

Converting Colors

YIQ(179.2000, 49.2870, 4.3510)

Have a look what the booklet for
YIQ(179.2000, 49.2870, 4.3510)
contains.

YIQ(179.2000, 49.2870, 4.3510)	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(179.2000, 49.2870,
4.3510)**

Conversions

Conversions Part 1

Format	Color
Hex	E5A384
RGB	229, 163, 132
RGB Percent	90%, 64%, 52%
CMY	0.1018, 0.3609, 0.4821
CMYK	0.00, 0.29, 0.42, 0.10
HSL	19°, 65%, 71%
HSV	19°, 42%, 90%
XYZ	49.5853, 44.5158, 27.8289
YIQ	179.2000, 49.2870, 4.3510

Conversions

Conversions Part 2

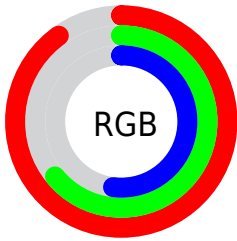
Format	Color
R _Y B	229, 178, 132
Decimal	15049604
CIE Lab	72.57, 20.73, 25.79
CIE LCh	73, 33.088, 51.200
Yxy	44.5158, 0.4067, 0.3651
Android (android.graphics.Color)	4293239684 (0xFFE5A384)
YUV	179.2000, -23.2696, 43.6746
Hunter-Lab	66.7201, 15.8979, 21.9743

Details

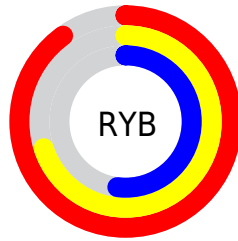
The YIQ color **179.2000, 49.2870, 4.3510** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **181.8000, -49.2870, -4.3510**, and the grayscale version is **179.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **225.3010, 32.6450, -2.4190**, and **125.6340, 45.0690, 3.7010** is the 20% darker color. If you saturate the color by 10%, you get **167.1860, 61.0700, 5.5660**, and if you desaturate by 10%, it is **191.2140, 37.5040, 3.1360**.

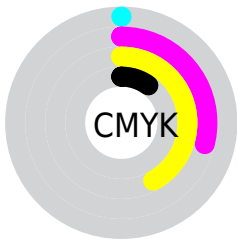
Distribution



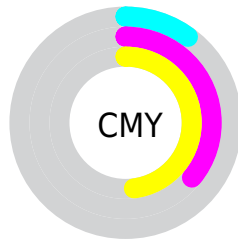
- Red (90%)
- Green (64%)
- Blue (52%)



- Red (90%)
- Yellow (70%)
- Blue (52%)



- Cyan (0%)
- Magenta (29%)
- Yellow (42%)
- Black (10%)



- Cyan (10%)
- Magenta (36%)
- Yellow (48%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 179.2000, 49.2870, 4.3510 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 179.2000, 49.2870, 4.3510 by changing the saturation by 10% instead.

 179.2000, 49.2870,
4.3510


 179.2000, 49.2870,
4.3510


255.0000, -0.0000,
-0.0000


 152.4170, 47.1780,
4.0260


 225.3010, 32.6450,
-2.4190


 125.6340, 45.0690,
3.7010


 245.5160, 15.6820,
-8.8780

 99.9650, 42.6390,
3.6870

 253.5180, 4.1730,
-4.0430

 75.8830, 39.9340,
3.1500

 51.8010, 37.2290,
2.6130

 29.4030, 32.5980,
3.9420

 11.9600, 23.8400,

8.4800

■ 0.0000, 0.0000,
0.0000

■ 179.2000, 49.2870,
4.3510

■ 179.2000, 49.2870,
4.3510

■ 167.1860, 61.0700,
5.5660

■ 191.2140, 37.5040,
3.1360

■ 155.7590, 72.5780,
6.2580

■ 202.6410, 25.9960,
2.4440

■ 143.7450, 84.3610,
7.4730

■ 214.6550, 14.2130,
1.2290

■ 132.3180, 95.8690,
8.1650

■ 226.0820, 2.7050,
0.5370

■ 120.4180,
107.3310, 9.6910

■ 238.0960, -9.0780,
-0.6780

■ 111.3220,
116.4090, 10.3690

■ 247.2260,
-15.4960, -5.5120

Harmonies

Analogous

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



180.7460, 48.2300, 18.0060



179.2000, 49.2870, 4.3510



176.8960, 37.9190, -9.8970

Triad

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



179.2000, 49.2870, 4.3510



164.7240, -44.1020, -26.7420



179.0570, -21.3690, 18.3350

Complementary

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



179.2000, 49.2870, 4.3510



181.8000, -49.2870, -4.3510

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.



172.1020, -52.7730, 3.7630



179.2000, 49.2870, 4.3510



160.1850, -70.1450, -22.8250

Square

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



179.2000, 49.2870, 4.3510



169.8340, -12.2370, -26.0370



162.7690, -74.3650, -12.4210



182.4970, 9.8070, 26.0230

Rectangle

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



179.2000, 49.2870, 4.3510



175.3240, 24.6700, -17.5860



162.7690, -74.3650, -12.4210



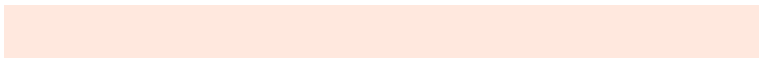
177.2620, -32.3720, 13.9960

Sweetspot

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



179.2000, 49.2870, 4.3510



237.7370, 16.9180, 1.7660



168.5270, 36.6260, 41.0900



117.3880, 10.5910, 0.7910



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.



179.2000, 49.2870, 4.3510



187.9370, 66.2050, 6.1170



207.3760, 36.0870, -20.7530



108.9360, 6.0520, 0.4520



86.9800, 91.0090, 8.1370



24.6410, 25.9960, 2.4440

Inverse Universe

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



181.8000, -49.2870, -4.3510



192.0630, -66.2050, -6.1170



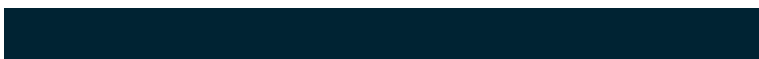
153.6240, -36.0870, 20.7530



109.0640, -6.0520, -0.4520



92.0200, -91.0090, -8.1370



26.3590, -25.9960, -2.4440

Previews

White Background



This preview shows how the YIQ color 179.2000, 49.2870, 4.3510 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 179.2000, 49.2870, 4.3510 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

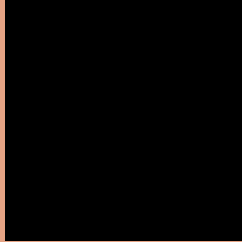
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 179.2000, 49.2870, 4.3510

Background



This preview shows how black text looks on a background with the YIQ color 179.2000, 49.2870, 4.3510.



This preview shows how white text looks on a background with the YIQ color 179.2000, 49.2870,

4.3510.

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

179.2000, 49.2870, 4.3510

Protanopia

177.1420, 19.6710, -9.5850

Deuteranopia

178.4000, 36.6800, -3.9600



Tritanopia

181.4940, 40.2520, 19.4200

Trichromacy



Original Color

179.2000, 49.2870, 4.3510

Protanomaly

178.0510, 30.3530, -4.9350

Deuteranomaly

178.7320, 41.6770, -0.9070

Tritanomaly

180.7730, 43.6000, 13.8080

Monochromacy



Original Color

179.2000, 49.2870, 4.3510

Achromatopsia

179.0000, -0.0000, -0.0000

Achromatomaly

178.9220, 17.8350, 1.6670

CSS Examples

Text

The CSS property to change the color of the text to YIQ 179.2000, 49.2870, 4.3510 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(229, 163, 132)` looks like.

```
.text, #text, p{  
    color:rgb(229, 163, 132)  
}
```

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(229, 163, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 163, 132) }
```

Border

The CSS property to change the border of an element to YIQ 179.2000, 49.2870, 4.3510 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(229, 163, 132) }
```


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

```
.border{ border-color:rgb(229, 163, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 163, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 163, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 163, 132);  
box-shadow:4px 4px 4px 4px rgb(229, 163,  
132) }
```

Background

The CSS property to change the background color of an element to YIQ 179.2000, 49.2870, 4.3510 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 163, 132) }
```

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

```
.background{ background-color: rgb(229,  
163, 132) }
```

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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