

Converting Colors

YIQ(172.2570, 0.4140, -7.5060)

Have a look what the booklet for
YIQ(172.2570, 0.4140, -7.5060)
contains.

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Color

**YIQ(172.2570, 0.4140,
-7.5060)**

Conversions

Conversions Part 1

Format	Color
Hex	A8B19F
RGB	168, 177, 159
RGB Percent	66%, 69%, 62%
CMY	0.3412, 0.3059, 0.3764
CMYK	0.05, 0.00, 0.10, 0.31
HSL	90°, 10%, 66%
HSV	90°, 10%, 69%
XYZ	38.1279, 42.2730, 38.9526
YIQ	172.2570, 0.4140, -7.5060

Conversions

Conversions Part 2

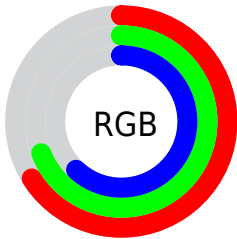
Format	Color
RYB	159, 177, 168
Decimal	11055519
CIELab	71.06, -6.50, 8.12
CIELCh	71, 10.402, 128.658
Yxy	42.2730, 0.3195, 0.3542
Android (android.graphics.Color)	4289245599 (0xFFA8B19F)
YUV	172.2570, -6.5357, -3.7334
Hunter-Lab	65.0177, -9.1044, 9.9913

Details

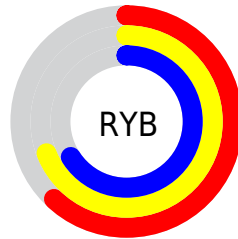
The YIQ color $172.2570, 0.4140, -7.5060$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $163.7430, -0.4140, 7.5060$, and the grayscale version is $172.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $227.8440, 0.1390, -8.0290$, and $119.7840, 0.3680, -6.6720$ is the 20% darker color. If you saturate the color by 10%, you get $167.5140, 0.8280, -15.0120$, and if you desaturate by 10%, it is $177.0000, -0.0000, 0.0000$.

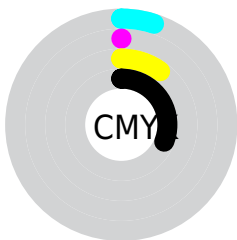
Distribution



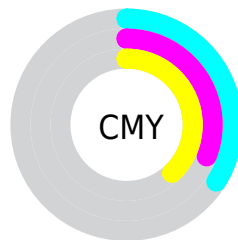
- Red (66%)
- Green (69%)
- Blue (62%)



- Red (62%)
- Yellow (69%)
- Blue (66%)



- Cyan (5%)
- Magenta (0%)
- Yellow (10%)
- Black (31%)




- Cyan (34%)
- Magenta (31%)
- Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 172.2570, 0.4140, -7.5060 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 172.2570, 0.4140, -7.5060 by changing the saturation by 10% instead.


 172.2570, 0.4140,
-7.5060


 172.2570, 0.4140,
-7.5060


255.0000, -0.0000,
-0.0000


 145.6700, 0.6890,
-6.9830


 227.8440, 0.1390,
-8.0290


 119.7840, 0.3680,
-6.6720

 252.6210, 2.3850,
-4.6790

 95.3710, 0.0930,
-7.1950

 71.7840, 0.3680,
-6.6720

 48.8980, 0.0470,
-6.3610

 28.3110, 0.3220,
-5.8380

 4.1090, -1.9250,

-3.6610

■ 0.0000, 0.0000,
0.0000

■ 172.2570, 0.4140,
-7.5060

■ 172.2570, 0.4140,
-7.5060

■ 167.5140, 0.8280,
-15.0120

■ 177.0000, -0.0000,
0.0000

■ 162.8850, 0.9210,
-22.2070

■ 181.6290, -0.0930,
7.1950

■ 158.1420, 1.3350,
-29.7130

■ 186.3720, -0.5070,
14.7010

■ 153.6980, 2.3450,
-37.0070

■ 190.8160, -1.5170,
21.9950

■ 149.0690, 2.4380,
-44.2020

■ 195.5590, -1.9310,
29.5010

■ 144.3260, 2.8520,
-51.7080

■ 199.0480, 1.1860,
33.5860

■ 139.5830, 3.2660,
-59.2140

■ 201.7390, 6.5500,
35.4940

■ 134.8400, 3.6800,
-66.7200

■ 204.4300, 11.9140,
37.4020

■ 130.2110, 3.7730,
-73.9150

■ 207.1210, 17.2780,
39.3100

Harmonies

Analogous

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



173.3290, 9.0790, -4.8490



172.2570, 0.4140, -7.5060



171.3530, -8.6640, -8.1840

Triad

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



172.2570, 0.4140, -7.5060



172.6160, -16.4140, 0.1140



176.1160, 14.5330, 6.4450

Complementary

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



172.2570, 0.4140, -7.5060



163.7430, -0.4140, 7.5060

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.



175.7610, 8.3430, 8.4950



172.2570, 0.4140, -7.5060



173.9590, -9.9500, 4.1140

Square

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



172.2570, 0.4140, -7.5060



171.3120, -18.6140, -4.0700



175.4440, -1.0100, 7.2940



175.6770, 17.1470, 3.1230

Rectangle

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



172.2570, 0.4140, -7.5060



171.1290, -13.8450, -7.9010



175.4440, -1.0100, 7.2940



176.2730, 12.6530, 7.4770

Sweetspot

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



172.2570, 0.4140, -7.5060



228.0060, -0.1370, -3.0250



169.6650, 8.2530, -0.8910



113.5330, -0.1830, -2.1910



242.0000, -0.0000, 0.0000



115.0000, -0.0000, 0.0000

Same Dimension

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



172.2570, 0.4140, -7.5060



222.6220, 0.6440, -11.6760



169.5660, -4.9500, -9.4140



86.7780, 0.5050, -3.6470



112.5350, 3.2210, -63.9070



19.1490, 0.5980, -10.8420

Inverse Universe

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



163.7430, -0.4140, 7.5060



209.3780, -0.6440, 11.6760



166.4340, 4.9500, 9.4140



82.5210, 0.0910, 3.8590



40.4650, -3.2210, 63.9070



6.8510, -0.5980, 10.8420

Previews

White Background



This preview shows how the YIQ color 172.2570, 0.4140, -7.5060 looks on a white background.

Color Contrast Check

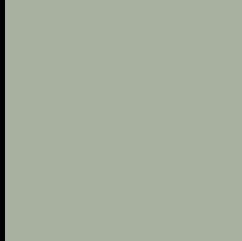
Large Text (above 18pt) WCAG AA × Fail

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 172.2570, 0.4140, -7.5060 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

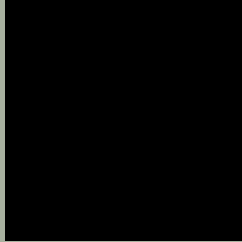
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

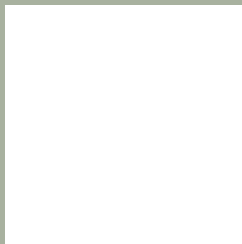
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 172.2570, 0.4140, -7.5060

Background



This preview shows how black text looks on a background with the YIQ color 172.2570, 0.4140, -7.5060.



This preview shows how white text looks on a background with the YIQ color 172.2570, 0.4140,

-7.5060.

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

172.2570, 0.4140, -7.5060

Protanopia

173.5680, 9.9040, -3.2800

Deuteranopia

175.2750, 18.3390, 3.5470



Tritanopia

174.2970, -5.0900, 4.1420

Trichromacy



Original Color

172.2570, 0.4140, -7.5060

Protanomaly

172.7740, 6.3280, -4.5520

Deuteranomaly

173.9320, 11.8750, -0.4530

Tritanomaly

173.4450, -2.7510, 0.2970

Monochromacy



Original Color

172.2570, 0.4140, -7.5060

Achromatopsia

172.0000, -0.0000, -0.0000

Achromatomaly

172.3050, 0.4590, -2.8130

CSS Examples

Text

The CSS property to change the color of the text to YIQ 172.2570, 0.4140, -7.5060 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(168, 177, 159)` looks like.

```
.text, #text, p{  
    color:rgb(168, 177, 159)  
}
```

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(168, 177, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 177, 159) }
```

Border

The CSS property to change the border of an element to YIQ 172.2570, 0.4140, -7.5060 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(168, 177, 159) }
```


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

```
.border{ border-color:rgb(168, 177, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(168, 177, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 177, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 177, 159);  
box-shadow:4px 4px 4px 4px rgb(168, 177,  
159) }
```

Background

The CSS property to change the background color of an element to YIQ 172.2570, 0.4140, -7.5060 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 177, 159) }
```

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

```
.background{ background-color: rgb(168,  
177, 159) }
```

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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