

Converting Colors

YIQ(170.3850, 14.6730, -7.1110)

Have a look what the booklet for
YIQ(170.3850, 14.6730, -7.1110)
contains.

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Color

**YIQ(170.3850, 14.6730,
-7.1110)**

Conversions

Conversions Part 1

Format	Color
Hex	B4AB8E
RGB	180, 171, 142
RGB Percent	71%, 67%, 56%
CMY	0.2941, 0.3294, 0.4431
CMYK	0.00, 0.05, 0.21, 0.29
HSL	46°, 20%, 63%
HSV	46°, 21%, 71%
XYZ	38.2688, 40.7814, 31.4539
YIQ	170.3850, 14.6730, -7.1110

Conversions

Conversions Part 2

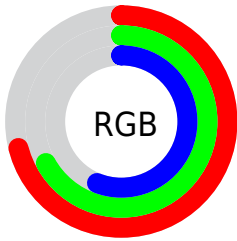
Format	Color
R _Y B	154, 180, 142
Decimal	11840398
CIE Lab	70.02, -1.58, 16.10
CIE LCh	70, 16.181, 95.595
Yxy	40.7814, 0.3463, 0.3690
Android (android.graphics.Color)	4290030478 (0xFFB4AB8E)
YUV	170.3850, -13.9938, 8.4324
Hunter-Lab	63.8603, -4.7879, 15.4994

Details

The YIQ color **170.3850, 14.6730, -7.1110** is a light color, and the websafe version is hex **999966**. A complement of this color would be **151.6150, -14.6730, 7.1110**, and the grayscale version is **171.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **225.5700, 15.5900, -7.2100**, and **118.3140, 13.4350, -6.7010** is the 20% darker color. If you saturate the color by 10%, you get **165.9850, 21.5510, -10.6170**, and if you desaturate by 10%, it is **174.7850, 7.7950, -3.6050**.

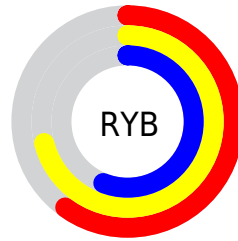
Distribution



Red (71%)

Green (67%)

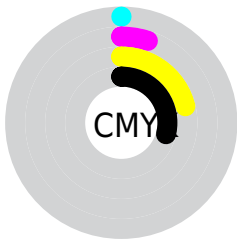
Blue (56%)



Red (60%)

Yellow (71%)

Blue (56%)

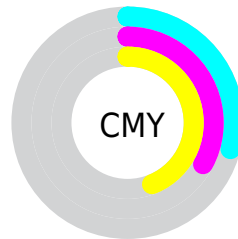


Cyan (0%)

Magenta (5%)

Yellow (21%)

Black (29%)



Cyan (29%)


Magenta (33%)


Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 170.3850, 14.6730, -7.1110 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 170.3850, 14.6730, -7.1110 by changing the saturation by 10% instead.


 170.3850, 14.6730,
-7.1110

 170.3850, 14.6730,
-7.1110


255.0000, -0.0000,
-0.0000


 144.0860, 14.0770,
-7.3230


 225.5700, 15.5900,
-7.2100


 118.3140, 13.4350,
-6.7010


 251.4660, 9.9510,
-9.6410

 93.4280, 13.1140,
-6.3900

 254.6580, 0.9630,
-0.9330

 69.9440, 11.6010,
-6.5030

 47.1720, 10.9590,
-5.8810

 25.7160, 12.2430,
-7.1250

 0.0000, 0.0000,

0.0000

■ 170.3850, 14.6730,
-7.1110

■ 170.3850, 14.6730,
-7.1110

■ 165.9850, 21.5510,
-10.6170

■ 174.7850, 7.7950,
-3.6050

■ 160.9980, 28.7040,
-13.6000

■ 179.7720, 0.6420,
-0.6220

■ 156.5980, 35.5820,
-17.1060

■ 184.1720, -6.2360,
2.8840

■ 152.1980, 42.4600,
-20.6120

■ 188.5720,
-13.1140, 6.3900

■ 147.7980, 49.3380,
-24.1180

■ 192.9720,
-19.9920, 9.8960

■ 142.8110, 56.4910,
-27.1010

■ 197.9590,
-27.1450, 12.8790

■ 138.4110, 63.3690,
-30.6070

■ 200.8770,
-29.8500, 12.3420

■ 134.2390, 69.6050,
-33.4910

■ 203.2250,
-30.9500, 10.2500

■ 205.5730,
-32.0500, 8.1580

Harmonies

Analogous

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



171.9780, 23.4290, -0.5950



170.3850, 14.6730, -7.1110



168.2200, 1.8360, -11.2520

Triad

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



170.3850, 14.6730, -7.1110



166.2720, -30.3050, -6.9530



174.3640, 11.1390, 12.8910

Complementary

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



170.3850, 14.6730, -7.1110



151.6150, -14.6730, 7.1110

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.



172.5950, -2.7530, 11.3510



170.3850, 14.6730, -7.1110



167.9290, -27.6010, -0.8890

Square

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



170.3850, 14.6730, -7.1110



165.7470, -24.5730, -11.7170



170.4190, -17.0570, 6.2630



173.8720, 21.2720, 10.9680

Rectangle

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



170.3850, 14.6730, -7.1110



167.4900, -7.7920, -12.9760



170.4190, -17.0570, 6.2630



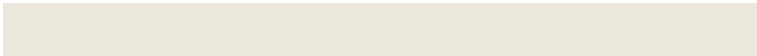
173.9120, 6.6000, 12.5520

Sweetspot

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



170.3850, 14.6730, -7.1110



231.0560, 5.5940, -2.2620



154.5020, 19.4380, 11.1660



114.9140, 3.1180, -1.4420



245.0000, -0.0000, 0.0000



117.0000, -0.0000, 0.0000

Same Dimension

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



170.3850, 14.6730, -7.1110



220.0560, 22.7890, -11.0270



172.9770, 6.8340, -13.7260



86.8000, 3.4390, -1.7530



114.4260, 59.0130, -28.7550



18.9270, 10.2710, -4.4250

Inverse Universe

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



151.6150, -14.6730, 7.1110



190.9440, -22.7890, 11.0270



149.3220, -6.2380, 13.9380



82.2000, -3.4390, 1.7530



38.5740, -59.0130, 28.7550



6.4860, -9.9960, 4.9480

Previews

White Background



This preview shows how the YIQ color 170.3850, 14.6730, -7.1110 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 170.3850, 14.6730, -7.1110 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

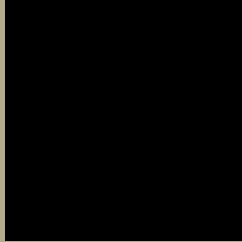
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 170.3850, 14.6730, -7.1110

Background



This preview shows how black text looks on a background with the YIQ color 170.3850, 14.6730, -7.1110.



This preview shows how white text looks on a background with the YIQ color 170.3850, 14.6730, -7.1110.

-7.1110.

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

170.3850, 14.6730, -7.1110

Protanopia

170.6840, 15.2690, -6.8990

Deuteranopia

172.0600, 26.1340, -0.0580



Tritanopia

173.1630, 7.1510, 8.0710

Trichromacy



Original Color

170.3850, 14.6730, -7.1110

Protanomaly

170.6840, 15.2690, -6.8990

Deuteranomaly

171.4400, 22.0080, -2.3760

Tritanomaly

172.2570, 9.5820, 2.5580

Monochromacy



Original Color

170.3850, 14.6730, -7.1110

Achromatopsia

170.0000, -0.0000, 0.0000

Achromatomaly

170.0560, 5.5940, -2.2620

CSS Examples

Text

The CSS property to change the color of the text to YIQ 170.3850, 14.6730, -7.1110 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(180, 171, 142)` looks like.

```
.text, #text, p{  
    color:rgb(180, 171, 142)  
}
```

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(180, 171, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 171, 142) }
```

Border

The CSS property to change the border of an element to YIQ 170.3850, 14.6730, -7.1110 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(180, 171, 142) }
```


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

```
.border{ border-color:rgb(180, 171, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 171, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 171, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 171, 142);  
box-shadow:4px 4px 4px 4px rgb(180, 171,  
142) }
```

Background

The CSS property to change the background color of an element to YIQ 170.3850, 14.6730, -7.1110 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 171, 142) }
```

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

```
.background{ background-color: rgb(180,  
171, 142) }
```

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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