

Converting Colors

YIQ(99.5980, -43.5070,
-21.0030)

Have a look what the booklet for
YIQ(99.5980, -43.5070, -21.0030)
contains.

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Color

**YIQ(99.5980, -43.5070,
-21.0030)**

Conversions

Conversions Part 1

Format	Color
Hex	2D7D70
RGB	45, 125, 112
RGB Percent	18%, 49%, 44%
CMY	0.8237, 0.5097, 0.5609
CMYK	0.64, 0.00, 0.10, 0.51
HSL	170°, 47%, 33%
HSV	170°, 64%, 49%
XYZ	11.3402, 16.4014, 17.8852
YIQ	99.5980, -43.5070, -21.0030

Conversions

Conversions Part 2

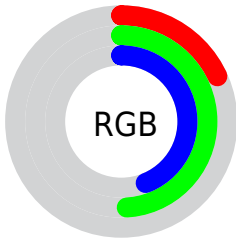
Format	Color
R_{YB}	45, 89, 125
Decimal	2981232
CIE _{Lab}	47.50, -27.54, -0.05
CIE _{LCh}	47, 27.545, 180.114
Yxy	16.4014, 0.2485, 0.3595
Android (android.graphics.Color)	4281171312 (0xFF2D7D70)
YUV	99.5980, 6.1142, -47.8824
Hunter-Lab	40.4987, -20.8903, 2.1651




Details

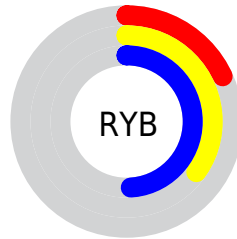
The YIQ color **99.5980, -43.5070, -21.0030** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **70.4020, 43.5070, 21.0030**, and the grayscale version is **100.0000, -0.0000, -0.0000**.




A 20% lighter version of the original color is **153.0820, -41.9940, -20.8900**, and **51.3210, -41.1690, -19.3210** is the 20% darker color. If you saturate the color by 10%, you get **95.4830, -50.6130, -24.3810**, and if you desaturate by 10%, it is **103.4140, -36.9970, -17.8370**.

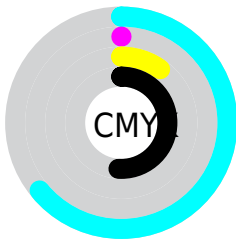
Distribution







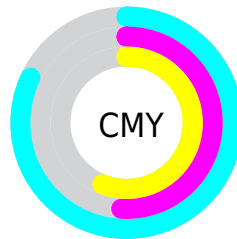
-  Red (18%)
-  Green (49%)
-  Blue (44%)






-  Red (18%)
-  Yellow (35%)
-  Blue (49%)



-  Cyan (64%)
-  Magenta (0%)
-  Yellow (10%)
-  Black (51%)



-  Cyan (82%)
-  Magenta (51%)
-  Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 99.5980, -43.5070, -21.0030 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 99.5980, -43.5070, -21.0030 by changing the saturation by 10% instead.

■ 99.5980, -43.5070,
-21.0030

■ 99.5980, -43.5070,
-21.0030

■ 255.0000, -0.0000,
-0.0000

■ 70.8250, -51.5760,
-23.4480

■ 153.0820,
-41.9940, -20.8900

■ 51.3210, -41.1690,
-19.3210

■ 180.9680,
-41.6730, -21.2010

■ 35.3120, -27.7820,
-14.1340

■ 208.5550,
-41.9480, -21.7240

■ 21.2920, -15.8620,
-9.8940

■ 232.5600,
-40.3440, -17.7520

■ 0.0000, 0.0000,
0.0000

■ 242.1430,
-25.6280, -9.1160

■ 250.8140, -8.3440,

-2.9680

■ 99.5980, -43.5070,
-21.0030

■ 99.5980, -43.5070,
-21.0030

■ 95.4830, -50.6130,
-24.3810

■ 103.4140,
-36.9970, -17.8370

■ 91.6670, -57.1230,
-27.5470

■ 107.5290,
-29.8910, -14.4590

■ 87.5520, -64.2290,
-30.9250

■ 111.3450,
-23.3810, -11.2930

■ 85.3450, -68.0800,
-32.7200

■ 115.4600,
-16.2750, -7.9150

■ 119.2760, -9.7650,
-4.7490

■ 123.3910, -2.6590,
-1.3710

■ 127.2070, 3.8510,
1.7950

■ 131.3220, 10.9570,
5.1730

■ 135.1380, 17.4670,
8.3390

Harmonies

Analogous

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



105.0710, -17.0980, -20.5380



99.5980, -43.5070, -21.0030



93.5490, -68.1740, -19.9980

Triad

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



99.5980, -43.5070, -21.0030



114.6360, -9.9980, 16.0020



112.7360, 35.8540, -0.0020

Complementary

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



99.5980, -43.5070, -21.0030



70.4020, 43.5070, 21.0030

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.



114.2560, 37.6860, 10.8540



99.5980, -43.5070, -21.0030



116.0750, 13.7510, 20.6230

Square

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



99.5980, -43.5070, -21.0030



109.2520, -35.5800, 6.0520



115.2910, 30.5780, 18.5300



110.9530, 24.5770, -10.3910

Rectangle

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



99.5980, -43.5070, -21.0030



96.8470, -65.8370, -12.7890



115.2910, 30.5780, 18.5300



113.3280, 37.1830, 3.4470

Sweetspot

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



99.5980, -43.5070, -21.0030



153.1610, -16.8710, -8.1270



95.8470, -14.2520, -39.0840



75.9770, -10.3610, -4.9610



209.0000, 0.0000, 0.0000



82.0000, 0.0000, -0.0000

Same Dimension

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



99.5980, -43.5070, -21.0030



123.3450, -68.0800, -32.7200



85.2310, -40.2550, -2.8390



61.7930, -3.8510, -1.7950



87.3340, -69.5470, -33.6670



0.0000, 0.0000, 0.0000

Inverse Universe

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



70.4020, 43.5070, 21.0030



77.6550, 68.0800, 32.7200



84.7690, 40.2550, 2.8390



59.2070, 3.8510, 1.7950



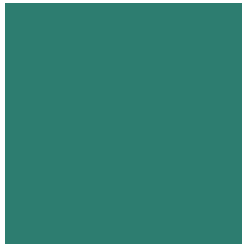
40.6660, 69.5470, 33.6670



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YIQ color 99.5980, -43.5070, -21.0030 looks on a white 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 × Fail

Black Background



This preview shows how the YIQ color 99.5980, -43.5070, -21.0030 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

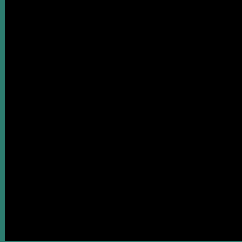
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 99.5980, -43.5070, -21.0030

Background



This preview shows how black text looks on a background with the YIQ color 99.5980, -43.5070, -21.0030.



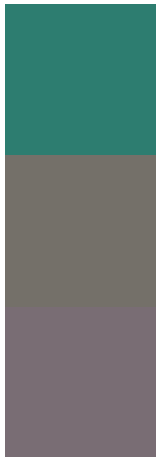
This preview shows how white text looks on a background with the YIQ color 99.5980, -43.5070,

-21.0030.

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

99.5980, -43.5070, -21.0030

Protanopia

112.3980, 4.6310, -1.3290

Deuteranopia

113.3860, 4.9050, 4.7210



Tritanopia

102.8080, -43.7380, -11.3060

Trichromacy



Original Color

99.5980, -43.5070, -21.0030

Protanomaly

107.9010, -13.2030, -8.5230

Deuteranomaly

108.4220, -13.1120, -4.6640

Tritanomaly

101.7000, -43.5540, -14.6420

Monochromacy



Original Color

99.5980, -43.5070, -21.0030

Achromatopsia

100.0000, -0.0000, -0.0000

Achromatomaly

99.7590, -15.6790, -7.7030

CSS Examples

Text

The CSS property to change the color of the text to YIQ 99.5980, -43.5070, -21.0030 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(45, 125, 112)` looks like.

```
.text, #text, p{  
    color:rgb(45, 125, 112)  
}
```

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(45, 125, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(45, 125, 112) }
```

Border

The CSS property to change the border of an element to YIQ 99.5980, -43.5070, -21.0030 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(45, 125, 112) }
```


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

```
.border{ border-color:rgb(45, 125, 112) }
```

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

Here you see how a box with a 4 pixel rgb(45, 125, 112) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(45, 125, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(45, 125, 112);  
box-shadow:4px 4px 4px 4px rgb(45, 125,  
112) }
```

Background

The CSS property to change the background color of an element to YIQ 99.5980, -43.5070, -21.0030 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(45, 125, 112) }
```

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

```
.background{ background-color: rgb(45, 125,  
112) }
```

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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