

Converting Colors

YIQ(208.8820, 32.5070, 0.0830)

Have a look what the booklet for
YIQ(208.8820, 32.5070, 0.0830)
contains.

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Color

**YIQ(208.8820, 32.5070,
0.0830)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | F0C8AD |
| RGB | 240, 200, 173 |
| RGB Percent | 94%, 78%, 68% |
| CMY | 0.0587, 0.2157, 0.3214 |
| CMYK | 0.00, 0.17, 0.28, 0.06 |
| HSL | 24°, 69%, 81% |
| HSV | 24°, 28%, 94% |
| XYZ | 64.1389, 62.8481, 48.3050 |
| YIQ | 208.8820, 32.5070, 0.0830 |

Conversions

Conversions Part 2

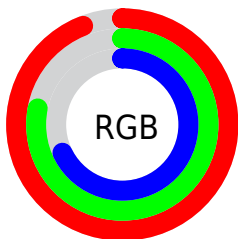
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 240, 218, 173 |
| Decimal | 15780013 |
| CIE Lab | 83.36, 10.28, 18.78 |
| CIE LCh | 83, 21.406, 61.311 |
| Yxy | 62.8481, 0.3659, 0.3585 |
| Android (android.graphics.Color) | 4293970093 (0xFFF0C8AD) |
| YUV | 208.8820, -17.6898, 27.2905 |
| Hunter-Lab | 79.2768, 5.6810, 19.3671 |

Details

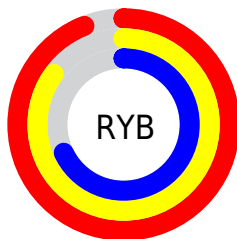
The YIQ color $208.8820, 32.5070, 0.0830$ is a light color, and the websafe version is hex FFCC99 . A complement of this color would be $204.1180, -32.5070, -0.0830$, and the grayscale version is $209.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $251.9220, 8.6670, -8.3970$, and $154.2130, 30.0770, 0.0690$ is the 20% darker color. If you saturate the color by 10%, you get $197.9280, 44.0610, -0.0590$, and if you desaturate by 10%, it is $219.8360, 20.9530, 0.2250$.

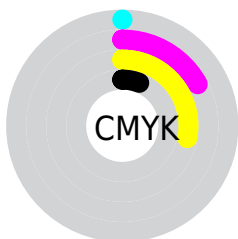
Distribution



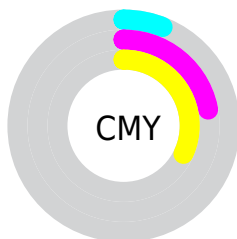
- Red (94%)
- Green (78%)
- Blue (68%)



- Red (94%)
- Yellow (85%)
- Blue (68%)



- Cyan (0%)
- Magenta (17%)
- Yellow (28%)
- Black (6%)





- Cyan (6%)
- Magenta (22%)
- Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 208.8820, 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 208.8820, 32.5070, 0.0830 by changing the saturation by 10% instead.


 208.8820, 32.5070,
0.0830


 208.8820, 32.5070,
0.0830


255.0000, -0.0000,
-0.0000


 181.2840, 31.3150,
-0.3410


 252.0360, 8.3460,
-8.0860

 154.2130, 30.0770,
0.0690

 128.0280, 29.1600,
0.1680

 103.1310, 27.3720,
-0.4680

 78.6470, 25.8590,
-0.5810

 55.2770, 24.0250,
-0.3830

 32.9240, 23.5210,

-2.2630

■ 11.6170, 17.3760,
4.4800

■ 0.0000, 0.0000,
0.0000

■ 208.8820, 32.5070,
0.0830

■ 208.8820, 32.5070,
0.0830

■ 197.9280, 44.0610,
-0.0590

■ 219.8360, 20.9530,
0.2250

■ 186.3870, 55.8900,
0.3220

■ 231.3770, 9.1240,
-0.1560

■ 175.4330, 67.4440,
0.1800

■ 242.3310, -2.4300,
-0.0140

■ 164.4790, 78.9980,
0.0380

■ 250.5150, -8.9400,
-3.1800

■ 152.9380, 90.8270,
0.4190

■ 141.9840,
102.3810, 0.2770

■ 131.0300,
113.9350, 0.1350

■ 128.6990,
116.3650, 0.1490

Harmonies

Analogous

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



210.3480, 34.4310, 9.2710



208.8820, 32.5070, 0.0830



207.3380, 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.



208.8820, 32.5070, 0.0830



200.1050, -31.6330, -15.9290



209.8490, -6.2840, 14.7720

Complementary

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



208.8820, 32.5070, 0.0830



204.1180, -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.



206.5690, -26.2270, 7.2530



208.8820, 32.5070, 0.0830



200.2920, -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.



208.8820, 32.5070, 0.0830



202.0330, -13.9350, -17.2870



202.5300, -39.6590, -2.6270



211.1950, 13.2930, 17.9090

Rectangle

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



208.8820, 32.5070, 0.0830



205.4290, 11.3730, -13.3870



202.5300, -39.6590, -2.6270



209.2610, -13.4360, 12.2280

Sweetspot

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



208.8820, 32.5070, 0.0830



245.6760, 9.7200, 0.0560



197.5930, 27.0920, 26.6440



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.



208.8820, 32.5070, 0.0830



216.0740, 40.7140, 0.0260



228.2530, 23.4320, -17.1760



114.5230, 5.7770, -0.0710



98.4540, 89.3140, 0.3060



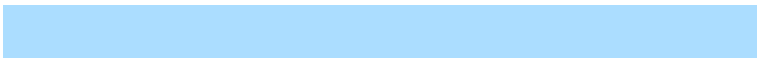
30.2450, 27.0510, -0.1570

Inverse Universe

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



204.1180, -32.5070, -0.0830



209.9260, -40.7140, -0.0260



184.7470, -23.4320, 17.1760



113.4770, -5.7770, 0.0710



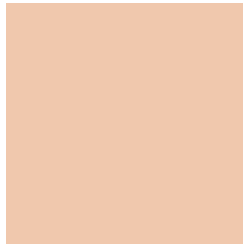
85.5460, -89.3140, -0.3060



26.3420, -27.3260, -0.3660

Previews

White Background



This preview shows how the YIQ color 208.8820, 32.5070, 0.0830 looks on a white background.

Color Contrast Check

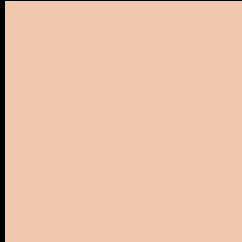
Large Text (above 18pt) WCAG AA × Fail

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 208.8820, 32.5070, 0.0830 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

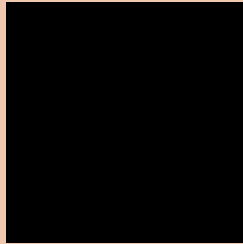
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 208.8820, 32.5070, 0.0830

Background



This preview shows how black text looks on a background with the YIQ color 208.8820, 32.5070, 0.0830.



This preview shows how white text looks on a background with the YIQ color 208.8820, 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

208.8820, 32.5070, 0.0830

Protanopia

207.1680, 16.7820, -6.7860

Deuteranopia

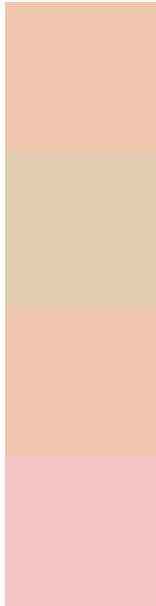
208.8820, 32.5070, 0.0830



Tritanopia

211.3610, 24.3890, 15.0530

Trichromacy



Original Color

208.8820, 32.5070, 0.0830

Protanomaly

207.6850, 22.6960, -3.8320

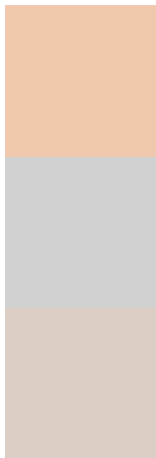
Deuteranomaly

208.8820, 32.5070, 0.0830

Tritanomaly

210.7540, 27.4160, 9.7520

Monochromacy



Original Color

208.8820, 32.5070, 0.0830

Achromatopsia

209.0000, 0.0000, 0.0000

Achromatomaly

209.0460, 11.5540, -0.1420

CSS Examples

Text

The CSS property to change the color of the text to YIQ 208.8820, 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(240, 200, 173)` looks like.

```
.text, #text, p{  
    color:rgb(240, 200, 173)  
}
```

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(240, 200, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 200, 173) }
```

Border

The CSS property to change the border of an element to YIQ 208.8820, 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(240, 200, 173) }
```


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

```
.border{ border-color:rgb(240, 200, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 200, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 200, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 200, 173);  
box-shadow:4px 4px 4px 4px rgb(240, 200,  
173) }
```

Background

The CSS property to change the background color of an element to YIQ 208.8820, 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(240, 200, 173) }
```

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

```
.background{ background-color: rgb(240,  
200, 173) }
```

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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