

Converting Colors

YIQ(171.4490, 44.1520, 3.8000)

Have a look what the booklet for
YIQ(171.4490, 44.1520, 3.8000)
contains.

YIQ(171.4490, 44.1520, 3.8000)	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(171.4490, 44.1520,
3.8000)**

Conversions

Conversions Part 1

Format	Color
Hex	D89D81
RGB	216, 157, 129
RGB Percent	85%, 62%, 51%
CMY	0.1528, 0.3844, 0.4939
CMYK	0.00, 0.27, 0.40, 0.15
HSL	19°, 53%, 68%
HSV	19°, 40%, 85%
XYZ	44.3467, 40.2955, 26.2269
YIQ	171.4490, 44.1520, 3.8000

Conversions

Conversions Part 2

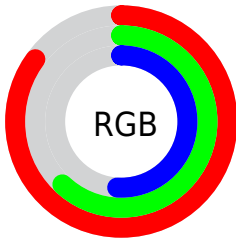
Format	Color
R _Y B	216, 170, 129
Decimal	14196097
CIE Lab	69.68, 18.49, 23.28
CIE LCh	70, 29.735, 51.539
Yxy	40.2955, 0.4000, 0.3635
Android (android.graphics.Color)	4292386177 (0xFFD89D81)
YUV	171.4490, -20.9274, 39.0712
Hunter-Lab	63.4788, 13.6135, 19.9389

Details

The YIQ color **171.4490, 44.1520, 3.8000** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **173.5510, -44.1520, -3.8000**, and the grayscale version is **172.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **221.4370, 35.2580, -0.2140**, and **118.2960, 40.2090, 3.6730** is the 20% darker color. If you saturate the color by 10%, you get **160.1360, 55.3390, 4.8030**, and if you desaturate by 10%, it is **182.7620, 32.9650, 2.7970**.

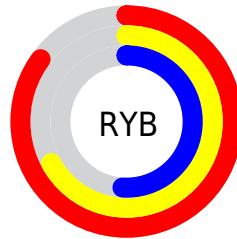
Distribution



Red (85%)

Green (62%)

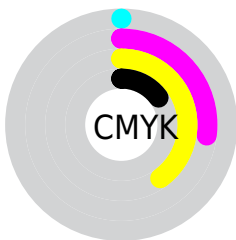
Blue (51%)



Red (85%)

Yellow (67%)

Blue (51%)

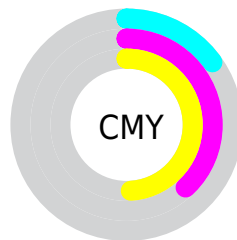


Cyan (0%)

Magenta (27%)

Yellow (40%)

Black (15%)



Cyan (15%)


Magenta (38%)


Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 171.4490, 44.1520, 3.8000 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 171.4490, 44.1520, 3.8000 by changing the saturation by 10% instead.


 171.4490, 44.1520,
3.8000


 171.4490, 44.1520,
3.8000


255.0000, -0.0000,
-0.0000


 144.6660, 42.0430,
3.4750


 221.4370, 35.2580,
-0.2140


 118.2960, 40.2090,
3.6730


 241.0650, 18.5700,
-6.1500

 93.3990, 38.4210,
3.0370

 253.0620, 5.4570,
-5.2870

 69.3170, 35.7160,
2.5000

 45.6480, 33.2860,
2.4860

 24.3640, 28.3340,
4.1260

 9.3830, 18.1550,

6.8830

■ 0.0000, 0.0000,
0.0000

■ 171.4490, 44.1520,
3.8000

■ 171.4490, 44.1520,
3.8000

■ 160.1360, 55.3390,
4.8030

■ 182.7620, 32.9650,
2.7970

■ 149.5240, 65.9300,
5.5940

■ 193.3740, 22.3740,
2.0060

■ 138.2110, 77.1170,
6.5970

■ 204.6870, 11.1870,
1.0030

■ 127.0120, 87.9830,
7.9110

■ 215.8860, 0.3210,
-0.3110

■ 116.2860, 98.8950,
8.3910

■ 226.6120,
-10.5910, -0.7910

■ 105.0870,
109.7610, 9.7050

■ 237.4690,
-20.4940, -3.0380

■ 243.3390,
-23.2440, -8.2680

Harmonies

Analogous

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



172.9410, 43.1870, 15.7870



171.4490, 44.1520, 3.8000



169.3840, 33.6090, -8.8790

Triad

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



171.4490, 44.1520, 3.8000



158.9420, -38.7840, -24.0000



171.5580, -18.5260, 16.3700

Complementary

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



171.4490, 44.1520, 3.8000



173.5510, -44.1520, -3.8000

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.



165.2230, -45.8040, 4.1160



171.4490, 44.1520, 3.8000



155.8550, -60.2880, -19.7440

Square

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



171.4490, 44.1520, 3.8000



163.0130, -11.1830, -23.1110



158.2110, -63.8660, -9.9620



174.3180, 8.7530, 23.0970

Rectangle

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



171.4490, 44.1520, 3.8000



167.8230, 21.8270, -15.6210



158.2110, -63.8660, -9.9620



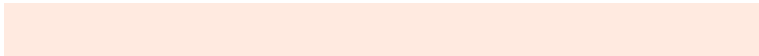
169.7740, -28.0620, 12.9780

Sweetspot

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



171.4490, 44.1520, 3.8000



239.1390, 15.7260, 1.3420



161.7390, 32.9130, 36.7930



118.3170, 9.3530, 1.2010



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.



171.4490, 44.1520, 3.8000



192.3710, 61.9870, 5.4670



196.6900, 32.3270, -18.6890



101.6370, 5.4560, 0.2400



83.4140, 86.7910, 7.4870



21.0750, 21.7780, 1.7940

Inverse Universe

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



173.5510, -44.1520, -3.8000



195.6290, -61.9870, -5.4670



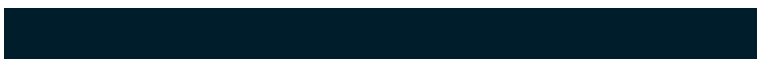
148.3100, -32.3270, 18.6890



101.9500, -5.7310, -0.7630



87.5860, -86.7910, -7.4870



21.9250, -21.7780, -1.7940

Previews

White Background



This preview shows how the YIQ color 171.4490, 44.1520, 3.8000 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 171.4490, 44.1520, 3.8000 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

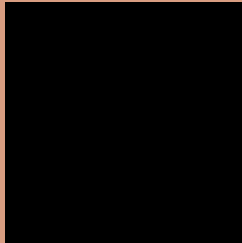
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 171.4490, 44.1520, 3.8000

Background



This preview shows how black text looks on a background with the YIQ color 171.4490, 44.1520, 3.8000.



This preview shows how white text looks on a background with the YIQ color 171.4490, 44.1520,

3.8000.

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

171.4490, 44.1520, 3.8000

Protanopia

169.2990, 17.7910, -8.5530

Deuteranopia

170.9590, 33.6080, -3.3520



Tritanopia

173.4010, 36.0800, 17.9360

Trichromacy



Original Color

171.4490, 44.1520, 3.8000

Protanomaly

170.0230, 27.5560, -3.8040

Deuteranomaly

170.6930, 37.4130, -0.7230

Tritanomaly

172.7940, 39.1070, 12.6350

Monochromacy



Original Color

171.4490, 44.1520, 3.8000

Achromatopsia

171.0000, -0.0000, -0.0000

Achromatomaly

171.1390, 15.7260, 1.3420

CSS Examples

Text

The CSS property to change the color of the text to YIQ 171.4490, 44.1520, 3.8000 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(216, 157, 129)` looks like.

```
.text, #text, p{  
    color:rgb(216, 157, 129)  
}
```

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(216, 157, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 157, 129) }
```

Border

The CSS property to change the border of an element to YIQ 171.4490, 44.1520, 3.8000 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(216, 157, 129) }
```


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

```
.border{ border-color:rgb(216, 157, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 157, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 157, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 157, 129);  
box-shadow:4px 4px 4px 4px rgb(216, 157,  
129) }
```

Background

The CSS property to change the background color of an element to YIQ 171.4490, 44.1520, 3.8000 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 157, 129) }
```

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

```
.background{ background-color: rgb(216,  
157, 129) }
```

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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