

Converting Colors

YIQ(179.8740, 44.1530, -1.7270)

Have a look what the booklet for
YIQ(179.8740, 44.1530, -1.7270)
contains.

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Color

**YIQ(179.8740, 44.1530,
-1.7270)**

Conversions

Conversions Part 1

Format	Color
Hex	DDA980
RGB	221, 169, 128
RGB Percent	87%, 66%, 50%
CMY	0.1332, 0.3373, 0.4978
CMYK	0.00, 0.24, 0.42, 0.13
HSL	26°, 58%, 68%
HSV	26°, 42%, 87%
XYZ	47.9101, 45.3037, 26.6597
YIQ	179.8740, 44.1530, -1.7270

Conversions

Conversions Part 2

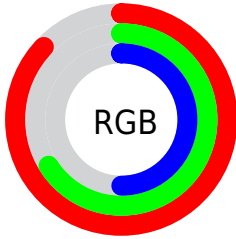
Format	Color
R _Y B	221, 201, 128
Decimal	14526848
CIE Lab	73.09, 13.91, 28.49
CIE LCh	73, 31.700, 63.975
Yxy	45.3037, 0.3997, 0.3779
Android (android.graphics.Color)	4292716928 (0xFFDDA980)
YUV	179.8740, -25.5739, 36.0675
Hunter-Lab	67.3081, 9.2677, 23.6318

Details

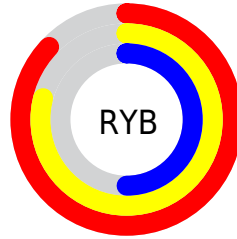
The YIQ color **179.8740, 44.1530, -1.7270** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **169.1260, -44.1530, 1.7270**, and the grayscale version is **180.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **228.3670, 32.2790, -6.8010**, and **126.6070, 40.5310, -2.1650** is the 20% darker color. If you saturate the color by 10%, you get **170.3220, 54.5150, -2.2930**, and if you desaturate by 10%, it is **189.4260, 33.7910, -1.1610**.

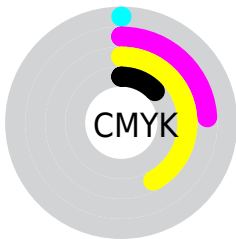
Distribution



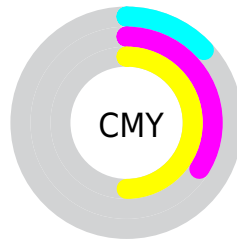
- Red (87%)
- Green (66%)
- Blue (50%)



- Red (87%)
- Yellow (79%)
- Blue (50%)



- Cyan (0%)
- Magenta (24%)
- Yellow (42%)
- Black (13%)





- Cyan (13%)
- Magenta (34%)
- Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 179.8740, 44.1530, -1.7270 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 179.8740, 44.1530, -1.7270 by changing the saturation by 10% instead.


 179.8740, 44.1530,
-1.7270


 179.8740, 44.1530,
-1.7270


255.0000, -0.0000,
-0.0000

 152.5040, 42.3190,
-1.5290


 228.3670, 32.2790,
-6.8010


 126.6070, 40.5310,
-2.1650


 248.5820, 15.3160,
-13.2600

 100.9380, 38.1010,
-2.1790

 252.9480, 5.7780,
-5.5980

 76.8560, 35.3960,
-2.7160

 52.9590, 33.6080,
-3.3520

 32.0170, 27.6930,
-0.7790

 10.1660, 20.2640,

7.2080

■ 0.0000, 0.0000,
0.0000

■ 179.8740, 44.1530,
-1.7270

■ 179.8740, 44.1530,
-1.7270

■ 170.3220, 54.5150,
-2.2930

■ 189.4260, 33.7910,
-1.1610

■ 160.1830, 65.1520,
-2.3360

■ 199.5650, 23.1540,
-1.1180

■ 150.6310, 75.5140,
-2.9020

■ 209.1170, 12.7920,
-0.5520

■ 140.4920, 86.1510,
-2.9450

■ 218.6690, 2.4300,
0.0140

■ 130.9400, 96.5130,
-3.5110

■ 228.9220, -8.5280,
0.3680

■ 123.0180,
105.0410, -3.8790

■ 237.7900,
-16.9640, -0.9320

■ 244.8340,
-20.2640, -7.2080

Harmonies

Analogous

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



181.9430, 48.8730, 11.8570



179.8740, 44.1530, -1.7270



177.4710, 28.7500, -14.4340

Triad

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



179.8740, 44.1530, -1.7270



164.8140, -53.0430, -24.3950



182.8800, -7.5690, 21.5430

Complementary

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



179.8740, 44.1530, -1.7270



169.1260, -44.1530, 1.7270

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.



177.2180, -38.2400, 10.2080



179.8740, 44.1530, -1.7270



163.3470, -70.4210, -17.8210

Square

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



179.8740, 44.1530, -1.7270



169.9020, -24.1120, -25.5840



168.9710, -62.9500, -4.5340



184.2440, 20.7650, 25.6690

Rectangle

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



179.8740, 44.1530, -1.7270



175.5830, 13.5750, -20.2570



168.9710, -62.9500, -4.5340



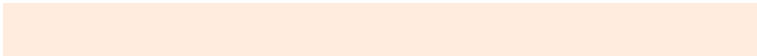
180.9110, -18.0220, 18.2500

Sweetspot

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



179.8740, 44.1530, -1.7270



240.0850, 15.8180, -0.3260



161.8490, 38.4150, 36.1990



118.5620, 10.0410, -0.2550



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.



179.8740, 44.1530, -1.7270



198.8450, 60.2920, -2.3640



206.8760, 31.5030, -25.7850



105.2240, 5.1810, -0.2830



96.3390, 82.2080, -3.0720



25.4940, 21.9160, -0.7080

Inverse Universe

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



169.1260, -44.1530, 1.7270



184.1550, -60.2920, 2.3640



142.1240, -31.5030, 25.7850



103.7760, -5.1810, 0.2830



76.6610, -82.2080, 3.0720



20.5060, -21.9160, 0.7080

Previews

White Background



This preview shows how the YIQ color 179.8740, 44.1530, -1.7270 looks on a white background.

Color Contrast Check

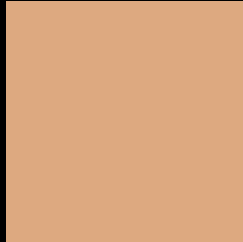
Large Text (above 18pt) WCAG AA × Fail

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 179.8740, 44.1530, -1.7270 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

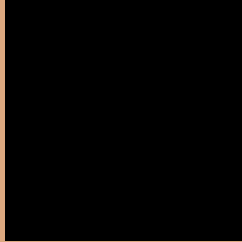
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 179.8740, 44.1530, -1.7270

Background



This preview shows how black text looks on a background with the YIQ color 179.8740, 44.1530, -1.7270.



This preview shows how white text looks on a background with the YIQ color 179.8740, 44.1530,

-1.7270.

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

179.8740, 44.1530, -1.7270

Protanopia

178.5290, 22.8350, -11.8610

Deuteranopia

179.4280, 39.4770, -5.0910



Tritanopia

183.2050, 33.6960, 17.0880

Trichromacy



Original Color

179.8740, 44.1530, -1.7270

Protanomaly

178.9430, 30.5370, -8.2710

Deuteranomaly

179.7380, 41.5400, -3.9320

Tritanomaly

181.8430, 37.4110, 10.3310

Monochromacy



Original Color

179.8740, 44.1530, -1.7270

Achromatopsia

180.0000, -0.0000, -0.0000

Achromatomaly

179.9710, 16.1390, -0.6370

CSS Examples

Text

The CSS property to change the color of the text to YIQ 179.8740, 44.1530, -1.7270 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(221, 169, 128)` looks like.

```
.text, #text, p{  
    color:rgb(221, 169, 128)  
}
```

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(221, 169, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 169, 128) }
```

Border

The CSS property to change the border of an element to YIQ 179.8740, 44.1530, -1.7270 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(221, 169, 128) }
```


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

```
.border{ border-color:rgb(221, 169, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 169, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 169, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 169, 128);  
box-shadow:4px 4px 4px 4px rgb(221, 169,  
128) }
```

Background

The CSS property to change the background color of an element to YIQ 179.8740, 44.1530, -1.7270 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 169, 128) }
```

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

```
.background{ background-color: rgb(221,  
169, 128) }
```

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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