

Converting Colors

YIQ(180.1660, 37.4590, -1.5570)

Have a look what the booklet for
YIQ(180.1660, 37.4590, -1.5570)
contains.

YIQ(180.1660, 37.4590, -1.5570)	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(180.1660, 37.4590,
-1.5570)**

Conversions

Conversions Part 1

Format	Color
Hex	D7AB88
RGB	215, 171, 136
RGB Percent	84%, 67%, 53%
CMY	0.1568, 0.3295, 0.4665
CMYK	0.00, 0.20, 0.37, 0.16
HSL	27°, 50%, 69%
HSV	27°, 37%, 84%
XYZ	47.0371, 45.3479, 29.5832
YIQ	180.1660, 37.4590, -1.5570

Conversions

Conversions Part 2

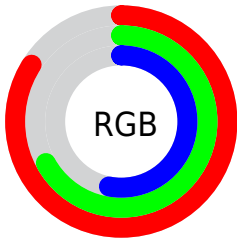
Format	Color
R _Y B	215, 199, 136
Decimal	14134152
CIE Lab	73.12, 11.35, 24.12
CIE LCh	73, 26.657, 64.796
Yxy	45.3479, 0.3857, 0.3718
Android (android.graphics.Color)	4292324232 (0xFFD7AB88)
YUV	180.1660, -21.7738, 30.5494
Hunter-Lab	67.3409, 6.8343, 21.0922

Details

The YIQ color **180.1660, 37.4590, -1.5570** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **170.8340, -37.4590, 1.5570**, and the grayscale version is **180.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **230.5670, 28.8400, -5.0480**, and **127.1980, 34.4330, -1.7830** is the 20% darker color. If you saturate the color by 10%, you get **170.7280, 47.5000, -1.8120**, and if you desaturate by 10%, it is **189.7180, 27.0970, -0.9910**.

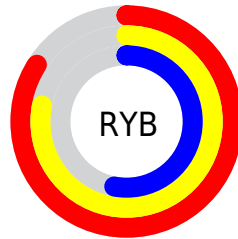
Distribution



Red (84%)

Green (67%)

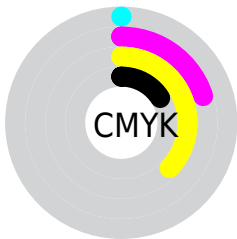
Blue (53%)



Red (84%)

Yellow (78%)

Blue (53%)

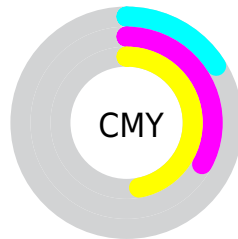


Cyan (0%)

Magenta (20%)

Yellow (37%)

Black (16%)



Cyan (16%)


Magenta (33%)


Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 180.1660, 37.4590, -1.5570 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 180.1660, 37.4590, -1.5570 by changing the saturation by 10% instead.


 180.1660, 37.4590,
-1.5570


 180.1660, 37.4590,
-1.5570


255.0000, -0.0000,
-0.0000

 153.0950, 36.2210,
-1.1470


 230.5670, 28.8400,
-5.0480


 127.1980, 34.4330,
-1.7830


 250.6680, 12.1980,
-11.8180

 101.7140, 32.9200,
-1.8960

 253.9740, 2.8890,
-2.7990

 77.0450, 30.4900,
-1.9100

 53.9630, 27.7850,
-2.4470

 32.2940, 25.3550,
-2.4610

 10.7420, 18.5220,

5.7380

■ 0.0000, 0.0000,
0.0000

■ 180.1660, 37.4590,
-1.5570

■ 180.1660, 37.4590,
-1.5570

■ 170.7280, 47.5000,
-1.8120

■ 189.7180, 27.0970,
-0.9910

■ 161.1760, 57.8620,
-2.3780

■ 199.1560, 17.0560,
-0.7360

■ 151.7380, 67.9030,
-2.6330

■ 208.7080, 6.6940,
-0.1700

■ 142.1860, 78.2650,
-3.1990

■ 218.1460, -3.3470,
0.0850

■ 132.7480, 88.3060,
-3.4540

■ 227.6980,
-13.7090, 0.6510

■ 123.1960, 98.6680,
-4.0200

■ 235.9960,
-20.5400, -2.2040

■ 120.0500,
102.0150, -4.1050

■ 243.0400,
-23.8400, -8.4800

Harmonies

Analogous

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



181.8820, 41.6750, 10.1470



180.1660, 37.4590, -1.5570



177.7140, 23.7520, -11.9600

Triad

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



180.1660, 37.4590, -1.5570



168.5380, -43.2780, -19.6460



182.2560, -5.8720, 18.3200

Complementary

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



180.1660, 37.4590, -1.5570



170.8340, -37.4590, 1.5570

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.



177.9970, -30.3080, 9.6280



180.1660, 37.4590, -1.5570



168.1810, -55.1540, -13.6660

Square

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



180.1660, 37.4590, -1.5570



171.6900, -20.3990, -21.2870



172.5550, -49.9750, -2.8950



183.7550, 17.6480, 21.5840

Rectangle

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



180.1660, 37.4590, -1.5570



176.0220, 10.9610, -16.9350



172.5550, -49.9750, -2.8950



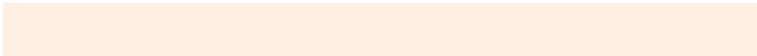
181.4830, -13.9410, 15.8750

Sweetspot

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



180.1660, 37.4590, -1.5570



242.4160, 13.3880, -0.3400



164.7510, 32.6390, 30.7430



120.1920, 8.2070, -0.0570



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.



180.1660, 37.4590, -1.5570



205.2510, 53.2770, -1.8830



203.0590, 26.7340, -21.9540



102.2240, 5.1810, -0.2830



95.7410, 81.0160, -3.4960



24.0100, 20.4030, -0.8210

Inverse Universe

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



170.8340, -37.4590, 1.5570



192.1620, -53.0020, 2.4060



147.9410, -26.7340, 21.9540



100.7760, -5.1810, 0.2830



75.2590, -81.0160, 3.4960



18.9900, -20.4030, 0.8210

Previews

White Background



This preview shows how the YIQ color 180.1660, 37.4590, -1.5570 looks on a white background.

Color Contrast Check

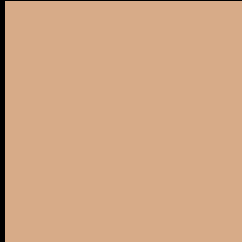
Large Text (above 18pt) WCAG AA × Fail

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 180.1660, 37.4590, -1.5570 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

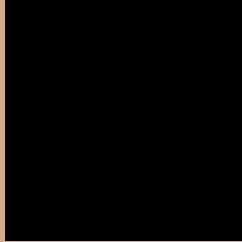
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 180.1660, 37.4590, -1.5570

Background



This preview shows how black text looks on a background with the YIQ color 180.1660, 37.4590, -1.5570.



This preview shows how white text looks on a background with the YIQ color 180.1660, 37.4590, -1.5570.

-1.5570.

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

180.1660, 37.4590, -1.5570

Protanopia

178.4410, 20.2670, -9.3730

Deuteranopia

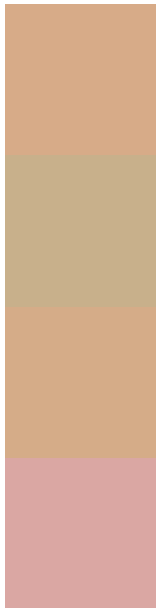
179.8560, 35.3960, -2.7160



Tritanopia

182.6280, 28.0110, 15.4910

Trichromacy



Original Color

180.1660, 37.4590, -1.5570

Protanomaly

178.9580, 26.1810, -6.4190

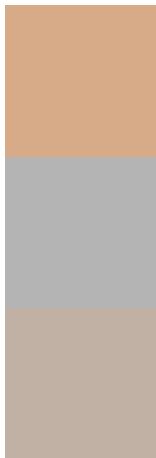
Deuteranomaly

180.1550, 35.9920, -2.5040

Tritanomaly

181.7930, 31.6800, 9.5680

Monochromacy



Original Color

180.1660, 37.4590, -1.5570

Achromatopsia

180.0000, -0.0000, -0.0000

Achromatomaly

180.3020, 13.7090, -0.6510

CSS Examples

Text

The CSS property to change the color of the text to YIQ 180.1660, 37.4590, -1.5570 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(215, 171, 136)` looks like.

```
.text, #text, p{  
    color:rgb(215, 171, 136)  
}
```

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(215, 171, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 171, 136) }
```

Border

The CSS property to change the border of an element to YIQ 180.1660, 37.4590, -1.5570 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(215, 171, 136) }
```


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

```
.border{ border-color:rgb(215, 171, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 171, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 171, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 171, 136);  
box-shadow:4px 4px 4px 4px rgb(215, 171,  
136) }
```

Background

The CSS property to change the background color of an element to YIQ 180.1660, 37.4590, -1.5570 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 171, 136) }
```

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

```
.background{ background-color: rgb(215,  
171, 136) }
```

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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