

Converting Colors

YIQ(170.1360, 19.8080, -6.5600)

Have a look what the booklet for
YIQ(170.1360, 19.8080, -6.5600)
contains.

YIQ(170.1360, 19.8080, -6.5600)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(170.1360, 19.8080,
-6.5600)**

Conversions

Conversions Part 1

Format	Color
Hex	B9A989
RGB	185, 169, 137
RGB Percent	73%, 66%, 54%
CMY	0.2745, 0.3373, 0.4626
CMYK	0.00, 0.09, 0.26, 0.27
HSL	40°, 26%, 63%
HSV	40°, 26%, 73%
XYZ	38.7126, 40.4952, 29.4528
YIQ	170.1360, 19.8080, -6.5600

Conversions

Conversions Part 2

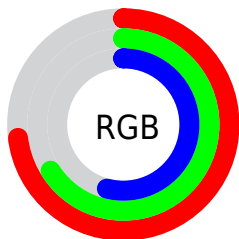
Format	Color
RYB	161, 185, 137
Decimal	12167561
CIELab	69.82, 0.71, 18.62
CIElCh	70, 18.635, 87.805
Yxy	40.4952, 0.3563, 0.3727
Android (android.graphics.Color)	4290357641 (0xFFB9A989)
YUV	170.1360, -16.3360, 13.0357
Hunter-Lab	63.6358, -2.7727, 17.1037

Details

The YIQ color **170.1360, 19.8080, -6.5600** is a light color, and the websafe version is hex **999966**. A complement of this color would be **151.8640, -19.8080, 6.5600**, and the grayscale version is **170.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **225.5060, 21.6420, -6.7580**, and **117.7660, 17.9740, -6.3620** is the 20% darker color. If you saturate the color by 10%, you get **164.5620, 27.2360, -9.0200**, and if you desaturate by 10%, it is **175.8240, 12.0590, -3.7890**.

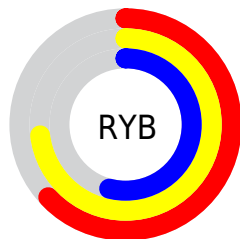
Distribution



Red (73%)

Green (66%)

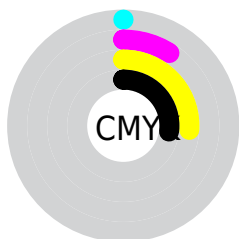
Blue (54%)



Red (63%)

Yellow (73%)

Blue (54%)

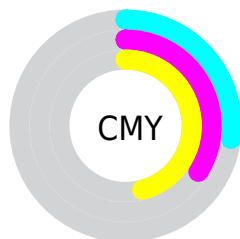


Cyan (0%)

Magenta (9%)

Yellow (26%)

Black (27%)



Cyan (27%)


Magenta (34%)


Yellow (46%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 170.1360, 19.8080, -6.5600 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 170.1360, 19.8080, -6.5600 by changing the saturation by 10% instead.


 170.1360, 19.8080,
-6.5600


 170.1360, 19.8080,
-6.5600


255.0000, -0.0000,
-0.0000


 143.9510, 18.8910,
-6.4610


 225.6200, 21.3210,
-6.4470


 117.7660, 17.9740,
-6.3620


 249.6080, 12.4270,
-10.4610

 92.9940, 17.3320,
-5.7400

 254.0880, 2.5680,
-2.4880

 69.3960, 16.1400,
-6.1640

 46.9120, 14.6270,
-6.2770

 26.0260, 14.3060,
-5.9660

 0.0000, 0.0000,

0.0000

■ 170.1360, 19.8080,
-6.5600

■ 170.1360, 19.8080,
-6.5600

■ 164.5620, 27.2360,
-9.0200

■ 175.8240, 12.0590,
-3.7890

■ 158.8740, 34.9850,
-11.7910

■ 181.3980, 4.6310,
-1.3290

■ 152.7130, 42.6880,
-13.7280

■ 187.6730, -3.3930,
0.9190

■ 147.0250, 50.4370,
-16.4990

■ 193.2470,
-10.8210, 3.3790

■ 141.4510, 57.8650,
-18.9590

■ 198.9350,
-18.5700, 6.1500

■ 135.7630, 65.6140,
-21.7300

■ 204.5090,
-25.9980, 8.6100

■ 130.1890, 73.0420,
-24.1900

■ 208.8290,
-29.8950, 7.6490

■ 127.5160, 76.4350,
-25.1090

■ 212.3510,
-31.5450, 4.5110

■ 216.4600,
-33.4700, 0.8500

Harmonies

Analogous

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



172.0710, 27.6010, 0.8890



170.1360, 19.8080, -6.5600



168.1450, 6.4210, -11.7470

Triad

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



170.1360, 19.8080, -6.5600



164.2390, -34.7060, -9.7940



174.0480, 9.2130, 14.7570

Complementary

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



170.1360, 19.8080, -6.5600



151.8640, -19.8080, 6.5600

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.



172.2570, -7.6130, 11.3230



170.1360, 19.8080, -6.5600



166.0530, -33.8820, -2.6980

Square

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



170.1360, 19.8080, -6.5600



164.3940, -25.0770, -13.5970



169.0700, -23.3840, 5.2880



173.6380, 22.0510, 13.3710

Rectangle

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



170.1360, 19.8080, -6.5600



166.8170, -4.3990, -13.8950



169.0700, -23.3840, 5.2880



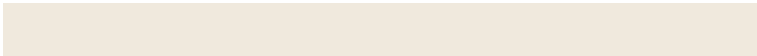
173.2970, 4.0780, 14.2060

Sweetspot

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



170.1360, 19.8080, -6.5600



233.7250, 8.0240, -2.2480



153.2900, 23.1510, 15.4630



116.2840, 4.9520, -1.6400



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.



170.1360, 19.8080, -6.5600



216.7750, 30.9500, -10.2500



177.4350, 11.2360, -16.4120



89.2130, 3.7140, -1.2300



107.6920, 64.3760, -21.3200



19.5250, 11.4630, -4.0010

Inverse Universe

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



151.8640, -19.8080, 6.5600



188.2250, -30.9500, 10.2500



144.5650, -11.2360, 16.4120



85.7870, -3.7140, 1.2300



48.3080, -64.3760, 21.3200



8.4750, -11.4630, 4.0010

Previews

White Background



This preview shows how the YIQ color 170.1360, 19.8080, -6.5600 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 170.1360, 19.8080, -6.5600 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

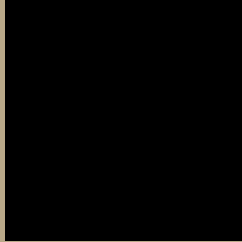
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 170.1360, 19.8080, -6.5600

Background



This preview shows how black text looks on a background with the YIQ color 170.1360, 19.8080, -6.5600.



This preview shows how white text looks on a background with the YIQ color 170.1360, 19.8080, -6.5600.

-6.5600.

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

170.1360, 19.8080, -6.5600

Protanopia

169.6410, 16.8280, -7.6200

Deuteranopia

171.2020, 28.6100, -0.8780



Tritanopia

173.1420, 11.6440, 9.2440

Trichromacy



Original Color

170.1360, 19.8080, -6.5600

Protanomaly

169.9400, 17.4240, -7.4080

Deuteranomaly

170.8810, 25.0800, -2.9840

Tritanomaly

172.1220, 14.3960, 3.4200

Monochromacy



Original Color

170.1360, 19.8080, -6.5600

Achromatopsia

170.0000, -0.0000, 0.0000

Achromatomaly

170.1270, 6.8320, -2.6720

CSS Examples

Text

The CSS property to change the color of the text to YIQ 170.1360, 19.8080, -6.5600 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(185, 169, 137)` looks like.

```
.text, #text, p{  
    color:rgb(185, 169, 137)  
}
```

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(185, 169, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 169, 137) }
```

Border

The CSS property to change the border of an element to YIQ 170.1360, 19.8080, -6.5600 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(185, 169, 137) }
```


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

```
.border{ border-color:rgb(185, 169, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 169, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 169, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 169, 137);  
box-shadow:4px 4px 4px 4px rgb(185, 169,  
137) }
```

Background

The CSS property to change the background color of an element to YIQ 170.1360, 19.8080, -6.5600 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 169, 137) }
```

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

```
.background{ background-color: rgb(185,  
169, 137) }
```

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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