

Converting Colors

YIQ(171.3980, 21.8260,
-10.0940)

Have a look what the booklet for
YIQ(171.3980, 21.8260, -10.0940)
contains.

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Color

**YIQ(171.3980, 21.8260,
-10.0940)**

Conversions

Conversions Part 1

Format	Color
Hex	BAAC82
RGB	186, 172, 130
RGB Percent	73%, 67%, 51%
CMY	0.2706, 0.3255, 0.4901
CMYK	0.00, 0.08, 0.30, 0.27
HSL	45°, 29%, 62%
HSV	45°, 30%, 73%
XYZ	39.0328, 41.5546, 27.0934
YIQ	171.3980, 21.8260, -10.0940

Conversions

Conversions Part 2

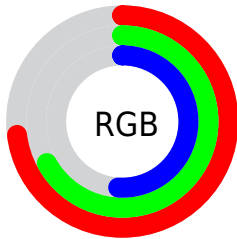
Format	Color
RYB	149, 186, 130
Decimal	12233858
CIELab	70.56, -1.47, 23.45
CIELCh	71, 23.497, 93.576
Yxy	41.5546, 0.3625, 0.3859
Android (android.graphics.Color)	4290423938 (0xFFBAAC82)
YUV	171.3980, -20.4092, 12.8060
Hunter-Lab	64.4629, -4.7267, 20.2048

Details

The YIQ color **171.3980, 21.8260, -10.0940** is a light color, and the websafe version is hex **999966**. A complement of this color would be **144.6020, -21.8260, 10.0940**, and the grayscale version is **172.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **226.7680, 23.6600, -10.2920**, and **119.0280, 19.9920, -9.8960** is the 20% darker color. If you saturate the color by 10%, you get **166.2970, 29.3000, -13.3880**, and if you desaturate by 10%, it is **176.4990, 14.3520, -6.8000**.

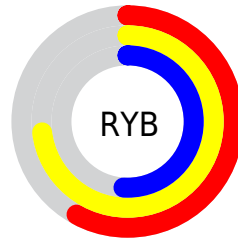
Distribution



Red (73%)

Green (67%)

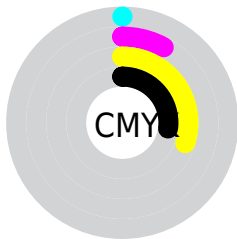
Blue (51%)



Red (58%)

Yellow (73%)

Blue (51%)

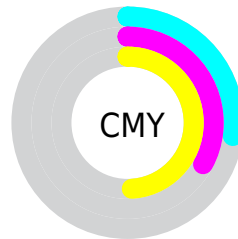


Cyan (0%)

Magenta (8%)

Yellow (30%)

Black (27%)



Cyan (27%)


Magenta (33%)

Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 171.3980, 21.8260, -10.0940 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 171.3980, 21.8260, -10.0940 by changing the saturation by 10% instead.


 171.3980, 21.8260,
-10.0940


 171.3980, 21.8260,
-10.0940


255.0000, -0.0000,
-0.0000


 145.2130, 20.9090,
-9.9950


 226.7680, 23.6600,
-10.2920


 119.0280, 19.9920,
-9.8960


 249.9840, 14.1240,
-13.6840

 93.9570, 18.7540,
-9.4860

 253.1760, 5.1360,
-4.9760

 70.4730, 17.2410,
-9.5990

 47.2880, 16.3240,
-9.5000

 26.9010, 13.1600,
-7.2240

 1.7610, -0.8250,

-1.5690

■ 0.0000, 0.0000,
0.0000

■ 171.3980, 21.8260,
-10.0940

■ 171.3980, 21.8260,
-10.0940

■ 166.2970, 29.3000,
-13.3880

■ 176.4990, 14.3520,
-6.8000

■ 161.8970, 36.1780,
-16.8940

■ 180.8990, 7.4740,
-3.2940

■ 156.7960, 43.6520,
-20.1880

■ 186.0000, -0.0000,
-0.0000

■ 151.8090, 50.8050,
-23.1710

■ 190.9870, -7.1530,
2.9830

■ 147.2950, 58.0040,
-26.9880

■ 195.5010,
-14.3520, 6.8000

■ 142.1940, 65.4780,
-30.2820

■ 200.6020,
-21.8260, 10.0940

■ 137.2070, 72.6310,
-33.2650

■ 205.0190,
-27.3740, 11.5220

■ 207.3670,
-28.4740, 9.4300

■ 210.3020,
-29.8490, 6.8150

Harmonies

Analogous

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



173.5400, 33.4700, -0.8500



171.3980, 21.8260, -10.0940



168.8410, 4.2210, -15.9310

Triad

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



171.3980, 21.8260, -10.0940



163.4270, -47.0390, -12.0550



176.2060, 14.7600, 18.8560

Complementary

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



171.3980, 21.8260, -10.0940



144.6020, -21.8260, 10.0940

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.



174.6750, -5.7340, 15.8180



171.3980, 21.8260, -10.0940



166.6760, -43.0060, -2.5420

Square

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



171.3980, 21.8260, -10.0940



163.7130, -36.4010, -17.6250



171.4980, -27.4650, 7.6630



175.9380, 30.0740, 16.6500

Rectangle

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



171.3980, 21.8260, -10.0940



167.2460, -10.2210, -18.5170



171.4980, -27.4650, 7.6630



176.2700, 8.7080, 18.4040

Sweetspot

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



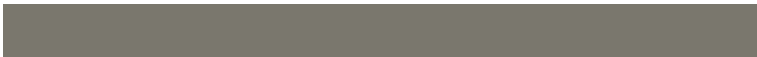
171.3980, 21.8260, -10.0940



236.5570, 8.4370, -4.2270



148.4540, 28.5610, 16.5370



118.7570, 4.9980, -2.4740



250.0000, 0.0000, 0.0000



122.0000, 0.0000, -0.0000

Same Dimension

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



171.3980, 21.8260, -10.0940



219.1680, 33.9770, -15.5510



175.7290, 10.2280, -20.1720



89.8000, 3.4390, -1.7530



115.3230, 60.8010, -28.1190



20.6990, 10.9130, -5.0470

Inverse Universe

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



144.6020, -21.8260, 10.0940



177.8320, -33.9770, 15.5510



140.2710, -10.2280, 20.1720



85.2000, -3.4390, 1.7530



40.6770, -60.8010, 28.1190



7.3010, -10.9130, 5.0470

Previews

White Background



This preview shows how the YIQ color 171.3980, 21.8260, -10.0940 looks on a white background.

Color Contrast Check

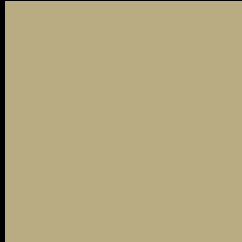
Large Text (above 18pt) WCAG AA × Fail

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 171.3980, 21.8260, -10.0940 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

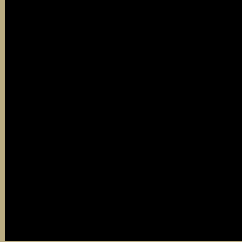
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 171.3980, 21.8260, -10.0940

Background



This preview shows how black text looks on a background with the YIQ color 171.3980, 21.8260, -10.0940.



This preview shows how white text looks on a background with the YIQ color 171.3980, 21.8260, -10.0940.

-10.0940.

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

171.3980, 21.8260, -10.0940

Protanopia

171.0990, 21.2300, -10.3060

Deuteranopia

173.0730, 33.2870, -3.0410



Tritanopia

175.1420, 11.6440, 9.2440

Trichromacy



Original Color

171.3980, 21.8260, -10.0940

Protanomaly

171.0990, 21.2300, -10.3060

Deuteranomaly

172.4530, 29.1610, -5.3590

Tritanomaly

173.7800, 15.3590, 2.4870

Monochromacy



Original Color

171.3980, 21.8260, -10.0940

Achromatopsia

171.0000, -0.0000, -0.0000

Achromatomaly

170.7850, 7.7950, -3.6050

CSS Examples

Text

The CSS property to change the color of the text to YIQ 171.3980, 21.8260, -10.0940 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(186, 172, 130)` looks like.

```
.text, #text, p{  
    color:rgb(186, 172, 130)  
}
```

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(186, 172, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 172, 130) }
```

Border

The CSS property to change the border of an element to YIQ 171.3980, 21.8260, -10.0940 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(186, 172, 130) }
```


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

```
.border{ border-color:rgb(186, 172, 130) }
```

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

Here you see how a box with a 4 pixel rgb(186, 172, 130) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 172, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 172, 130);  
box-shadow:4px 4px 4px 4px rgb(186, 172,  
130) }
```

Background

The CSS property to change the background color of an element to YIQ 171.3980, 21.8260, -10.0940 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 172, 130) }
```

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

```
.background{ background-color: rgb(186,  
172, 130) }
```

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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