

Converting Colors

YIQ(171.3230, 44.7470, 9.5390)

Have a look what the booklet for
YIQ(171.3230, 44.7470, 9.5390)
contains.

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Color

**YIQ(171.3230, 44.7470,
9.5390)**

Conversions

Conversions Part 1

Format	Color
Hex	DC998A
RGB	220, 153, 138
RGB Percent	86%, 60%, 54%
CMY	0.1371, 0.4001, 0.4586
CMYK	0.00, 0.30, 0.37, 0.14
HSL	11°, 54%, 70%
HSV	11°, 37%, 86%
XYZ	45.5043, 39.8312, 29.3529
YIQ	171.3230, 44.7470, 9.5390

Conversions

Conversions Part 2

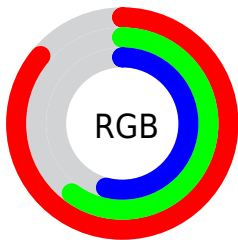
Format	Color
R_{YB}	220, 156, 138
Decimal	14457226
CIE Lab	69.35, 23.26, 17.95
CIE LCh	69, 29.387, 37.660
Yxy	39.8312, 0.3968, 0.3473
Android (android.graphics.Color)	4292647306 (0xFFDC998A)
YUV	171.3230, -16.4282, 42.6897
Hunter-Lab	63.1120, 18.2542, 16.6030

Details

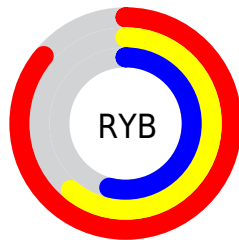
The YIQ color **171.3230, 44.7470, 9.5390** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **186.6770, -44.7470, -9.5390**, and the grayscale version is **171.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **220.1150, 33.4690, 4.6770**, and **118.0560, 41.1250, 9.1010** is the 20% darker color. If you saturate the color by 10%, you get **158.2490, 56.7590, 12.1110**, and if you desaturate by 10%, it is **184.3970, 32.7350, 6.9670**.

Distribution



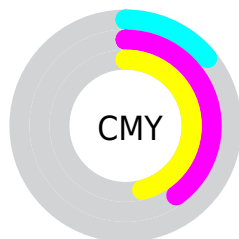
- Red (86%)
- Green (60%)
- Blue (54%)



- Red (86%)
- Yellow (61%)
- Blue (54%)



- Cyan (0%)
- Magenta (30%)
- Yellow (37%)
- Black (14%)





- Cyan (14%)
- Magenta (40%)
- Yellow (46%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 171.3230, 44.7470, 9.5390 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 171.3230, 44.7470, 9.5390 by changing the saturation by 10% instead.


 171.3230, 44.7470,
9.5390

 171.3230, 44.7470,
9.5390


255.0000, -0.0000,
-0.0000


 144.5400, 42.6380,
9.2140


 220.2290, 33.1480,
4.9880


 118.0560, 41.1250,
9.1010


 239.7430, 16.7810,
-1.2590

 92.9740, 38.4200,
8.5640

 254.2020, 2.2470,
-2.1770

 68.3050, 35.9900,
8.5500

 45.2230, 33.2850,
8.0130

 21.7390, 31.7720,
7.9000

 10.2800, 19.9430,

7.5190

■ 0.0000, 0.0000,
0.0000

■ 171.3230, 44.7470,
9.5390

■ 171.3230, 44.7470,
9.5390

■ 158.2490, 56.7590,
12.1110

■ 184.3970, 32.7350,
6.9670

■ 145.1750, 68.7710,
14.6830

■ 197.4710, 20.7230,
4.3950

■ 132.1010, 80.7830,
17.2550

■ 210.5450, 8.7110,
1.8230

■ 119.0270, 92.7950,
19.8270

■ 223.6190, -3.3010,
-0.7490

■ 105.9530,
104.8070, 22.3990

■ 236.6930,
-15.3130, -3.3210

■ 92.8790, 116.8190,
24.9710

■ 244.5350,
-20.8600, -7.4200

■ 89.2600, 120.1200,
25.7200

Harmonies

Analogous

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



172.4230, 39.0140, 19.8300



171.3230, 44.7470, 9.5390



169.5960, 39.0640, -3.1120

Triad

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



171.3230, 44.7470, 9.5390



159.8850, -25.4420, -23.5060



168.4530, -31.5920, 10.8720

Complementary

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



171.3230, 44.7470, 9.5390



186.6770, -44.7470, -9.5390

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.



161.3310, -55.1560, -2.6120



171.3230, 44.7470, 9.5390



156.0640, -50.7510, -21.8790

Square

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



171.3230, 44.7470, 9.5390



163.8250, 1.1500, -20.8500



155.7500, -64.1860, -15.1780



172.5060, -3.5800, 20.8360

Rectangle

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



171.3230, 44.7470, 9.5390



168.0630, 30.0790, -10.9850



155.7500, -64.1860, -15.1780



165.7400, -39.8900, 7.0700

Sweetspot

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



171.3230, 44.7470, 9.5390



238.3070, 15.3130, 3.3210



170.2700, 27.0440, 38.5320



117.8440, 9.3070, 2.0350



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.



171.3230, 44.7470, 9.5390



186.7120, 62.7650, 13.3970



194.8030, 33.7470, -11.3810



103.4630, 6.0060, 1.2860



70.5110, 94.3080, 19.9400



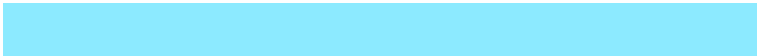
18.4500, 25.2160, 5.5680

Inverse Universe

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



186.6770, -44.7470, -9.5390



208.2880, -62.7650, -13.3970



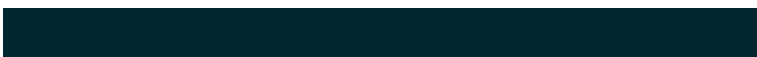
163.1970, -33.7470, 11.3810



105.5370, -6.0060, -1.2860



103.0760, -94.5830, -20.4630



27.5500, -25.2160, -5.5680

Previews

White Background



This preview shows how the YIQ color 171.3230, 44.7470, 9.5390 looks on a white background.

Color Contrast Check

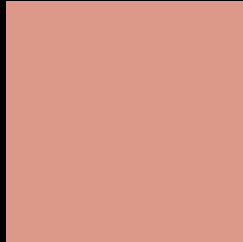
Large Text (above 18pt) WCAG AA × Fail

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 171.3230, 44.7470, 9.5390 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

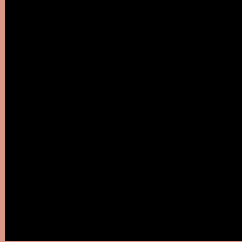
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 171.3230, 44.7470, 9.5390

Background



This preview shows how black text looks on a background with the YIQ color 171.3230, 44.7470, 9.5390.



This preview shows how white text looks on a background with the YIQ color 171.3230, 44.7470,

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

171.3230, 44.7470, 9.5390

Protanopia

169.0690, 12.7470, -5.2450

Deuteranopia

170.3870, 29.5270, -0.9770



Tritanopia

172.7820, 39.3810, 18.6850

Trichromacy



Original Color

171.3230, 44.7470, 9.5390

Protanomaly

169.6900, 24.3000, 0.1400

Deuteranomaly

170.5450, 35.0740, 3.1220

Tritanomaly

172.1580, 41.0780, 15.4620

Monochromacy



Original Color

171.3230, 44.7470, 9.5390

Achromatopsia

171.0000, -0.0000, -0.0000

Achromatomaly

170.9050, 16.5050, 3.7450

CSS Examples

Text

The CSS property to change the color of the text to YIQ 171.3230, 44.7470, 9.5390 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(220, 153, 138)` looks like.

```
.text, #text, p{  
    color:rgb(220, 153, 138)  
}
```

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(220, 153, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 153, 138) }
```

Border

The CSS property to change the border of an element to YIQ 171.3230, 44.7470, 9.5390 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(220, 153, 138) }
```


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

```
.border{ border-color:rgb(220, 153, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 153, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 153, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 153, 138);  
box-shadow:4px 4px 4px 4px rgb(220, 153,  
138) }
```

Background

The CSS property to change the background color of an element to YIQ 171.3230, 44.7470, 9.5390 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 153, 138) }
```

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

```
.background{ background-color: rgb(220,  
153, 138) }
```

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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