

Converting Colors

YIQ(140.1570, 6.1470, -17.7970)

Have a look what the booklet for
YIQ(140.1570, 6.1470, -17.7970)
contains.

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Color

**YIQ(140.1570, 6.1470,
-17.7970)**

Conversions

Conversions Part 1

Format	Color
Hex	879667
RGB	135, 150, 103
RGB Percent	53%, 59%, 40%
CMY	0.4707, 0.4117, 0.5960
CMYK	0.10, 0.00, 0.31, 0.41
HSL	79°, 19%, 50%
HSV	79°, 31%, 59%
XYZ	23.3453, 27.9438, 16.9993
YIQ	140.1570, 6.1470, -17.7970

Conversions

Conversions Part 2

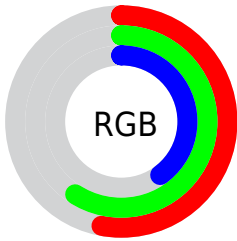
Format	Color
R_{YB}	103, 150, 118
Decimal	8885863
CIE _{Lab}	59.84, -13.76, 23.06
CIE _{LCh}	60, 26.854, 120.819
Yxy	27.9438, 0.3419, 0.4092
Android (android.graphics.Color)	4287075943 (0xFF879667)
YUV	140.1570, -18.3184, -4.5227
Hunter-Lab	52.8619, -13.6776, 17.9368

Details

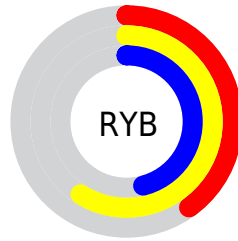
The YIQ color $140.1570, 6.1470, -17.7970$ is a dark color, and the websafe version is hex 999966 . A complement of this color would be $112.8430, -6.1470, 17.7970$, and the grayscale version is $140.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $193.8150, 7.1100, -18.7300$, and $89.7980, 5.7800, -16.6520$ is the 20% darker color. If you saturate the color by 10%, you get $136.9520, 7.9820, -23.5220$, and if you desaturate by 10%, it is $143.3620, 4.3120, -12.0720$.

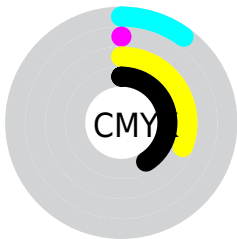
Distribution



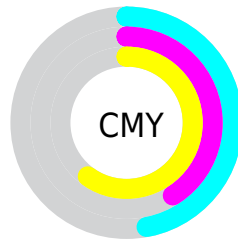
- Red (53%)
- Green (59%)
- Blue (40%)



- Red (40%)
- Yellow (59%)
- Blue (46%)



- Cyan (10%)
- Magenta (0%)
- Yellow (31%)
- Black (41%)



- Cyan (47%)
- Magenta (41%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 140.1570, 6.1470, -17.7970 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 140.1570, 6.1470, -17.7970 by changing the saturation by 10% instead.

■ 140.1570, 6.1470,
-17.7970

■ 140.1570, 6.1470,
-17.7970

■ 255.0000, -0.0000,
-0.0000

■ 114.3850, 5.5050,
-17.1750

■ 193.8150, 7.1100,
-18.7300

■ 89.7980, 5.7800,
-16.6520

■ 221.7010, 7.4310,
-19.0410

■ 66.0260, 5.1380,
-16.0300

■ 246.7660, 8.8060,
-16.4260

■ 43.7270, 4.5420,
-16.2420

■ 252.9480, 5.7780,
-5.5980

■ 23.2800, 1.6070,
-12.6090

■ 0.0000, 0.0000,
0.0000

■ 140.1570, 6.1470,
-17.7970

■ 140.1570, 6.1470,
-17.7970

■ 136.9520, 7.9820,
-23.5220

■ 143.3620, 4.3120,
-12.0720

■ 133.7470, 9.8170,
-29.2470

■ 146.5670, 2.4770,
-6.3470

■ 130.8410, 12.2480,
-34.7600

■ 149.4730, 0.0460,
-0.8340

■ 127.6360, 14.0830,
-40.4850

■ 152.6780, -1.7890,
4.8910

■ 124.4310, 15.9180,
-46.2100

■ 155.8830, -3.6240,
10.6160

■ 121.2260, 17.7530,
-51.9350

■ 159.0880, -5.4590,
16.3410

■ 118.5480, 19.5420,
-56.8260

■ 162.2930, -7.2940,
22.0660

■ 165.1990, -9.7250,

27.5790

■ 168.4040,
-11.5600, 33.3040

Harmonies

Analogous

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



142.8390, 24.8980, -10.7020



140.1570, 6.1470, -17.7970



136.6580, -17.3730, -21.0610

Triad

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



140.1570, 6.1470, -17.7970



135.1200, -53.1840, -5.3120



147.4760, 31.4950, 18.4310

Complementary

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



140.1570, 6.1470, -17.7970



112.8430, -6.1470, 17.7970

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.



147.7870, 14.6220, 21.3580



140.1570, 6.1470, -17.7970



141.5620, -33.5170, 7.2110

Square

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



140.1570, 6.1470, -17.7970



130.7570, -56.8960, -15.1360



146.3480, -9.1270, 16.7370



145.7400, 39.1990, 10.9670

Rectangle

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



140.1570, 6.1470, -17.7970



134.2740, -33.7870, -20.9470



146.3480, -9.1270, 16.7370



147.4910, 27.1390, 20.2830

Sweetspot

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



140.1570, 6.1470, -17.7970



190.1540, 2.2020, -6.8700



125.8580, 23.8870, 2.1190



94.5500, 1.1470, -4.2690



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.



140.1570, 6.1470, -17.7970



178.3880, 9.4500, -28.1020



133.2800, -7.5610, -22.6730



72.6040, 1.0550, -2.6010



109.1120, 18.0740, -52.2460



7.9630, 1.4220, -3.7460

Inverse Universe

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



112.8430, -6.1470, 17.7970



135.6120, -9.4500, 28.1020



119.7200, 7.5610, 22.6730



68.3960, -1.0550, 2.6010



28.8880, -18.0740, 52.2460



2.0370, -1.4220, 3.7460

Previews

White Background



This preview shows how the YIQ color 140.1570, 6.1470, -17.7970 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 140.1570, 6.1470, -17.7970 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

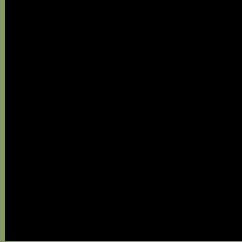
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 140.1570, 6.1470, -17.7970

Background



This preview shows how black text looks on a background with the YIQ color 140.1570, 6.1470, -17.7970.



This preview shows how white text looks on a background with the YIQ color 140.1570, 6.1470,

-17.7970.

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

140.1570, 6.1470, -17.7970

Protanopia

142.2730, 20.6800, -11.3520

Deuteranopia

143.9200, 29.3440, -3.1680



Tritanopia

144.0690, -4.4480, 3.5200

Trichromacy



Original Color

140.1570, 6.1470, -17.7970

Protanomaly

141.4680, 15.6370, -13.5710

Deuteranomaly

142.2670, 20.8170, -8.3270

Tritanomaly

142.7670, -0.9620, -4.5940

Monochromacy



Original Color

140.1570, 6.1470, -17.7970

Achromatopsia

140.0000, 0.0000, 0.0000

Achromatomaly

140.2680, 1.8810, -6.5590

CSS Examples

Text

The CSS property to change the color of the text to YIQ 140.1570, 6.1470, -17.7970 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(135, 150, 103)` looks like.

```
.text, #text, p{  
    color:rgb(135, 150, 103)  
}
```

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(135, 150, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 150, 103) }
```

Border

The CSS property to change the border of an element to YIQ 140.1570, 6.1470, -17.7970 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(135, 150, 103) }
```


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

```
.border{ border-color:rgb(135, 150, 103) }
```

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

Here you see how a box with a 4 pixel `rgb(135, 150, 103)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(135, 150, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(135, 150, 103);  
box-shadow:4px 4px 4px 4px rgb(135, 150,  
103) }
```

Background

The CSS property to change the background color of an element to YIQ 140.1570, 6.1470, -17.7970 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 150, 103) }
```

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

```
.background{ background-color: rgb(135,  
150, 103) }
```

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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