

Converting Colors

YIQ(170.2300, 5.0440, -3.3080)

Have a look what the booklet for
YIQ(170.2300, 5.0440, -3.3080)
contains.

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Color

**YIQ(170.2300, 5.0440,
-3.3080)**

Conversions

Conversions Part 1	
Format	Color
Hex	ADAB9F
RGB	173, 171, 159
RGB Percent	68%, 67%, 62%
CMY	0.3216, 0.3294, 0.3764
CMYK	0.00, 0.01, 0.08, 0.32
HSL	51°, 8%, 65%
HSV	51°, 8%, 68%
XYZ	38.0548, 40.5131, 38.6184
YIQ	170.2300, 5.0440, -3.3080

Conversions

Conversions Part 2

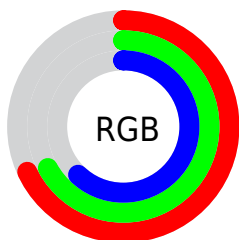
Format	Color
RYB	161, 173, 159
Decimal	11381663
CIELab	69.83, -1.45, 6.42
CIELCh	70, 6.580, 102.751
Yxy	40.5131, 0.3247, 0.3457
Android (android.graphics.Color)	4289571743 (0xFFADAB9F)
YUV	170.2300, -5.5364, 2.4293
Hunter-Lab	63.6499, -4.6663, 8.5818

Details

The YIQ color $170.2300, 5.0440, -3.3080$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $161.7700, -5.0440, 3.3080$, and the grayscale version is $170.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $225.2300, 5.0440, -3.3080$, and $118.3440, 4.7230, -2.9970$ is the 20% darker color. If you saturate the color by 10%, you get $167.1180, 11.0510, -7.5490$, and if you desaturate by 10%, it is $173.3420, -0.9630, 0.9330$.

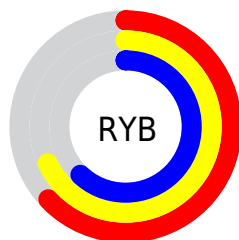
Distribution



Red (68%)

Green (67%)

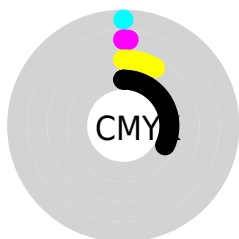
Blue (62%)



Red (63%)

Yellow (68%)

Blue (62%)

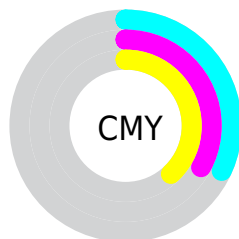


Cyan (0%)

Magenta (1%)

Yellow (8%)

Black (32%)



Cyan (32%)

Magenta (33%)


Yellow (38%)


Brightness & Saturation

Gradients


These gradients show how the YIQ color 170.2300, 5.0440, -3.3080 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 170.2300, 5.0440, -3.3080 by changing the saturation by 10% instead.


 170.2300, 5.0440,
-3.3080


 170.2300, 5.0440,
-3.3080


255.0000, -0.0000,
-0.0000


 143.9310, 4.4480,
-3.5200


 225.2300, 5.0440,
-3.3080


 118.3440, 4.7230,
-2.9970

 253.5180, 4.1730,
-4.0430

 93.3440, 4.7230,
-2.9970


 70.0450, 4.1270,
-3.2090

 47.5720, 4.0810,
-2.3750


 26.5720, 4.0810,
-2.3750

 0.0000, 0.0000,


0.0000


 170.2300, 5.0440,
-3.3080


 170.2300, 5.0440,
-3.3080


 167.1180, 11.0510,
-7.5490


 173.3420, -0.9630,
0.9330


 163.3050, 17.6540,
-11.5780


 177.1550, -7.5660,
4.9620


 160.1930, 23.6610,
-15.8190


 180.2670,
-13.5730, 9.2030


 156.4940, 29.9430,
-19.5370

 183.9660,
-19.8550, 12.9210

 153.3820, 35.9500,
-23.7780

 187.1920,
-26.1830, 17.4730

 149.5690, 42.5530,
-27.8070

 189.9790,
-29.8970, 18.7030

■ 146.4570, 48.5600,
-32.0480

■ 191.1530,
-30.4470, 17.6570

■ 142.7580, 54.8420,
-35.7660

■ 192.9140,
-31.2720, 16.0880

■ 139.5320, 61.1700,
-40.3180

■ 194.0880,
-31.8220, 15.0420

Harmonies

Analogous

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



170.8500, 9.1700, -0.9900



170.2300, 5.0440, -3.3080



169.6530, -0.6410, -4.9050

Triad

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



170.2300, 5.0440, -3.3080



169.3730, -11.4160, -2.3600



171.9840, 6.0970, 5.1450

Complementary

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



170.2300, 5.0440, -3.3080



161.7700, -5.0440, 3.3080

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.



171.3470, 0.6410, 4.9050



170.2300, 5.0440, -3.3080



169.8510, -9.7660, 0.7780

Square

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



170.2300, 5.0440, -3.3080



168.5040, -10.4070, -4.1270



170.7700, -5.0440, 3.3080



172.1970, 9.8110, 3.9150

Rectangle

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



170.2300, 5.0440, -3.3080



169.3860, -4.2630, -5.3430



170.7700, -5.0440, 3.3080



171.6140, 4.2630, 5.3430

Sweetspot

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



170.2300, 5.0440, -3.3080



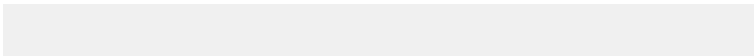
223.5440, 1.2840, -1.2440



163.4140, 7.7020, 3.5900



111.7720, 0.6420, -0.6220



240.0000, -0.0000, -0.0000



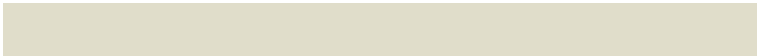
112.0000, -0.0000, 0.0000

Same Dimension

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



170.2300, 5.0440, -3.3080



219.7310, 7.8870, -5.2730



169.9090, 1.5140, -5.4140



84.8000, 3.4390, -1.7530



120.5730, 53.9250, -35.6670



18.6170, 8.2080, -5.5840

Inverse Universe

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



161.7700, -5.0440, 3.3080



206.2690, -7.8870, 5.2730



162.0910, -1.5140, 5.4140



79.6130, -3.1640, 2.2760



29.4270, -53.9250, 35.6670



4.3830, -8.2080, 5.5840

Previews

White Background



This preview shows how the YIQ color 170.2300, 5.0440, -3.3080 looks on a white background.

Color Contrast Check

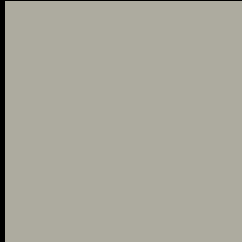
Large Text (above 18pt) WCAG AA × Fail

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 170.2300, 5.0440, -3.3080 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

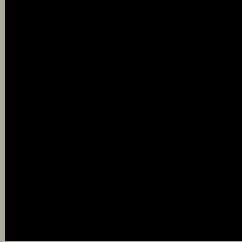
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 170.2300, 5.0440, -3.3080

Background



This preview shows how black text looks on a background with the YIQ color 170.2300, 5.0440, -3.3080.



This preview shows how white text looks on a background with the YIQ color 170.2300, 5.0440,

-3.3080.

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

170.2300, 5.0440, -3.3080

Protanopia

170.4260, 7.4280, -2.4600

Deuteranopia

172.2040, 17.1010, 3.9570



Tritanopia

171.8740, 0.5950, 5.7390

Trichromacy



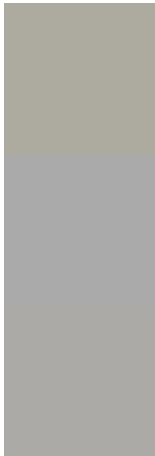
Original Color
170.2300, 5.0440, -3.3080

Protanomaly
170.1270, 6.8320, -2.6720

Deuteranomaly
171.2850, 12.3790, 1.4270

Tritanomaly
171.2500, 2.2920, 2.5160

Monochromacy



Original Color
170.2300, 5.0440, -3.3080

Achromatopsia
170.0000, -0.0000, 0.0000

Achromatomaly
169.8430, 1.8800, -1.0320

CSS Examples

Text

The CSS property to change the color of the text to YIQ 170.2300, 5.0440, -3.3080 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(173, 171, 159)` looks like.

```
.text, #text, p{  
    color:rgb(173, 171, 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(173, 171, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 171, 159) }
```

Border

The CSS property to change the border of an element to YIQ 170.2300, 5.0440, -3.3080 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(173, 171, 159) }
```


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

```
.border{ border-color:rgb(173, 171, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 171, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 171, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 171, 159);  
box-shadow:4px 4px 4px 4px rgb(173, 171,  
159) }
```

Background

The CSS property to change the background color of an element to YIQ 170.2300, 5.0440, -3.3080 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 171, 159) }
```

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

```
.background{ background-color: rgb(173,  
171, 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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