

Converting Colors

YIQ(152.6770, 17.1470, 3.1230)

Have a look what the booklet for
YIQ(152.6770, 17.1470, 3.1230)
contains.

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Color

**YIQ(152.6770, 17.1470,
3.1230)**

Conversions

Conversions Part 1

Format	Color
Hex	AB928B
RGB	171, 146, 139
RGB Percent	67%, 57%, 55%
CMY	0.3294, 0.4275, 0.4548
CMYK	0.00, 0.15, 0.19, 0.33
HSL	13°, 16%, 61%
HSV	13°, 19%, 67%
XYZ	31.7365, 31.0787, 28.7594
YIQ	152.6770, 17.1470, 3.1230

Conversions

Conversions Part 2

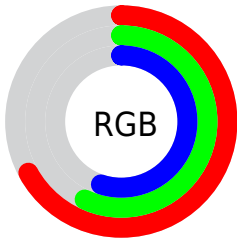
Format	Color
RYB	171, 148, 139
Decimal	11244171
CIELab	62.57, 8.20, 7.15
CIElCh	63, 10.877, 41.096
Yxy	31.0787, 0.3466, 0.3394
Android (android.graphics.Color)	4289434251 (0xFFAB928B)
YUV	152.6770, -6.7428, 16.0693
Hunter-Lab	55.7482, 4.0575, 8.4373

Details

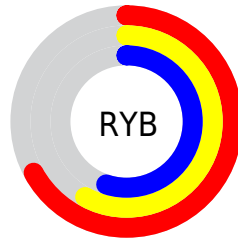
The YIQ color **152.6770, 17.1470, 3.1230** is a light color, and the websafe version is hex **999999**. A complement of this color would be **157.3230, -17.1470, -3.1230**, and the grayscale version is **153.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **207.1610, 18.6600, 3.2360**, and **101.7800, 15.3590, 2.4870** is the 20% darker color. If you saturate the color by 10%, you get **143.1080, 26.1790, 4.6350**, and if you desaturate by 10%, it is **162.2460, 8.1150, 1.6110**.

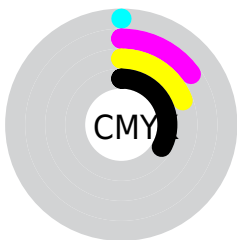
Distribution



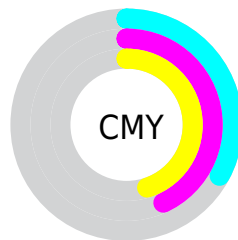
- Red (67%)
- Green (57%)
- Blue (55%)



- Red (67%)
- Yellow (58%)
- Blue (55%)



- Cyan (0%)
- Magenta (15%)
- Yellow (19%)
- Black (33%)




- Cyan (33%)
- Magenta (43%)
- Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 152.6770, 17.1470, 3.1230 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 152.6770, 17.1470, 3.1230 by changing the saturation by 10% instead.


 152.6770, 17.1470,
3.1230


 152.6770, 17.1470,
3.1230


255.0000, -0.0000,
-0.0000


 126.4920, 16.2300,
3.2220


 207.1610, 18.6600,
3.2360


 101.1930, 15.6340,
3.0100


 235.1610, 18.6600,
3.2360

 77.5950, 14.4420,
2.5860

 254.3160, 1.9260,
-1.8660

 54.4100, 13.5250,
2.6850

 32.8120, 12.3330,
2.2610

 9.8340, 15.2670,
4.1550

 0.0000, 0.0000,

0.0000

■ 152.6770, 17.1470,
3.1230

■ 152.6770, 17.1470,
3.1230

■ 143.1080, 26.1790,
4.6350

■ 162.2460, 8.1150,
1.6110

■ 132.9520, 35.4860,
6.6700

■ 172.4020, -1.1920,
-0.4240

■ 123.3830, 44.5180,
8.1820

■ 181.9710,
-10.2240, -1.9360

■ 113.2270, 53.8250,
10.2170

■ 191.5400,
-19.2560, -3.4480

■ 103.6580, 62.8570,
11.7290

■ 201.8100,
-28.8840, -5.1720

■ 93.9750, 72.2100,
12.9300

■ 211.3790,
-37.9160, -6.6840

■ 83.8190, 81.5170,
14.9650

■ 221.0790,
-45.9390, -9.9630

■ 74.2500, 90.5490,
16.4770

■ 228.7100,
-49.5140, -16.7620

■ 72.8480, 91.7410,
16.9010

■ 229.8840,
-50.0640, -17.8080

Harmonies

Analogous

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



153.4150, 15.1290, 6.6570



152.6770, 17.1470, 3.1230



151.9600, 14.6720, -1.5840

Triad

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



152.6770, 17.1470, 3.1230



148.7550, -9.8560, -8.6080



151.6710, -9.0790, 4.8490

Complementary

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



152.6770, 17.1470, 3.1230



157.3230, -17.1470, -3.1230

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.



149.7300, -16.7350, 0.4250



152.6770, 17.1470, 3.1230



148.1010, -16.6420, -6.7700

Square

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



152.6770, 17.1470, 3.1230



149.6590, -0.7780, -7.9300



148.5400, -19.2560, -3.4480



153.0420, 0.1820, 7.7180

Rectangle

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



152.6770, 17.1470, 3.1230



151.2260, 10.8670, -4.2130



148.5400, -19.2560, -3.4480



151.0620, -11.7380, 3.4780

Sweetspot

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



152.6770, 17.1470, 3.1230



214.0610, 7.1980, 1.7100



151.4180, 11.0470, 14.5590



107.5660, 4.2180, 0.6500



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.



152.6770, 17.1470, 3.1230



194.1080, 26.1790, 4.6350



162.0690, 12.7470, -5.2450



81.8650, 4.8140, 0.8620



64.2210, 80.3250, 14.5410



9.8120, 12.3330, 2.2610

Inverse Universe

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



157.3230, -17.1470, -3.1230



200.8920, -26.1790, -4.6350



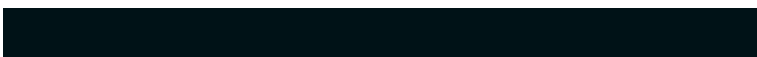
147.9310, -12.7470, 5.2450



83.1350, -4.8140, -0.8620



86.3660, -80.6000, -15.0640



13.1880, -12.3330, -2.2610

Previews

White Background



This preview shows how the YIQ color 152.6770, 17.1470, 3.1230 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 152.6770, 17.1470, 3.1230 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

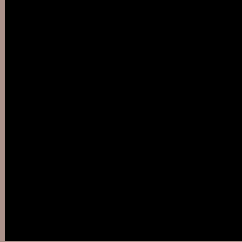
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 152.6770, 17.1470, 3.1230

Background



This preview shows how black text looks on a background with the YIQ color 152.6770, 17.1470, 3.1230.



This preview shows how white text looks on a background with the YIQ color 152.6770, 17.1470,

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

152.6770, 17.1470, 3.1230

Protanopia

151.4690, 5.8690, -1.7390

Deuteranopia

152.6770, 17.1470, 3.1230



Tritanopia

153.9250, 13.7530, 9.5690

Trichromacy



Original Color

152.6770, 17.1470, 3.1230

Protanomaly

151.6760, 9.7200, 0.0560

Deuteranomaly

152.6770, 17.1470, 3.1230

Tritanomaly

153.5290, 14.8080, 6.9680

Monochromacy



Original Color

152.6770, 17.1470, 3.1230

Achromatopsia

153.0000, 0.0000, -0.0000

Achromatomaly

152.7620, 6.6020, 1.4980

CSS Examples

Text

The CSS property to change the color of the text to YIQ 152.6770, 17.1470, 3.1230 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(171, 146, 139)` looks like.

```
.text, #text, p{  
    color:rgb(171, 146, 139)  
}
```

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(171, 146, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 146, 139) }
```

Border

The CSS property to change the border of an element to YIQ 152.6770, 17.1470, 3.1230 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(171, 146, 139) }
```


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

```
.border{ border-color:rgb(171, 146, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 146, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 146, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 146, 139);  
box-shadow:4px 4px 4px 4px rgb(171, 146,  
139) }
```

Background

The CSS property to change the background color of an element to YIQ 152.6770, 17.1470, 3.1230 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 146, 139) }
```

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

```
.background{ background-color: rgb(171,  
146, 139) }
```

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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