

Converting Colors

YIQ(159.3570, 21.0440, 4.0840)

Have a look what the booklet for
YIQ(159.3570, 21.0440, 4.0840)
contains.

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Color

**YIQ(159.3570, 21.0440,
4.0840)**

Conversions

Conversions Part 1

Format	Color
Hex	B6978F
RGB	182, 151, 143
RGB Percent	71%, 59%, 56%
CMY	0.2862, 0.4079, 0.4391
CMYK	0.00, 0.17, 0.21, 0.29
HSL	12°, 21%, 64%
HSV	12°, 21%, 71%
XYZ	35.3197, 34.0601, 30.7084
YIQ	159.3570, 21.0440, 4.0840

Conversions

Conversions Part 2

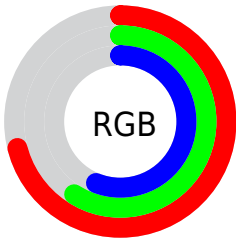
Format	Color
R_{YB}	182, 153, 143
Decimal	11966351
CIE Lab	65.01, 10.29, 8.51
CIE LCh	65, 13.355, 39.612
Yxy	34.0601, 0.3529, 0.3403
Android (android.graphics.Color)	4290156431 (0xFFB6978F)
YUV	159.3570, -8.0640, 19.8579
Hunter-Lab	58.3610, 5.8952, 9.6555

Details

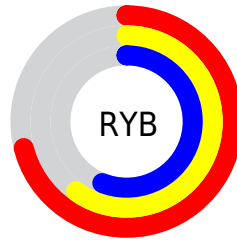
The YIQ color $159.3570, 21.0440, 4.0840$ is a light color, and the websafe version is hex $CC9999$. A complement of this color would be $165.6430, -21.0440, -4.0840$, and the grayscale version is $159.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $213.9550, 22.2360, 4.5080$, and $107.8730, 19.5310, 3.9710$ is the 20% darker color. If you saturate the color by 10%, you get $149.0870, 30.6720, 5.8080$, and if you desaturate by 10%, it is $169.6270, 11.4160, 2.3600$.

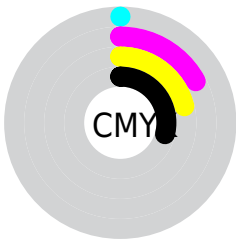
Distribution



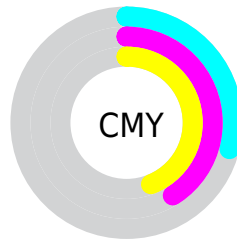
- Red (71%)
- Green (59%)
- Blue (56%)



- Red (71%)
- Yellow (60%)
- Blue (56%)



- Cyan (0%)
- Magenta (17%)
- Yellow (21%)
- Black (29%)





- Cyan (29%)
- Magenta (41%)
- Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 159.3570, 21.0440, 4.0840 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 159.3570, 21.0440, 4.0840 by changing the saturation by 10% instead.


 159.3570, 21.0440,
4.0840

 159.3570, 21.0440,
4.0840


255.0000, -0.0000,
-0.0000

 133.0580, 20.4480,
3.8720


 213.9550, 22.2360,
4.5080


 107.8730, 19.5310,
3.9710


 238.6660, 15.6800,
2.1760

 83.2750, 18.3390,
3.5470

254.7720, 0.6420,
-0.6220

 59.7910, 16.8260,
3.4340

 38.1930, 15.6340,
3.0100

 15.7480, 18.3850,
2.7130

 0.0000, 0.0000,

0.0000

■ 159.3570, 21.0440,
4.0840

■ 159.3570, 21.0440,
4.0840

■ 149.0870, 30.6720,
5.8080

■ 169.6270, 11.4160,
2.3600

■ 138.2300, 40.5750,
8.0550

■ 180.4840, 1.5130,
0.1130

■ 127.8460, 50.5240,
9.4680

■ 190.8680, -8.4360,
-1.3000

■ 116.9890, 60.4270,
11.7150

■ 201.7250,
-18.3390, -3.5470

■ 106.7190, 70.0550,
13.4390

■ 211.9950,
-27.9670, -5.2710

■ 95.8620, 79.9580,
15.6860

■ 222.8520,
-37.8700, -7.5180

■ 85.5920, 89.5860,
17.4100

■ 231.4120,
-42.6830, -13.9070

■ 76.1370, 98.2970,
19.2330

■ 233.1730,
-43.5080, -15.4760

Harmonies

Analogous

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



160.3230, 18.3840, 8.2400



159.3570, 21.0440, 4.0840



158.2270, 18.2940, -1.1460

Triad

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



159.3570, 21.0440, 4.0840



154.2170, -11.2770, -10.3890



157.6430, -11.8760, 5.9800

Complementary

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



159.3570, 21.0440, 4.0840



165.6430, -21.0440, -4.0840

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.



155.6910, -20.9990, 0.6090



159.3570, 21.0440, 4.0840



153.4810, -20.7680, -9.0880

Square

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



159.3570, 21.0440, 4.0840



155.7900, 0.2310, -9.6970



154.1480, -24.0240, -5.1440



159.2100, -0.2310, 9.6970

Rectangle

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



159.3570, 21.0440, 4.0840



157.6670, 13.9390, -4.8210



154.1480, -24.0240, -5.1440



157.3220, -15.4060, 3.8740

Sweetspot

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



159.3570, 21.0440, 4.0840



228.9470, 7.5190, 1.3990



158.1950, 13.2930, 17.9090



114.8650, 4.8140, 0.8620



247.0000, -0.0000, -0.0000



120.0000, -0.0000, -0.0000

Same Dimension

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



159.3570, 21.0440, 4.0840



201.1690, 33.3770, 6.3450



170.5100, 15.8190, -5.8530



86.2780, 5.0890, 1.3850



65.4280, 84.1760, 16.3360



11.8940, 15.0380, 2.7980

Inverse Universe

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



165.6430, -21.0440, -4.0840



211.4180, -33.6520, -6.8680



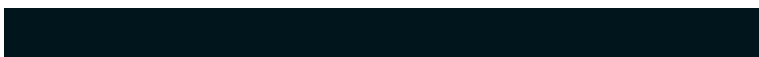
154.4900, -15.8190, 5.8530



88.1350, -4.8140, -0.8620



90.5720, -84.1760, -16.3360



16.1060, -15.0380, -2.7980

Previews

White Background



This preview shows how the YIQ color 159.3570, 21.0440, 4.0840 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 159.3570, 21.0440, 4.0840 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

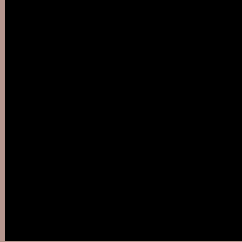
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 159.3570, 21.0440, 4.0840

Background



This preview shows how black text looks on a background with the YIQ color 159.3570, 21.0440, 4.0840.



This preview shows how white text looks on a background with the YIQ color 159.3570, 21.0440,

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

159.3570, 21.0440, 4.0840

Protanopia

157.5400, 7.1070, -2.1490

Deuteranopia

159.0470, 18.9810, 2.9250



Tritanopia

160.1320, 17.6040, 11.3640

Trichromacy



Original Color

159.3570, 21.0440, 4.0840

Protanomaly

158.3450, 12.1500, 0.0700

Deuteranomaly

159.3460, 19.5770, 3.1370

Tritanomaly

159.7360, 18.6590, 8.7630

Monochromacy



Original Color

159.3570, 21.0440, 4.0840

Achromatopsia

159.0000, -0.0000, 0.0000

Achromatomaly

158.9470, 7.5190, 1.3990

CSS Examples

Text

The CSS property to change the color of the text to YIQ 159.3570, 21.0440, 4.0840 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(182, 151, 143)` looks like.

```
.text, #text, p{  
    color:rgb(182, 151, 143)  
}
```

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(182, 151, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 151, 143) }
```

Border

The CSS property to change the border of an element to YIQ 159.3570, 21.0440, 4.0840 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(182, 151, 143) }
```


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

```
.border{ border-color:rgb(182, 151, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 151, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 151, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 151, 143);  
box-shadow:4px 4px 4px 4px rgb(182, 151,  
143) }
```

Background

The CSS property to change the background color of an element to YIQ 159.3570, 21.0440, 4.0840 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 151, 143) }
```

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

```
.background{ background-color: rgb(182,  
151, 143) }
```

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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