

Converting Colors

YIQ(194.8990, 33.8370, -1.9950)

Have a look what the booklet for
YIQ(194.8990, 33.8370, -1.9950)
contains.

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Color

**YIQ(194.8990, 33.8370,
-1.9950)**

Conversions

Conversions Part 1

Format	Color
Hex	E2BB9A
RGB	226, 187, 154
RGB Percent	89%, 73%, 60%
CMY	0.1137, 0.2667, 0.3959
CMYK	0.00, 0.17, 0.32, 0.11
HSL	27°, 55%, 75%
HSV	27°, 32%, 89%
XYZ	54.9728, 54.0398, 38.1230
YIQ	194.8990, 33.8370, -1.9950

Conversions

Conversions Part 2

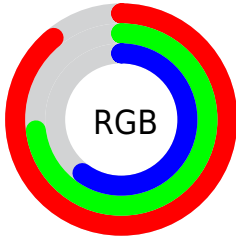
Format	Color
R _Y B	226, 215, 154
Decimal	14859162
CIE Lab	78.48, 9.32, 21.94
CIE LCh	78, 23.841, 66.975
Yxy	54.0398, 0.3736, 0.3673
Android (android.graphics.Color)	4293049242 (0xFFE2BB9A)
YUV	194.8990, -20.1632, 27.2756
Hunter-Lab	73.5118, 4.8382, 20.7106

Details

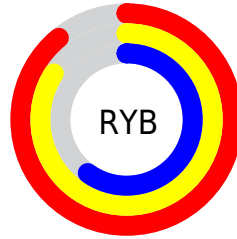
The YIQ color $194.8990, 33.8370, -1.9950$ is a light color, and the websafe version is hex FFCC99 . A complement of this color would be $185.1010, -33.8370, 1.9950$, and the grayscale version is $195.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $242.7120, 18.0660, -8.0300$, and $141.2300, 31.4070, -2.0090$ is the 20% darker color. If you saturate the color by 10%, you get $185.2330, 44.5200, -2.8720$, and if you desaturate by 10%, it is $204.5650, 23.1540, -1.1180$.

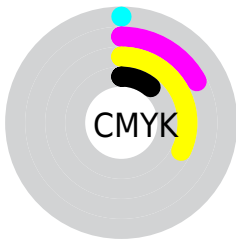
Distribution



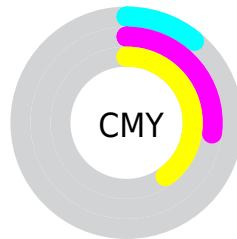
- Red (89%)
- Green (73%)
- Blue (60%)



- Red (89%)
- Yellow (84%)
- Blue (60%)



- Cyan (0%)
- Magenta (17%)
- Yellow (32%)
- Black (11%)





- Cyan (11%)
- Magenta (27%)
- Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 194.8990, 33.8370, -1.9950 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 194.8990, 33.8370, -1.9950 by changing the saturation by 10% instead.


 194.8990, 33.8370,
-1.9950


 194.8990, 33.8370,
-1.9950


255.0000, -0.0000,
-0.0000


 167.4150, 32.3240,
-2.1080


 242.7120, 18.0660,
-8.0300


 141.2300, 31.4070,
-2.0090

 252.9480, 5.7780,
-5.5980

 115.4470, 29.2980,
-2.3340

 90.2620, 28.3810,
-2.2350

 66.4790, 26.2720,
-2.5600

 43.6960, 24.1630,
-2.8850

 23.7110, 19.8070,

-1.0330

■ 2.0930, 4.1720,
1.4840

■ 0.0000, 0.0000,
0.0000

■ 194.8990, 33.8370,
-1.9950

■ 194.8990, 33.8370,
-1.9950

■ 185.2330, 44.5200,
-2.8720

■ 204.5650, 23.1540,
-1.1180

■ 175.0940, 55.1570,
-2.9150

■ 214.7040, 12.5170,
-1.0750

■ 165.4280, 65.8400,
-3.7920

■ 224.3700, 1.8340,
-0.1980

■ 155.8760, 76.2020,
-4.3580

■ 233.9220, -8.5280,
0.3680

■ 146.2100, 86.8850,
-5.2350

■ 242.2200,
-15.3590, -2.4870

■ 135.9570, 97.8430,
-5.5890

■ 246.3290,
-17.2840, -6.1480

■ 128.0350,
106.3710, -5.9570

Harmonies

Analogous

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



196.6750, 37.8240, 8.3520



194.8990, 33.8370, -1.9950



192.5720, 21.2760, -11.1400

Triad

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



194.8990, 33.8370, -1.9950



185.1580, -39.1520, -17.3280



196.9850, -3.6710, 16.9770

Complementary

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



194.8990, 33.8370, -1.9950



185.1010, -33.8370, 1.9950

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.



193.3350, -25.4480, 9.6560



194.8990, 33.8370, -1.9950



185.7690, -48.0020, -11.1220

Square

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



194.8990, 33.8370, -1.9950



187.0430, -19.8950, -19.4070



188.6160, -42.7770, -1.1850



198.2880, 17.4650, 19.3930

Rectangle

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



194.8990, 33.8370, -1.9950



190.8800, 8.4850, -16.1150



188.6160, -42.7770, -1.1850



195.9240, -10.8690, 15.2670

Sweetspot

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



194.8990, 33.8370, -1.9950



243.9320, 11.8750, -0.4530



180.0880, 30.0720, 27.7040



120.8930, 7.6110, -0.2690



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.



194.8990, 33.8370, -1.9950



212.8310, 45.7120, -2.4480



215.4440, 24.2120, -20.3000



107.2240, 5.1810, -0.2830



100.1710, 82.6210, -5.0510



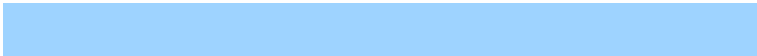
27.2660, 22.5580, -1.3300

Inverse Universe

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



185.1010, -33.8370, 1.9950



200.1690, -45.7120, 2.4480



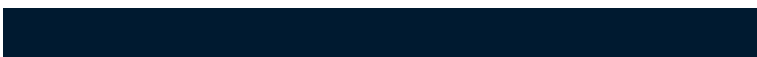
164.5560, -24.2120, 20.3000



105.7760, -5.1810, 0.2830



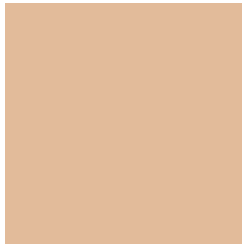
75.8290, -82.6210, 5.0510



20.7340, -22.5580, 1.3300

Previews

White Background



This preview shows how the YIQ color 194.8990, 33.8370, -1.9950 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 194.8990, 33.8370, -1.9950 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

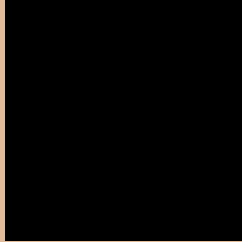
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 194.8990, 33.8370, -1.9950

Background



This preview shows how black text looks on a background with the YIQ color 194.8990, 33.8370, -1.9950.



This preview shows how white text looks on a background with the YIQ color 194.8990, 33.8370,

-1.9950.

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

194.8990, 33.8370, -1.9950

Protanopia

193.3700, 19.0290, -8.9630

Deuteranopia

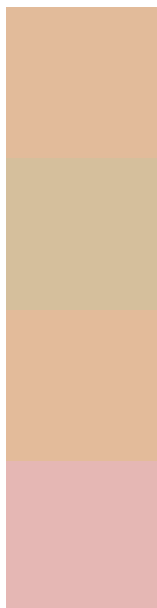
195.1980, 34.4330, -1.7830



Tritanopia

197.5460, 25.3060, 14.9540

Trichromacy



Original Color

194.8990, 33.8370, -1.9950

Protanomaly

193.5880, 24.3470, -6.2210

Deuteranomaly

195.1980, 34.4330, -1.7830

Tritanomaly

196.4120, 28.3790, 8.8190

Monochromacy



Original Color

194.8990, 33.8370, -1.9950

Achromatopsia

195.0000, -0.0000, 0.0000

Achromatomaly

194.8180, 12.1960, -0.7640

CSS Examples

Text

The CSS property to change the color of the text to YIQ 194.8990, 33.8370, -1.9950 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(226, 187, 154)` looks like.

```
.text, #text, p{  
    color:rgb(226, 187, 154)  
}
```

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(226, 187, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 187, 154) }
```

Border

The CSS property to change the border of an element to YIQ 194.8990, 33.8370, -1.9950 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(226, 187, 154) }
```


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

```
.border{ border-color:rgb(226, 187, 154) }
```

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

Here you see how a box with a 4 pixel rgb(226, 187, 154) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 187, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 187, 154);  
box-shadow:4px 4px 4px 4px rgb(226, 187,  
154) }
```

Background

The CSS property to change the background color of an element to YIQ 194.8990, 33.8370, -1.9950 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 187, 154) }
```

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

```
.background{ background-color: rgb(226,  
187, 154) }
```

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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