

Converting Colors

YIQ(156.1870, 51.3020, 17.3980)

Have a look what the booklet for
YIQ(156.1870, 51.3020, 17.3980)
contains.

YIQ(156.1870, 51.3020, 17.3980)	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(156.1870, 51.3020,
17.3980)**

Conversions

Conversions Part 1

Format	Color
Hex	D88381
RGB	216, 131, 129
RGB Percent	85%, 51%, 51%
CMY	0.1527, 0.4864, 0.4939
CMYK	0.00, 0.39, 0.40, 0.15
HSL	1°, 53%, 68%
HSV	1°, 40%, 85%
XYZ	40.4115, 32.4161, 24.9141
YIQ	156.1870, 51.3020, 17.3980

Conversions

Conversions Part 2

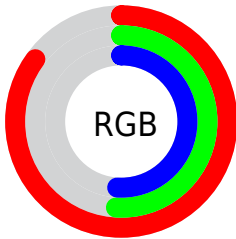
Format	Color
RYB	216, 131, 129
Decimal	14189441
CIELab	63.69, 32.50, 15.06
CIElCh	64, 35.823, 24.861
Yxy	32.4161, 0.4135, 0.3317
Android (android.graphics.Color)	4292379521 (0xFFD88381)
YUV	156.1870, -13.4032, 52.4560
Hunter-Lab	56.9351, 27.0594, 13.9100

Details

The YIQ color **156.1870, 51.3020, 17.3980** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **188.8130, -51.3020, -17.3980**, and the grayscale version is **156.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **205.5880, 42.6830, 13.9070**, and **103.3220, 46.4880, 16.5360** is the 20% darker color. If you saturate the color by 10%, you get **141.3520, 64.1390, 21.5390**, and if you desaturate by 10%, it is **171.0220, 38.4650, 13.2570**.

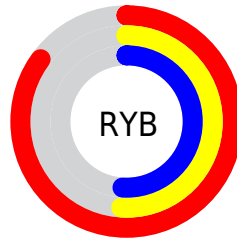
Distribution



Red (85%)

Green (51%)

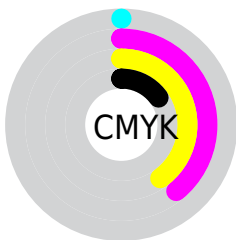
Blue (51%)



Red (85%)

Yellow (51%)

Blue (51%)

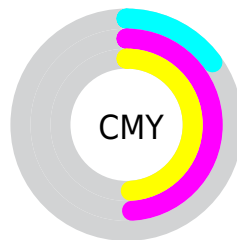


Cyan (0%)

Magenta (39%)

Yellow (40%)

Black (15%)



Cyan (15%)


Magenta (49%)


Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 156.1870, 51.3020, 17.3980 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 156.1870, 51.3020, 17.3980 by changing the saturation by 10% instead.


 156.1870, 51.3020,
17.3980


 156.1870, 51.3020,
17.3980


255.0000, -0.0000,
-0.0000


 129.4040, 49.1930,
17.0730


 205.5880, 42.6830,
13.9070


 103.3220, 46.4880,
16.5360


 225.1020, 26.3160,
7.6600

 77.9520, 44.6540,
16.7340

 245.4310, 9.0320,
1.5120

 53.0980, 41.3070,
16.8190

 26.7820, 39.3810,
18.6850

 15.2490, 30.3960,
10.8120

 3.8870, 7.7480,

2.7560

■ 0.0000, 0.0000,
0.0000

■ 156.1870, 51.3020,
17.3980

■ 156.1870, 51.3020,
17.3980

■ 141.3520, 64.1390,
21.5390

■ 171.0220, 38.4650,
13.2570

■ 126.6310, 76.6550,
25.9910

■ 185.7430, 25.9490,
8.8050

■ 111.7960, 89.4920,
30.1320

■ 200.5780, 13.1120,
4.6640

■ 96.4880, 102.2830,
35.1070

■ 215.2990, 0.5960,
0.2120

■ 81.6530, 115.1200,
39.2480

■ 230.7210,
-12.5160, -4.4520

■ 67.5190, 127.3610,
43.1770

■ 243.3390,
-23.2440, -8.2680

Harmonies

Analogous

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



158.0520, 38.9210, 27.0250



156.1870, 51.3020, 17.3980



154.3310, 50.2960, 2.5840

Triad

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



156.1870, 51.3020, 17.3980



144.4420, -17.0050, -27.7330



147.0740, -55.5700, 4.8940

Complementary

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



156.1870, 51.3020, 17.3980



188.8130, -51.3020, -17.3980

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.



131.9780, -91.1910, -15.8550



156.1870, 51.3020, 17.3980



137.1680, -54.2800, -29.5120

Square

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



156.1870, 51.3020, 17.3980



149.0020, 13.7130, -22.7590



122.9900, -100.6330, -31.9690



155.8940, -19.3520, 20.3280

Rectangle

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



156.1870, 51.3020, 17.3980



153.4020, 42.3660, -7.8900



122.9900, -100.6330, -31.9690



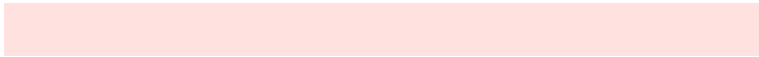
142.9260, -67.0770, -1.3250

Sweetspot

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



156.1870, 51.3020, 17.3980



233.8560, 18.2010, 6.0490



164.8170, 24.2460, 45.1900



115.3820, 10.7280, 3.8160



0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000

Same Dimension

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



156.1870, 51.3020, 17.3980



170.6520, 72.1620, 24.8180



181.4280, 39.4770, -5.0910



99.8760, 6.2810, 1.8090



53.4770, 100.8160, 34.1600



13.4440, 25.3530, 8.5930

Inverse Universe

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



188.8130, -51.3020, -17.3980



216.7610, -71.8870, -24.2950



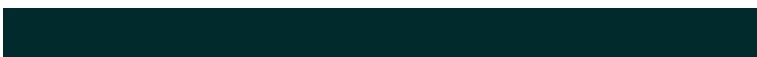
163.5720, -39.4770, 5.0910



103.7110, -6.5560, -2.3320



117.5230, -100.8160, -34.1600



29.5560, -25.3530, -8.5930

Previews

White Background



This preview shows how the YIQ color 156.1870, 51.3020, 17.3980 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 156.1870, 51.3020, 17.3980 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

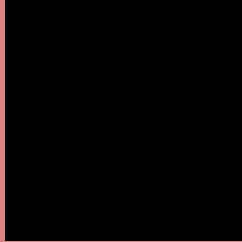
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 156.1870, 51.3020, 17.3980

Background



This preview shows how black text looks on a background with the YIQ color 156.1870, 51.3020, 17.3980.



This preview shows how white text looks on a background with the YIQ color 156.1870, 51.3020,

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

156.1870, 51.3020, 17.3980

Protanopia

154.6110, 8.3450, -2.5590

Deuteranopia

155.6470, 25.8590, -0.5810



Tritanopia

156.4520, 49.2380, 21.7660

Trichromacy



Original Color

156.1870, 51.3020, 17.3980

Protanomaly

155.4390, 23.7490, 4.6210

Deuteranomaly

155.5390, 35.2110, 6.1470

Tritanomaly

156.5830, 50.2470, 19.9990

Monochromacy



Original Color

156.1870, 51.3020, 17.3980

Achromatopsia

156.0000, -0.0000, -0.0000

Achromatomaly

156.1550, 18.7970, 6.2610

CSS Examples

Text

The CSS property to change the color of the text to YIQ 156.1870, 51.3020, 17.3980 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(216, 131, 129)` looks like.

```
.text, #text, p{  
    color:rgb(216, 131, 129)  
}
```

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(216, 131, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 131, 129) }
```

Border

The CSS property to change the border of an element to YIQ 156.1870, 51.3020, 17.3980 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(216, 131, 129) }
```


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

```
.border{ border-color:rgb(216, 131, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 131, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 131, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 131, 129);  
box-shadow:4px 4px 4px 4px rgb(216, 131,  
129) }
```

Background

The CSS property to change the background color of an element to YIQ 156.1870, 51.3020, 17.3980 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 131, 129) }
```

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

```
.background{ background-color: rgb(216,  
131, 129) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor