, -2.6710

CSS Examples

Text

The CSS property to change the color of the text to YIQ 157.4570, -29.3880, -7.0520 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(125, 170, 178)` looks like.

```
.text, #text, p{  
    color:rgb(125, 170, 178)  
}
```

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(125, 170, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 170, 178) }
```

Border

The CSS property to change the border of an element to YIQ 157.4570, -29.3880, -7.0520 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(125, 170, 178) }
```


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

```
.border{ border-color:rgb(125, 170, 178) }
```

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

Here you see how a box with a 4 pixel rgb(125, 170, 178) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 170, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 170, 178);  
box-shadow:4px 4px 4px 4px rgb(125, 170,  
178) }
```

Background

The CSS property to change the background color of an element to YIQ 157.4570, -29.3880, -7.0520 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 170, 178) }
```

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

```
.background{ background-color: rgb(125,  
170, 178) }
```

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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