

Converting Colors

YIQ(175.4580, 47.9600,
-10.1520)

Have a look what the booklet for
YIQ(175.4580, 47.9600, -10.1520)
contains.

YIQ(175.4580, 47.9600, -10.1520)	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(175.4580, 47.9600,
-10.1520)**

Conversions

Conversions Part 1

Format	Color
Hex	D7A969
RGB	215, 169, 105
RGB Percent	84%, 66%, 41%
CMY	0.1568, 0.3373, 0.5880
CMYK	0.00, 0.21, 0.51, 0.16
HSL	35°, 58%, 63%
HSV	35°, 51%, 84%
XYZ	44.7668, 43.8396, 19.4835
YIQ	175.4580, 47.9600, -10.1520

Conversions

Conversions Part 2

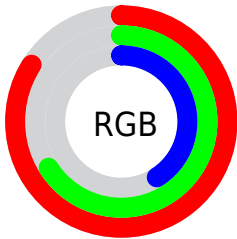
Format	Color
RYB	184, 215, 105
Decimal	14133609
CIELab	72.12, 9.19, 39.23
CIELCh	72, 40.293, 76.815
Yxy	43.8396, 0.4142, 0.4056
Android (android.graphics.Color)	4292323689 (0xFFD7A969)
YUV	175.4580, -34.7358, 34.6783
Hunter-Lab	66.2115, 4.8171, 28.9013

Details

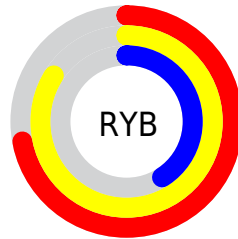
The YIQ color **175.4580, 47.9600, -10.1520** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **144.5420, -47.9600, 10.1520**, and the grayscale version is **176.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **225.6310, 39.9830, -14.2650**, and **122.3050, 44.0170, -10.2790** is the 20% darker color. If you saturate the color by 10%, you get **167.7810, 57.1760, -11.9760**, and if you desaturate by 10%, it is **183.2490, 38.4230, -8.0170**.

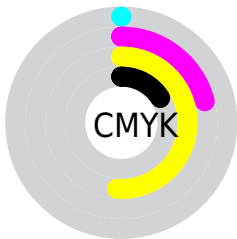
Distribution



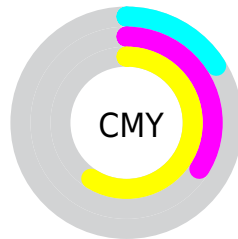
- Red (84%)
- Green (66%)
- Blue (41%)



- Red (72%)
- Yellow (84%)
- Blue (41%)



- Cyan (0%)
- Magenta (21%)
- Yellow (51%)
- Black (16%)





- Cyan (16%)
- Magenta (34%)
- Yellow (59%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 175.4580, 47.9600, -10.1520 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 175.4580, 47.9600, -10.1520 by changing the saturation by 10% instead.


 175.4580, 47.9600,
-10.1520


 175.4580, 47.9600,
-10.1520


255.0000, -0.0000,
-0.0000


 148.6750, 45.8510,
-10.4770


 225.6310, 39.9830,
-14.2650

 122.3050, 44.0170,
-10.2790


 245.8460, 23.0200,
-20.7240


 96.5220, 41.9080,
-10.6040

 250.2120, 13.4820,
-13.0620

 71.9840, 40.4870,
-12.3850

 253.4040, 4.4940,
-4.3540

 50.6120, 32.9670,
-8.2570

 30.5110, 23.2460,
-2.7860

 8.0730, 16.0920,

5.7240

■ 0.0000, 0.0000,
0.0000

■ 175.4580, 47.9600,
-10.1520

■ 175.4580, 47.9600,
-10.1520

■ 167.7810, 57.1760,
-11.9760

■ 183.2490, 38.4230,
-8.0170

■ 159.9900, 66.7130,
-14.1110

■ 190.9260, 29.2070,
-6.1930

■ 152.3130, 75.9290,
-15.9350

■ 198.7170, 19.6700,
-4.0580

■ 144.5220, 85.4660,
-18.0700

■ 206.3940, 10.4540,
-2.2340

■ 137.6600, 93.7650,
-19.7950

■ 214.1850, 0.9170,
-0.0990

■ 221.8620, -8.2990,
1.7250

■ 229.5390,
-17.5150, 3.5490

■ 234.8220,
-19.9900, -1.1580

■ 240.1050,
-22.4650, -5.8650

Harmonies

Analogous

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



177.5820, 60.0150, 8.1670



175.4580, 47.9600, -10.1520



172.0370, 23.8000, -23.8480

Triad

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



175.4580, 47.9600, -10.1520



144.3870, -103.4290, -36.3650



181.6910, 6.5050, 30.8010

Complementary

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



175.4580, 47.9600, -10.1520



144.5420, -47.9600, 10.1520

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.



176.6520, -33.2900, 19.6220



175.4580, 47.9600, -10.1520



139.3970, -126.5840, -29.7200

Square

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



175.4580, 47.9600, -10.1520



159.5010, -51.0240, -33.4560



164.3750, -75.6510, -0.1230



181.4420, 38.0030, 32.6510

Rectangle

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



175.4580, 47.9600, -10.1520



169.3270, 2.2520, -29.8120



164.3750, -75.6510, -0.1230



180.5800, -6.4240, 28.3280

Sweetspot

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



175.4580, 47.9600, -10.1520



241.2760, 16.5980, -3.4500



143.3620, 50.1520, 38.2480



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.



175.4580, 47.9600, -10.1520



199.0610, 67.9510, -14.5210



200.3670, 31.1380, -35.6940



103.3980, 4.6310, -1.3290



109.2420, 74.6910, -15.5250



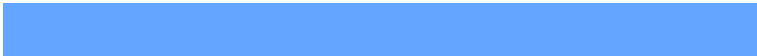
27.5320, 18.7530, -3.9590

Inverse Universe

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



144.5420, -47.9600, 10.1520



155.5260, -68.2260, 13.9980



119.6330, -31.1380, 35.6940



100.1890, -4.9060, 0.8060



61.7580, -74.6910, 15.5250



15.4680, -18.7530, 3.9590

Previews

White Background



This preview shows how the YIQ color 175.4580, 47.9600, -10.1520 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 175.4580, 47.9600, -10.1520 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 175.4580, 47.9600, -10.1520

Background



This preview shows how black text looks on a background with the YIQ color 175.4580, 47.9600, -10.1520.



This preview shows how white text looks on a background with the YIQ color 175.4580, 47.9600, -10.1520.

-10.1520.

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

175.4580, 47.9600, -10.1520

Protanopia

173.9180, 31.6850, -18.0670

Deuteranopia

175.4580, 47.9600, -10.1520



Tritanopia

180.3080, 31.9080, 16.4520

Trichromacy



Original Color

175.4580, 47.9600, -10.1520

Protanomaly

174.4350, 37.5990, -15.1130

Deuteranomaly

175.4580, 47.9600, -10.1520

Tritanomaly

178.6210, 37.9160, 6.6840

Monochromacy



Original Color

175.4580, 47.9600, -10.1520

Achromatopsia

175.0000, -0.0000, -0.0000

Achromatomaly

175.4610, 17.5150, -3.5490

CSS Examples

Text

The CSS property to change the color of the text to YIQ 175.4580, 47.9600, -10.1520 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, 169, 105)` looks like.

```
.text, #text, p{  
    color:rgb(215, 169, 105)  
}
```

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, 169, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 169, 105) }
```

Border

The CSS property to change the border of an element to YIQ 175.4580, 47.9600, -10.1520 is called "border". The border property can be set on classes, ids or directly on the HTML element.

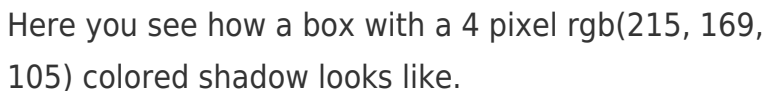
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(215, 169, 105) }
```


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

```
.border{ border-color:rgb(215, 169, 105) }
```

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



Here you see how a box with a 4 pixel `rgb(215, 169, 105)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(215, 169, 105); -webkit-box-shadow:4px 4px 4px 4px rgb(215, 169, 105); box-shadow:4px 4px 4px 4px rgb(215, 169, 105) }
```

Background

The CSS property to change the background color of an element to YIQ 175.4580, 47.9600, -10.1520 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 169, 105) }
```

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

```
.background{ background-color: rgb(215,  
169, 105) }
```

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