

Converting Colors

YIQ(189.9870, 27.2370,
-14.5470)

Have a look what the booklet for
YIQ(189.9870, 27.2370, -14.5470)
contains.

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Color

**YIQ(189.9870, 27.2370,
-14.5470)**

Conversions

Conversions Part 1

Format	Color
Hex	CFC087
RGB	207, 192, 135
RGB Percent	81%, 75%, 53%
CMY	0.1882, 0.2471, 0.4704
CMYK	0.00, 0.07, 0.35, 0.19
HSL	47°, 43%, 67%
HSV	47°, 35%, 81%
XYZ	48.9563, 52.7122, 30.5302
YIQ	189.9870, 27.2370, -14.5470

Conversions

Conversions Part 2

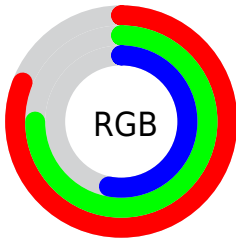
Format	Color
RYB	154, 207, 135
Decimal	13615239
CIELab	77.70, -3.10, 30.66
CIELCh	78, 30.812, 95.776
Yxy	52.7122, 0.3703, 0.3987
Android (android.graphics.Color)	4291805319 (0xFFCFC087)
YUV	189.9870, -27.1086, 14.9204
Hunter-Lab	72.6032, -6.6931, 25.8903

Details

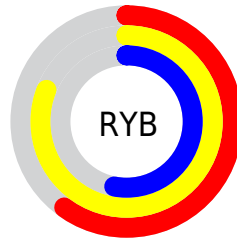
The YIQ color $189.9870, 27.2370, -14.5470$ is a light color, and the websafe version is hex `CCCC99`. A complement of this color would be $152.0130, -27.2370, 14.5470$, and the grayscale version is $190.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $243.3670, 23.1110, -16.8650$, and $136.6170, 25.4030, -14.3490$ is the 20% darker color. If you saturate the color by 10%, you get $185.2450, 35.0780, -18.9860$, and if you desaturate by 10%, it is $194.7290, 19.3960, -10.1080$.

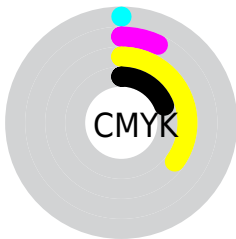
Distribution



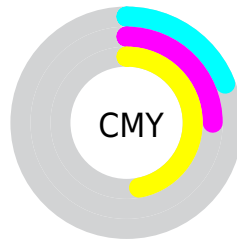
- Red (81%)
- Green (75%)
- Blue (53%)



- Red (60%)
- Yellow (81%)
- Blue (53%)



- Cyan (0%)
- Magenta (7%)
- Yellow (35%)
- Black (19%)



- Cyan (19%)
- Magenta (25%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 189.9870, 27.2370, -14.5470 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 189.9870, 27.2370, -14.5470 by changing the saturation by 10% instead.

■ 189.9870, 27.2370,
-14.5470

■ 189.9870, 27.2370,
-14.5470

255.0000, -0.0000,
-0.0000

■ 162.8020, 26.3200,
-14.4480

■ 243.3670, 23.1110,
-16.8650

■ 136.7310, 25.0820,
-14.0380

■ 250.6680, 12.1980,
-11.8180

■ 110.6600, 23.8440,
-13.6280

■ 253.8600, 3.2100,
-3.1100

■ 86.1760, 22.3310,
-13.7410

■ 62.5780, 21.1390,
-14.1650

■ 41.0770, 18.2960,
-12.2000

■ 22.1610, 9.4920,

-6.8280

■ 0.0000, 0.0000,
0.0000

■ 189.9870, 27.2370,
-14.5470

■ 189.9870, 27.2370,
-14.5470

■ 185.2450, 35.0780,
-18.9860

■ 194.7290, 19.3960,
-10.1080

■ 180.0300, 42.8730,
-22.5910

■ 199.9440, 11.6010,
-6.5030

■ 175.2880, 50.7140,
-27.0300

■ 204.6860, 3.7600,
-2.0640

■ 170.5460, 58.5550,
-31.4690

■ 209.4280, -4.0810,
2.3750

■ 165.3310, 66.3500,
-35.0740

■ 214.7570,
-12.1970, 6.2910

■ 160.5890, 74.1910,
-39.5130

■ 218.9290,
-18.4330, 9.1750

■ 158.1610, 78.2720,
-41.8880

■ 221.2770,
-19.5330, 7.0830

■ 224.2120,
-20.9080, 4.4680

■ 226.5600,
-22.0080, 2.3760

Harmonies

Analogous

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



192.2760, 42.9610, -2.1510



189.9870, 27.2370, -14.5470



186.5540, 3.3510, -22.1930

Triad

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



189.9870, 27.2370, -14.5470



178.1410, -66.8450, -16.5490



196.4290, 21.6820, 25.5700

Complementary

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



189.9870, 27.2370, -14.5470



152.0130, -27.2370, 14.5470

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.



195.2500, -5.7350, 21.3450



189.9870, 27.2370, -14.5470



182.7650, -59.3740, -3.2620

Square

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



189.9870, 27.2370, -14.5470



178.6400, -52.4930, -23.3490



190.5990, -34.9390, 10.9570



195.8470, 40.7560, 21.3000

Rectangle

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



189.9870, 27.2370, -14.5470



183.9200, -15.3550, -24.5950



190.5990, -34.9390, 10.9570



196.8240, 13.2000, 25.1040

Sweetspot

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



189.9870, 27.2370, -14.5470



249.2150, 9.4000, -5.1600



158.3520, 37.7760, 20.2400



123.8280, 6.2360, -2.8840



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.



189.9870, 27.2370, -14.5470



229.8880, 40.3970, -21.7710



192.8120, 11.1920, -26.6320



101.9850, 4.3560, -1.8520



128.3030, 63.5530, -33.9430



31.0430, 15.6360, -8.0440

Inverse Universe

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



152.0130, -27.2370, 14.5470



173.1120, -40.3970, 21.7710



149.1880, -11.1920, 26.6320



96.4280, -4.0810, 2.3750



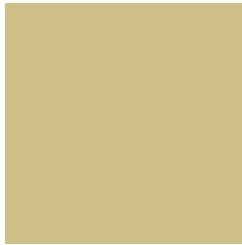
39.6970, -63.5530, 33.9430



9.9570, -15.6360, 8.0440

Previews

White Background



This preview shows how the YIQ color 189.9870, 27.2370, -14.5470 looks on a white background.

Color Contrast Check

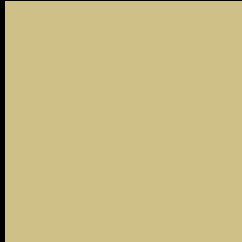
Large Text (above 18pt) WCAG AA × Fail

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 189.9870, 27.2370, -14.5470 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 189.9870, 27.2370, -14.5470

Background



This preview shows how black text looks on a background with the YIQ color 189.9870, 27.2370, -14.5470.



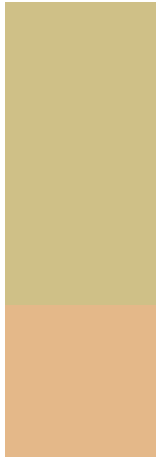
This preview shows how white text looks on a background with the YIQ color 189.9870, 27.2370,

-14.5470.

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

189.9870, 27.2370, -14.5470

Protanopia

189.9870, 27.2370, -14.5470

Deuteranopia

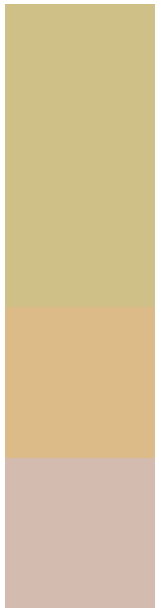
191.7980, 41.3110, -5.2890



Tritanopia

194.5660, 13.3860, 10.7140

Trichromacy



Original Color

189.9870, 27.2370, -14.5470

Protanomaly

189.9870, 27.2370, -14.5470

Deuteranomaly

191.0530, 36.0390, -8.8650

Tritanomaly

192.8080, 18.1560, 1.3560

Monochromacy



Original Color

189.9870, 27.2370, -14.5470

Achromatopsia

190.0000, -0.0000, -0.0000

Achromatomaly

190.1010, 9.7210, -5.4710

CSS Examples

Text

The CSS property to change the color of the text to YIQ 189.9870, 27.2370, -14.5470 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(207, 192, 135)` looks like.

```
.text, #text, p{  
    color:rgb(207, 192, 135)  
}
```

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(207, 192, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 192, 135) }
```

Border

The CSS property to change the border of an element to YIQ 189.9870, 27.2370, -14.5470 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(207, 192, 135) }
```


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

```
.border{ border-color:rgb(207, 192, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 192, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 192, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 192, 135);  
box-shadow:4px 4px 4px 4px rgb(207, 192,  
135) }
```

Background

The CSS property to change the background color of an element to YIQ 189.9870, 27.2370, -14.5470 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 192, 135) }
```

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

```
.background{ background-color: rgb(207,  
192, 135) }
```

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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