

Converting Colors

YIQ(140.5270, 7.9810, -17.9950)

Have a look what the booklet for
YIQ(140.5270, 7.9810, -17.9950)
contains.

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Color

**YIQ(140.5270, 7.9810,
-17.9950)**

Conversions

Conversions Part 1

Format	Color
Hex	899665
RGB	137, 150, 101
RGB Percent	54%, 59%, 40%
CMY	0.4628, 0.4117, 0.6038
CMYK	0.09, 0.00, 0.33, 0.41
HSL	76°, 20%, 49%
HSV	76°, 33%, 59%
XYZ	23.5710, 28.0714, 16.4925
YIQ	140.5270, 7.9810, -17.9950

Conversions

Conversions Part 2

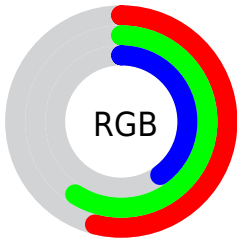
Format	Color
RYB	101, 150, 114
Decimal	9016933
CIELab	59.95, -13.25, 24.34
CIElCh	60, 27.714, 118.559
Yxy	28.0714, 0.3459, 0.4120
Android (android.graphics.Color)	4287207013 (0xFF899665)
YUV	140.5270, -19.4868, -3.0932
Hunter-Lab	52.9824, -13.3076, 18.6318

Details

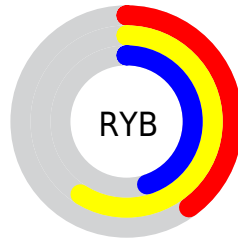
The YIQ color $140.5270, 7.9810, -17.9950$ is a dark color, and the websafe version is hex 999966 . A complement of this color would be $110.4730, -7.9810, 17.9950$, and the grayscale version is $141.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $194.1850, 8.9440, -18.9280$, and $89.8690, 7.0180, -17.0620$ is the 20% darker color. If you saturate the color by 10%, you get $137.6210, 10.4120, -23.5080$, and if you desaturate by 10%, it is $143.4330, 5.5500, -12.4820$.

Distribution



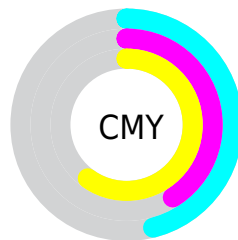
- Red (54%)
- Green (59%)
- Blue (40%)



- Red (40%)
- Yellow (59%)
- Blue (45%)



- Cyan (9%)
- Magenta (0%)
- Yellow (33%)
- Black (41%)



- Cyan (46%)
- Magenta (41%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 140.5270, 7.9810, -17.9950 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 140.5270, 7.9810, -17.9950 by changing the saturation by 10% instead.

 140.5270, 7.9810,
-17.9950


 140.5270, 7.9810,
-17.9950


255.0000, -0.0000,
-0.0000


 114.7550, 7.3390,
-17.3730


 194.1850, 8.9440,
-18.9280


 89.8690, 7.0180,
-17.0620

 222.0710, 9.2650,
-19.2390

 66.0970, 6.3760,
-16.4400

 247.4350, 11.2360,
-16.4120

 43.9830, 6.6970,
-16.7510

 252.7200, 6.4200,
-6.2200

 23.5790, 2.2030,
-12.3970

 0.0000, 0.0000,
0.0000

■ 140.5270, 7.9810,
-17.9950

■ 140.5270, 7.9810,
-17.9950

■ 137.6210, 10.4120,
-23.5080

■ 143.4330, 5.5500,
-12.4820

■ 134.7150, 12.8430,
-29.0210

■ 146.3390, 3.1190,
-6.9690

■ 131.8090, 15.2740,
-34.5340

■ 149.2450, 0.6880,
-1.4560

■ 128.9030, 17.7050,
-40.0470

■ 152.1510, -1.7430,
4.0570

■ 125.9970, 20.1360,
-45.5600

■ 155.0570, -4.1740,
9.5700

■ 123.0910, 22.5670,
-51.0730

■ 157.9630, -6.6050,
15.0830

■ 120.9400, 24.3100,
-55.1300

■ 160.8690, -9.0360,
20.5960

■ 163.7750,

-11.4670, 26.1090

■ 166.6810,
-13.8980, 31.6220

Harmonies

Analogous

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



143.6220, 27.0070, -10.3770



140.5270, 7.9810, -17.9950



137.0280, -15.5390, -21.2590

Triad

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



140.5270, 7.9810, -17.9950



134.2120, -56.4390, -6.8950



147.5300, 31.4030, 20.0990

Complementary

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



140.5270, 7.9810, -17.9950



110.4730, -7.9810, 17.9950

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.



148.3030, 13.1090, 21.2450



140.5270, 7.9810, -17.9950



141.1810, -36.8180, 6.4620

Square

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



140.5270, 7.9810, -17.9950



130.3330, -58.6380, -16.6060



146.5650, -11.2360, 16.4120



146.4520, 40.0700, 11.7020

Rectangle

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



140.5270, 7.9810, -17.9950



134.3450, -32.5490, -21.3570



146.5650, -11.2360, 16.4120



148.1320, 26.7720, 21.4280

Sweetspot

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



140.5270, 7.9810, -17.9950



190.2250, 3.4400, -7.2800



122.6950, 25.9040, 4.1120



94.7350, 2.0640, -4.3680



224.0000, -0.0000, 0.0000



97.0000, -0.0000, 0.0000

Same Dimension

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



140.5270, 7.9810, -17.9950



179.3560, 12.4760, -27.8760



133.3510, -6.3230, -23.0830



72.6040, 1.0550, -2.6010



111.2050, 22.2460, -50.7620



7.9630, 1.4220, -3.7460

Inverse Universe

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



110.4730, -7.9810, 17.9950



132.6440, -12.4760, 27.8760



117.6490, 6.3230, 23.0830



68.3960, -1.0550, 2.6010



26.7950, -22.2460, 50.7620



2.0370, -1.4220, 3.7460

Previews

White Background



This preview shows how the YIQ color 140.5270, 7.9810, -17.9950 looks on a white 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

Black Background



This preview shows how the YIQ color 140.5270, 7.9810, -17.9950 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

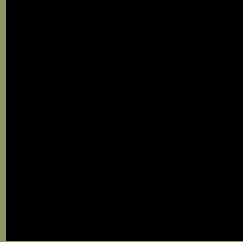
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 140.5270, 7.9810, -17.9950

Background



This preview shows how black text looks on a background with the YIQ color 140.5270, 7.9810, -17.9950.



This preview shows how white text looks on a background with the YIQ color 140.5270, 7.9810, -17.9950.

-17.9950.

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

140.5270, 7.9810, -17.9950

Protanopia

142.4580, 21.5970, -11.4510

Deuteranopia

143.9910, 30.5820, -3.5780



Tritanopia

144.6670, -3.2560, 3.9440

Trichromacy



Original Color

140.5270, 7.9810, -17.9950

Protanomaly

141.6530, 16.5540, -13.6700

Deuteranomaly

142.6370, 22.6510, -8.5250

Tritanomaly

143.2510, 0.5510, -4.4810

Monochromacy



Original Color

140.5270, 7.9810, -17.9950

Achromatopsia

141.0000, -0.0000, -0.0000

Achromatomaly

140.7520, 3.3940, -6.4460

CSS Examples

Text

The CSS property to change the color of the text to YIQ 140.5270, 7.9810, -17.9950 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(137, 150, 101)` looks like.

```
.text, #text, p{  
    color:rgb(137, 150, 101)  
}
```

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(137, 150, 101) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 150, 101) }
```

Border

The CSS property to change the border of an element to YIQ 140.5270, 7.9810, -17.9950 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(137, 150, 101) }
```


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

```
.border{ border-color:rgb(137, 150, 101) }
```

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

Here you see how a box with a 4 pixel `rgb(137, 150, 101)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(137, 150, 101); -webkit-box-  
shadow:4px 4px 4px 4px rgb(137, 150, 101);  
box-shadow:4px 4px 4px 4px rgb(137, 150,  
101) }
```

Background

The CSS property to change the background color of an element to YIQ 140.5270, 7.9810, -17.9950 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 150, 101) }
```

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

```
.background{ background-color: rgb(137,  
150, 101) }
```

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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