

Converting Colors

YIQ(198.8820, 32.5070, 0.0830)

Have a look what the booklet for
YIQ(198.8820, 32.5070, 0.0830)
contains.

YIQ(198.8820, 32.5070, 0.0830)	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(198.8820, 32.5070,
0.0830)**

Conversions

Conversions Part 1

Format	Color
Hex	E6BEA3
RGB	230, 190, 163
RGB Percent	90%, 75%, 64%
CMY	0.0980, 0.2549, 0.3606
CMYK	0.00, 0.17, 0.29, 0.10
HSL	24°, 57%, 77%
HSV	24°, 29%, 90%
XYZ	57.6636, 56.2916, 42.4945
YIQ	198.8820, 32.5070, 0.0830

Conversions

Conversions Part 2

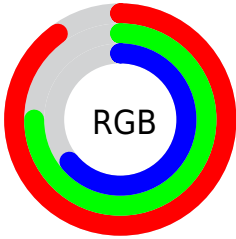
Format	Color
RYB	230, 208, 163
Decimal	15122083
CIELab	79.78, 10.43, 18.98
CIElCh	80, 21.659, 61.200
Yxy	56.2916, 0.3686, 0.3598
Android (android.graphics.Color)	4293312163 (0xFFE6BEA3)
YUV	198.8820, -17.6898, 27.2905
Hunter-Lab	75.0277, 5.8902, 18.9385

Details

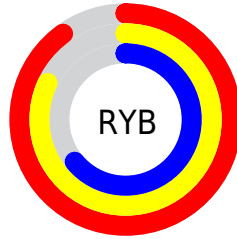
The YIQ color $198.8820, 32.5070, 0.0830$ is a light color, and the websafe version is hex FFCC99 . A complement of this color would be $194.1180, -32.5070, -0.0830$, and the grayscale version is $199.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $245.4990, 14.3520, -6.8000$, and $144.8000, 29.8020, -0.4540$ is the 20% darker color. If you saturate the color by 10%, you get $188.0420, 43.7400, 0.2520$, and if you desaturate by 10%, it is $209.7220, 21.2740, -0.0860$.

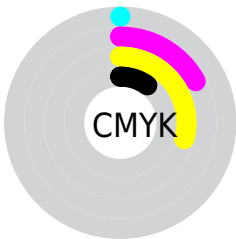
Distribution



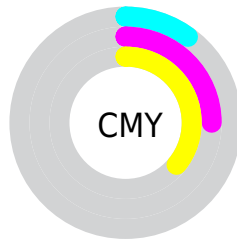
- Red (90%)
- Green (75%)
- Blue (64%)



- Red (90%)
- Yellow (82%)
- Blue (64%)



- Cyan (0%)
- Magenta (17%)
- Yellow (29%)
- Black (10%)





- Cyan (10%)
- Magenta (25%)
- Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 198.8820, 32.5070, 0.0830 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 198.8820, 32.5070, 0.0830 by changing the saturation by 10% instead.

 198.8820, 32.5070,
0.0830


 198.8820, 32.5070,
0.0830

255.0000, -0.0000,
-0.0000


 171.3980, 30.9940,
-0.0300


 245.4990, 14.3520,
-6.8000


 145.0990, 30.3980,
-0.2420

 254.0880, 2.5680,
-2.4880

 118.7290, 28.5640,
-0.0440

 94.1310, 27.3720,
-0.4680

 69.7610, 25.5380,
-0.2700

 46.9780, 23.4290,
-0.5950

 26.0810, 21.6410,

-1.2310

■ 6.2790, 12.5160,
4.4520

■ 0.0000, 0.0000,
0.0000

■ 198.8820, 32.5070,
0.0830

■ 198.8820, 32.5070,
0.0830

■ 188.0420, 43.7400,
0.2520

■ 209.7220, 21.2740,
-0.0860

■ 177.2020, 54.9730,
0.4210

■ 219.9750, 10.3160,
0.2680

■ 166.9490, 65.9310,
0.0670

■ 230.8150, -0.9170,
0.0990

■ 156.1090, 77.1640,
0.2360

■ 241.6550,
-12.1500, -0.0700

■ 145.2690, 88.3970,
0.4050

■ 247.5250,
-14.9000, -5.3000

■ 135.0160, 99.3550,
0.0510

■ 124.1760,
110.5880, 0.2200

■ 123.3610,
111.5050, 0.1210

Harmonies

Analogous

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



200.3480, 34.4310, 9.2710



198.8820, 32.5070, 0.0830



197.3380, 22.0550, -8.7370

Triad

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



198.8820, 32.5070, 0.0830



189.8060, -32.2290, -16.1410



199.5500, -6.8800, 14.5600

Complementary

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



198.8820, 32.5070, 0.0830



194.1180, -32.5070, -0.0830

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.



196.5690, -26.2270, 7.2530



198.8820, 32.5070, 0.0830



190.2920, -42.2250, -11.1930

Square

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



198.8820, 32.5070, 0.0830



191.7340, -14.5310, -17.4990



192.5300, -39.6590, -2.6270



201.3090, 12.9720, 18.2200

Rectangle

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



198.8820, 32.5070, 0.0830



195.4290, 11.3730, -13.3870



192.5300, -39.6590, -2.6270



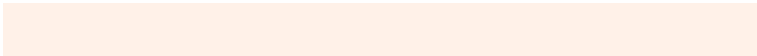
199.2610, -13.4360, 12.2280

Sweetspot

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



198.8820, 32.5070, 0.0830



244.1600, 11.2330, 0.1690



187.5930, 27.0920, 26.6440



121.0070, 7.2900, 0.0420



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.



198.8820, 32.5070, 0.0830



213.7430, 43.1440, 0.0400



218.2530, 23.4320, -17.1760



109.5230, 5.7770, -0.0710



95.7850, 86.8840, 0.2920



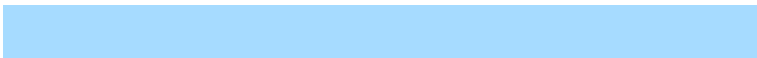
27.5760, 24.6210, -0.1710

Inverse Universe

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



194.1180, -32.5070, -0.0830



207.2570, -43.1440, -0.0400



174.7470, -23.4320, 17.1760



108.4770, -5.7770, 0.0710



83.2150, -86.8840, -0.2920



23.4240, -24.6210, 0.1710

Previews

White Background



This preview shows how the YIQ color 198.8820, 32.5070, 0.0830 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 198.8820, 32.5070, 0.0830 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

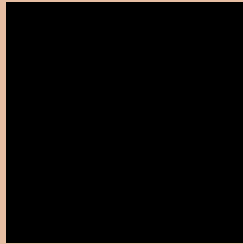
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 198.8820, 32.5070, 0.0830

Background



This preview shows how black text looks on a background with the YIQ color 198.8820, 32.5070, 0.0830.



This preview shows how white text looks on a background with the YIQ color 198.8820, 32.5070,

0.0830.

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

198.8820, 32.5070, 0.0830

Protanopia

197.1680, 16.7820, -6.7860

Deuteranopia

198.5830, 31.9110, -0.1290



Tritanopia

201.2470, 24.7100, 14.7420

Trichromacy



Original Color

198.8820, 32.5070, 0.0830

Protanomaly

197.6850, 22.6960, -3.8320

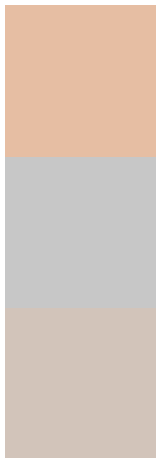
Deuteranomaly

198.5830, 31.9110, -0.1290

Tritanomaly

200.6400, 27.7370, 9.4410

Monochromacy



Original Color

198.8820, 32.5070, 0.0830

Achromatopsia

199.0000, -0.0000, 0.0000

Achromatomaly

199.0460, 11.5540, -0.1420

CSS Examples

Text

The CSS property to change the color of the text to YIQ 198.8820, 32.5070, 0.0830 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(230, 190, 163)` looks like.

```
.text, #text, p{  
    color:rgb(230, 190, 163)  
}
```

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(230, 190, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 190, 163) }
```

Border

The CSS property to change the border of an element to YIQ 198.8820, 32.5070, 0.0830 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(230, 190, 163) }
```


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

```
.border{ border-color:rgb(230, 190, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 190, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(230, 190, 163); -webkit-box-shadow:4px 4px 4px 4px rgb(230, 190, 163); box-shadow:4px 4px 4px 4px rgb(230, 190, 163) }
```

Background

The CSS property to change the background color of an element to YIQ 198.8820, 32.5070, 0.0830 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 190, 163) }
```

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

```
.background{ background-color: rgb(230,  
190, 163) }
```

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