

Converting Colors

YIQ(178.4710, 37.9180, -4.3700)

Have a look what the booklet for
YIQ(178.4710, 37.9180, -4.3700)
contains.

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Color

**YIQ(178.4710, 37.9180,
-4.3700)**

Conversions

Conversions Part 1

Format	Color
Hex	D4AB81
RGB	212, 171, 129
RGB Percent	83%, 67%, 51%
CMY	0.1686, 0.3295, 0.4939
CMYK	0.00, 0.19, 0.39, 0.17
HSL	30°, 49%, 67%
HSV	30°, 39%, 83%
XYZ	45.6818, 44.7052, 27.0064
YIQ	178.4710, 37.9180, -4.3700

Conversions

Conversions Part 2

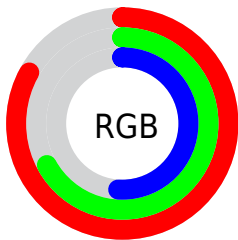
Format	Color
R_{YB}	210, 212, 129
Decimal	13937537
CIE Lab	72.70, 9.34, 27.27
CIE LCh	73, 28.821, 71.091
Yxy	44.7052, 0.3891, 0.3808
Android (android.graphics.Color)	4292127617 (0xFFD4AB81)
YUV	178.4710, -24.3892, 29.4049
Hunter-Lab	66.8620, 4.9473, 22.8554

Details

The YIQ color **178.4710, 37.9180, -4.3700** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **162.5290, -37.9180, 4.3700**, and the grayscale version is **179.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **229.6550, 31.4080, -7.5360**, and **125.5030, 34.8920, -4.5960** is the 20% darker color. If you saturate the color by 10%, you get **170.2070, 47.4090, -5.6710**, and if you desaturate by 10%, it is **186.7350, 28.4270, -3.0690**.

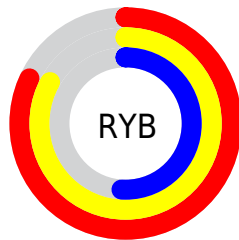
Distribution



Red (83%)

Green (67%)

Blue (51%)



Red (82%)

Yellow (83%)

Blue (51%)

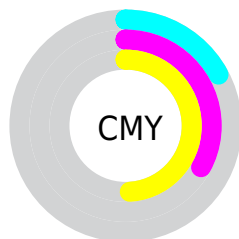


Cyan (0%)

Magenta (19%)

Yellow (39%)

Black (17%)



Cyan (17%)


Magenta (33%)


Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 178.4710, 37.9180, -4.3700 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 178.4710, 37.9180, -4.3700 by changing the saturation by 10% instead.


 178.4710, 37.9180,
-4.3700


 178.4710, 37.9180,
-4.3700


255.0000, -0.0000,
-0.0000


 151.4000, 36.6800,
-3.9600


 229.6550, 31.4080,
-7.5360


 125.5030, 34.8920,
-4.5960


 249.8700, 14.4450,
-13.9950

 100.1330, 33.0580,
-4.3980

 253.0620, 5.4570,
-5.2870

 75.9370, 30.6740,
-5.2460

 52.5670, 28.8400,
-5.0480

 31.3970, 23.5670,
-3.0970

 9.8450, 16.7340,

5.1020

■ 0.0000, 0.0000,
0.0000

■ 178.4710, 37.9180,
-4.3700

■ 178.4710, 37.9180,
-4.3700

■ 170.2070, 47.4090,
-5.6710

■ 186.7350, 28.4270,
-3.0690

■ 161.3560, 57.1750,
-6.4490

■ 195.5860, 18.6610,
-2.2910

■ 152.9780, 66.9870,
-8.0610

■ 203.9640, 8.8490,
-0.6790

■ 144.1270, 76.7530,
-8.8390

■ 212.8150, -0.9170,
0.0990

■ 135.8630, 86.2440,
-10.1400

■ 221.0790,
-10.4080, 1.4000

■ 127.0120, 96.0100,
-10.9180

■ 229.8160,
-19.8530, 1.8670

■ 126.1970, 96.9270,
-11.0170

■ 235.6860,
-22.6030, -3.3630

■ 242.1430,
-25.6280, -9.1160

Harmonies

Analogous

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



180.3830, 44.5180, 8.1820



178.4710, 37.9180, -4.3700



175.9370, 21.5060, -15.3100

Triad

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



178.4710, 37.9180, -4.3700



165.5200, -52.0350, -20.6350



181.7730, 0.0420, 21.2740

Complementary

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



178.4710, 37.9180, -4.3700



162.5290, -37.9180, 4.3700

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.



177.6600, -27.7410, 12.6670



178.4710, 37.9180, -4.3700



165.8860, -61.5730, -12.9730

Square

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



178.4710, 37.9180, -4.3700



169.2160, -27.8720, -23.5200



171.6520, -51.6260, -0.5060



182.6310, 23.9290, 23.3930

Rectangle

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



178.4710, 37.9180, -4.3700



173.9890, 6.5600, -19.7760



171.6520, -51.6260, -0.5060



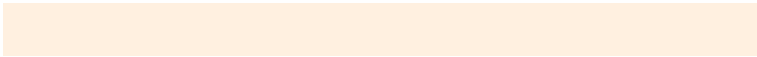
180.8150, -8.9440, 18.9280

Sweetspot

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



178.4710, 37.9180, -4.3700



242.6610, 14.0760, -1.7960



158.6050, 35.9860, 30.6580



120.6650, 8.2530, -0.8910



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.



178.4710, 37.9180, -4.3700



206.6870, 54.7450, -6.4630



202.5380, 26.6430, -25.8130



102.8110, 4.9060, -0.8060



101.6110, 78.2660, -8.7260



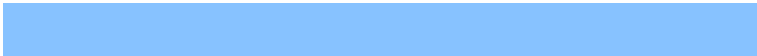
25.7710, 19.5780, -2.3900

Inverse Universe

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



162.5290, -37.9180, 4.3700



183.3130, -54.7450, 6.4630



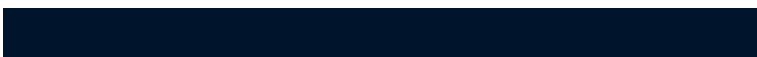
138.4620, -26.6430, 25.8130



100.7760, -5.1810, 0.2830



68.8020, -77.9910, 9.2490



17.2290, -19.5780, 2.3900

Previews

White Background



This preview shows how the YIQ color 178.4710, 37.9180, -4.3700 looks on a white background.

Color Contrast Check

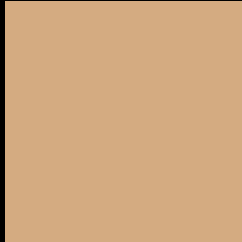
Large Text (above 18pt) WCAG AA × Fail

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 178.4710, 37.9180, -4.3700 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

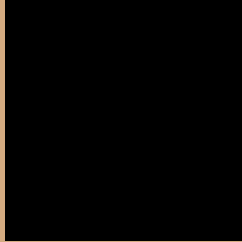
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 178.4710, 37.9180, -4.3700

Background



This preview shows how black text looks on a background with the YIQ color 178.4710, 37.9180, -4.3700.



This preview shows how white text looks on a background with the YIQ color 178.4710, 37.9180,

-4.3700.

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

178.4710, 37.9180, -4.3700

Protanopia

176.9420, 23.1100, -11.3380

Deuteranopia

178.4710, 37.9180, -4.3700



Tritanopia

181.9160, 27.1400, 14.7560

Trichromacy



Original Color

178.4710, 37.9180, -4.3700

Protanomaly

177.1600, 28.4280, -8.5960

Deuteranomaly

178.4710, 37.9180, -4.3700

Tritanomaly

180.5540, 30.8550, 7.9990

Monochromacy



Original Color

178.4710, 37.9180, -4.3700

Achromatopsia

178.0000, -0.0000, -0.0000

Achromatomaly

177.7750, 13.7550, -1.4850

CSS Examples

Text

The CSS property to change the color of the text to YIQ 178.4710, 37.9180, -4.3700 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(212, 171, 129)` looks like.

```
.text, #text, p{  
    color:rgb(212, 171, 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(212, 171, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 171, 129) }
```

Border

The CSS property to change the border of an element to YIQ 178.4710, 37.9180, -4.3700 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(212, 171, 129) }
```


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

```
.border{ border-color:rgb(212, 171, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 171, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 171, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 171, 129);  
box-shadow:4px 4px 4px 4px rgb(212, 171,  
129) }
```

Background

The CSS property to change the background color of an element to YIQ 178.4710, 37.9180, -4.3700 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 171, 129) }
```

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

```
.background{ background-color: rgb(212,  
171, 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](#).

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