

Converting Colors

YIQ(199.0990, 30.3980, -0.2420)

Have a look what the booklet for
YIQ(199.0990, 30.3980, -0.2420)
contains.

YIQ(199.0990, 30.3980, -0.2420)	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(199.0990, 30.3980,
-0.2420)**

Conversions

Conversions Part 1

Format	Color
Hex	E4BFA5
RGB	228, 191, 165
RGB Percent	89%, 75%, 65%
CMY	0.1058, 0.2510, 0.3528
CMYK	0.00, 0.16, 0.28, 0.11
HSL	25°, 54%, 77%
HSV	25°, 28%, 89%
XYZ	57.4229, 56.4697, 43.4877
YIQ	199.0990, 30.3980, -0.2420

Conversions

Conversions Part 2

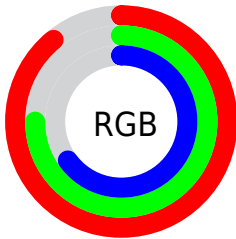
Format	Color
R _Y B	228, 209, 165
Decimal	14991269
CIE Lab	79.88, 9.41, 18.02
CIE LCh	80, 20.332, 62.433
Yxy	56.4697, 0.3649, 0.3588
Android (android.graphics.Color)	4293181349 (0xFFE4BFA5)
YUV	199.0990, -16.8108, 25.3462
Hunter-Lab	75.1463, 4.8944, 18.2909

Details

The YIQ color $199.0990, 30.3980, -0.2420$ is a light color, and the websafe version is hex FFCC99 . A complement of this color would be $193.9010, -30.3980, 0.2420$, and the grayscale version is $199.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $246.3140, 13.4350, -6.7010$, and $145.3160, 28.2890, -0.5670$ is the 20% darker color. If you saturate the color by 10%, you get $188.8460, 41.3560, -0.5960$, and if you desaturate by 10%, it is $209.3520, 19.4400, 0.1120$.

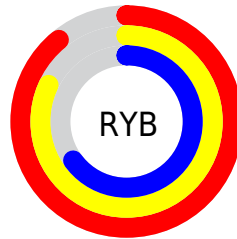
Distribution



Red (89%)

Green (75%)

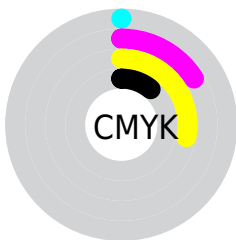
Blue (65%)



Red (89%)

Yellow (82%)

Blue (65%)

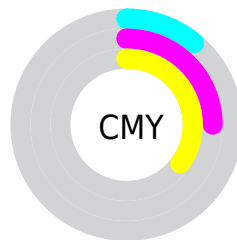


Cyan (0%)

Magenta (16%)

Yellow (28%)

Black (11%)



Cyan (11%)


Magenta (25%)


Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 199.0990, 30.3980, -0.2420 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 199.0990, 30.3980, -0.2420 by changing the saturation by 10% instead.


 199.0990, 30.3980,
-0.2420


 199.0990, 30.3980,
-0.2420


255.0000, -0.0000,
-0.0000


 171.9140, 29.4810,
-0.1430


 246.3140, 13.4350,
-6.7010


 145.3160, 28.2890,
-0.5670

 254.3160, 1.9260,
-1.8660

 119.2450, 27.0510,
-0.1570

 94.3480, 25.2630,
-0.7930

 70.2770, 24.0250,
-0.3830

 47.4940, 21.9160,
-0.7080

 26.3690, 20.7700,

-1.9660

■ 5.9800, 11.9200,
4.2400

■ 0.0000, 0.0000,
0.0000

■ 199.0990, 30.3980,
-0.2420

■ 199.0990, 30.3980,
-0.2420

■ 188.8460, 41.3560,
-0.5960

■ 209.3520, 19.4400,
0.1120

■ 178.0060, 52.5890,
-0.4270

■ 220.1920, 8.2070,
-0.0570

■ 167.8670, 63.2260,
-0.4700

■ 230.3310, -2.4300,
-0.0140

■ 157.0270, 74.4590,
-0.3010

■ 241.0570,
-13.3420, -0.4940

■ 146.7740, 85.4170,
-0.6550

■ 246.9270,
-16.0920, -5.7240

■ 136.5210, 96.3750,
-1.0090

■ 125.6810,
107.6080, -0.8400

■ 123.3500,
110.0380, -0.8260

Harmonies

Analogous

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



200.4510, 32.6430, 8.6350



199.0990, 30.3980, -0.2420



196.9680, 20.2210, -8.5390

Triad

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



199.0990, 30.3980, -0.2420



190.8170, -30.7620, -15.1940



200.2080, -5.9170, 13.6270

Complementary

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



199.0990, 30.3980, -0.2420



193.9010, -30.3980, 0.2420

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.



197.2380, -23.7970, 7.2670



199.0990, 30.3980, -0.2420



190.9010, -39.5660, -9.8220

Square

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



199.0990, 30.3980, -0.2420



192.5600, -13.9810, -16.4530



193.6120, -36.9540, -2.0900



201.3690, 12.7430, 16.8630

Rectangle

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



199.0990, 30.3980, -0.2420



195.7710, 10.4100, -12.4540



193.6120, -36.9540, -2.0900



199.3320, -12.1980, 11.8180

Sweetspot

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



199.0990, 30.3980, -0.2420



245.6760, 9.7200, 0.0560



188.1690, 25.3500, 25.1740



121.8220, 6.3730, 0.1410



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.



199.0990, 30.3980, -0.2420



216.6610, 40.4390, -0.4970



217.2960, 21.8730, -16.4550



109.5230, 5.7770, -0.0710



96.9590, 86.3340, -0.7540



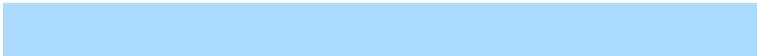
27.5760, 24.6210, -0.1710

Inverse Universe

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



193.9010, -30.3980, 0.2420



209.3390, -40.4390, 0.4970



175.7040, -21.8730, 16.4550



108.4770, -5.7770, 0.0710



82.0410, -86.3340, 0.7540



23.4240, -24.6210, 0.1710

Previews

White Background



This preview shows how the YIQ color 199.0990, 30.3980, -0.2420 looks on a white background.

Color Contrast Check

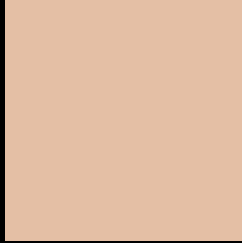
Large Text (above 18pt) WCAG AA × Fail

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 199.0990, 30.3980, -0.2420 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

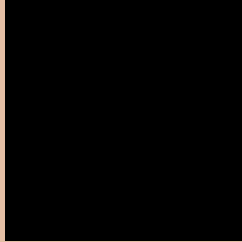
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 199.0990, 30.3980, -0.2420

Background



This preview shows how black text looks on a background with the YIQ color 199.0990, 30.3980, -0.2420.



This preview shows how white text looks on a background with the YIQ color 199.0990, 30.3980, -0.2420.

-0.2420.

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

199.0990, 30.3980, -0.2420

Protanopia

197.8690, 16.1860, -6.9980

Deuteranopia

199.3980, 30.9940, -0.0300



Tritanopia

201.3500, 22.9220, 14.1060

Trichromacy



Original Color

199.0990, 30.3980, -0.2420

Protanomaly

198.0870, 21.5040, -4.2560

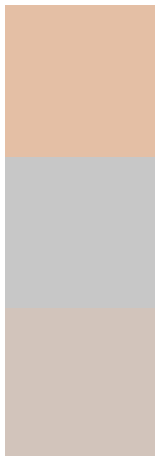
Deuteranomaly

199.3980, 30.9940, -0.0300

Tritanomaly

200.7430, 25.9490, 8.8050

Monochromacy



Original Color

199.0990, 30.3980, -0.2420

Achromatopsia

199.0000, -0.0000, 0.0000

Achromatomaly

199.1600, 11.2330, 0.1690

CSS Examples

Text

The CSS property to change the color of the text to YIQ 199.0990, 30.3980, -0.2420 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(228, 191, 165)` looks like.

```
.text, #text, p{  
    color:rgb(228, 191, 165)  
}
```

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(228, 191, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 191, 165) }
```

Border

The CSS property to change the border of an element to YIQ 199.0990, 30.3980, -0.2420 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(228, 191, 165) }
```


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

```
.border{ border-color:rgb(228, 191, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(228, 191, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 191, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 191, 165);  
box-shadow:4px 4px 4px 4px rgb(228, 191,  
165) }
```

Background

The CSS property to change the background color of an element to YIQ 199.0990, 30.3980, -0.2420 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 191, 165) }
```

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

```
.background{ background-color: rgb(228,  
191, 165) }
```

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