

Converting Colors

YIQ(179.8280, 49.7940,
-10.3500)

Have a look what the booklet for
YIQ(179.8280, 49.7940, -10.3500)
contains.

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Color

**YIQ(179.8280, 49.7940,
-10.3500)**

Conversions

Conversions Part 1

Format	Color
Hex	DDAD6B
RGB	221, 173, 107
RGB Percent	87%, 68%, 42%
CMY	0.1333, 0.3216, 0.5801
CMYK	0.00, 0.22, 0.52, 0.13
HSL	35°, 63%, 64%
HSV	35°, 52%, 87%
XYZ	47.4213, 46.3173, 20.3682
YIQ	179.8280, 49.7940, -10.3500

Conversions

Conversions Part 2

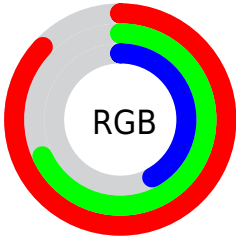
Format	Color
RYB	190, 221, 107
Decimal	14527851
CIELab	73.75, 9.71, 40.36
CIElCh	74, 41.511, 76.475
Yxy	46.3173, 0.4156, 0.4059
Android (android.graphics.Color)	4292717931 (0xFFDDAD6B)
YUV	179.8280, -35.9042, 36.1078
Hunter-Lab	68.0568, 5.2777, 29.8953

Details

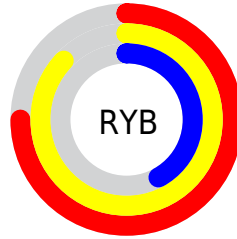
The YIQ color **179.8280, 49.7940, -10.3500** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **148.1720, -49.7940, 10.3500**, and the grayscale version is **180.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **228.3210, 37.9200, -15.4240**, and **126.2620, 45.5760, -11.0000** is the 20% darker color. If you saturate the color by 10%, you get **172.0370, 59.3310, -12.4850**, and if you desaturate by 10%, it is **187.6190, 40.2570, -8.2150**.

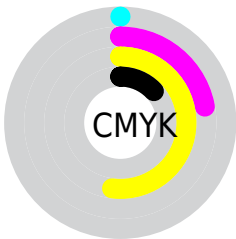
Distribution



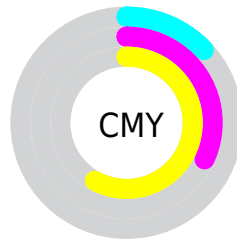
- Red (87%)
- Green (68%)
- Blue (42%)



- Red (75%)
- Yellow (87%)
- Blue (42%)



- Cyan (0%)
- Magenta (22%)
- Yellow (52%)
- Black (13%)





- Cyan (13%)
- Magenta (32%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 179.8280, 49.7940, -10.3500 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 179.8280, 49.7940, -10.3500 by changing the saturation by 10% instead.

 179.8280, 49.7940,
-10.3500


 179.8280, 49.7940,
-10.3500


255.0000, -0.0000,
-0.0000


 152.4580, 47.9600,
-10.1520


 228.3210, 37.9200,
-15.4240


 126.3760, 45.2550,
-10.6890


 247.2480, 21.8280,
-21.1480


 100.4790, 43.4670,
-11.3250

 250.4400, 12.8400,
-12.4400

 75.3540, 42.3210,
-12.5830

 253.7460, 3.5310,
-3.4210

 53.8680, 35.1220,
-8.7660

 33.4680, 24.8050,
-3.5070

 12.5030, 17.6970,

4.1690

■ 0.0000, 0.0000,
0.0000

■ 179.8280, 49.7940,
-10.3500

■ 179.8280, 49.7940,
-10.3500

■ 172.0370, 59.3310,
-12.4850

■ 187.6190, 40.2570,
-8.2150

■ 163.6590, 69.1430,
-14.0970

■ 195.9970, 30.4450,
-6.6030

■ 155.8680, 78.6800,
-16.2320

■ 203.7880, 20.9080,
-4.4680

■ 148.0770, 88.2170,
-18.3670

■ 211.5790, 11.3710,
-2.3330

■ 141.2150, 96.5160,
-20.0920

■ 220.0710, 1.2380,
-0.4100

■ 227.8620, -8.2990,
1.7250

■ 234.8550,
-15.5890, 1.6830

■ 240.7250,
-18.3390, -3.5470

■ 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.



182.0660, 61.5280, 8.2800



179.8280, 49.7940, -10.3500



176.6950, 24.7630, -24.7810

Triad

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



179.8280, 49.7940, -10.3500



145.5000, -111.1770, -39.1210



186.3320, 6.1380, 31.9460

Complementary

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



179.8280, 49.7940, -10.3500



148.1720, -49.7940, 10.3500

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.



181.2820, -35.1240, 19.8200



179.8280, 49.7940, -10.3500



143.0160, -129.8850, -30.4690

Square

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



179.8280, 49.7940, -10.3500



163.3760, -52.1700, -34.7140



168.1080, -79.2730, -0.5610



185.5670, 39.1490, 33.9090

Rectangle

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



179.8280, 49.7940, -10.3500



173.0990, 2.8940, -30.4340



168.1080, -79.2730, -0.5610



184.9220, -7.3870, 29.2610

Sweetspot

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



179.8280, 49.7940, -10.3500



241.2760, 16.5980, -3.4500



146.6720, 52.2150, 39.4070



119.5080, 10.1330, -1.9230



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.



179.8280, 49.7940, -10.3500



197.6590, 69.1430, -14.0970



205.6120, 31.8260, -37.1500



105.8110, 4.9060, -0.8060



110.4270, 75.6080, -15.6240



29.6030, 19.9910, -4.3690

Inverse Universe

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



148.1720, -49.7940, 10.3500



154.3410, -69.1430, 14.0970



122.3880, -31.8260, 37.1500



102.6020, -4.6310, 1.3290



62.5730, -75.6080, 15.6240



16.3970, -19.9910, 4.3690

Previews

White Background



This preview shows how the YIQ color 179.8280, 49.7940, -10.3500 looks on a white background.

Color Contrast Check

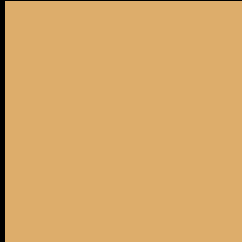
Large Text (above 18pt) WCAG AA × Fail

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 179.8280, 49.7940, -10.3500 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 179.8280, 49.7940, -10.3500

Background



This preview shows how black text looks on a background with the YIQ color 179.8280, 49.7940, -10.3500.



This preview shows how white text looks on a background with the YIQ color 179.8280, 49.7940, -10.3500.

-10.3500.

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

179.8280, 49.7940, -10.3500

Protanopia

178.5760, 32.6480, -19.0000

Deuteranopia

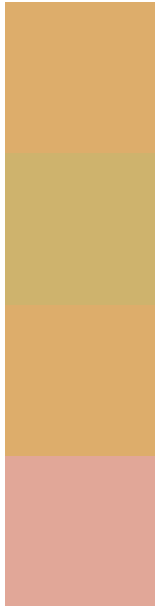
179.8280, 49.7940, -10.3500



Tritanopia

184.3190, 33.3750, 17.3990

Trichromacy



Original Color

179.8280, 49.7940, -10.3500

Protanomaly

179.0930, 38.5620, -16.0460

Deuteranomaly

179.8280, 49.7940, -10.3500

Tritanomaly

182.6320, 39.3830, 7.6310

Monochromacy



Original Color

179.8280, 49.7940, -10.3500

Achromatopsia

180.0000, -0.0000, -0.0000

Achromatomaly

179.6460, 18.4320, -3.6480

CSS Examples

Text

The CSS property to change the color of the text to YIQ 179.8280, 49.7940, -10.3500 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, 173, 107)` looks like.

```
.text, #text, p{  
    color:rgb(221, 173, 107)  
}
```

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, 173, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 173, 107) }
```

Border

The CSS property to change the border of an element to YIQ 179.8280, 49.7940, -10.3500 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, 173, 107) }
```


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

```
.border{ border-color:rgb(221, 173, 107) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 173, 107)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 173, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 173, 107);  
box-shadow:4px 4px 4px 4px rgb(221, 173,  
107) }
```

Background

The CSS property to change the background color of an element to YIQ 179.8280, 49.7940, -10.3500 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 173, 107) }
```

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

```
.background{ background-color: rgb(221,  
173, 107) }
```

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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