

Converting Colors

YIQ(213.8160, 32.8730, 4.4650)

Have a look what the booklet for
YIQ(213.8160, 32.8730, 4.4650)
contains.

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Color

**YIQ(213.8160, 32.8730,
4.4650)**

Conversions

Conversions Part 1

Format	Color
Hex	F8CAB9
RGB	248, 202, 185
RGB Percent	97%, 79%, 73%
CMY	0.0274, 0.2079, 0.2744
CMYK	0.00, 0.19, 0.25, 0.03
HSL	16°, 82%, 85%
HSV	16°, 25%, 97%
XYZ	68.5971, 65.6974, 54.9846
YIQ	213.8160, 32.8730, 4.4650

Conversions

Conversions Part 2

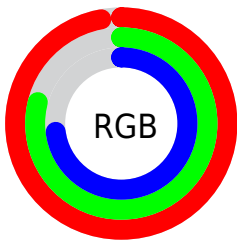
Format	Color
R _Y B	248, 208, 185
Decimal	16304825
CIE Lab	84.84, 13.83, 14.60
CIE LCh	85, 20.112, 46.542
Yxy	65.6974, 0.3624, 0.3471
Android (android.graphics.Color)	4294494905 (0xFFF8CAB9)
YUV	213.8160, -14.2063, 29.9794
Hunter-Lab	81.0539, 9.2229, 16.5171

Details

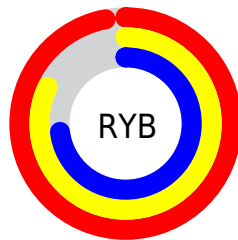
The YIQ color **213.8160, 32.8730, 4.4650** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **219.1840, -32.8730, -4.4650**, and the grayscale version is **214.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **253.4040, 4.4940, -4.3540**, and **159.0330, 30.7640, 4.1400** is the 20% darker color. If you saturate the color by 10%, you get **200.4000, 45.8480, 6.1040**, and if you desaturate by 10%, it is **227.2320, 19.8980, 2.8260**.

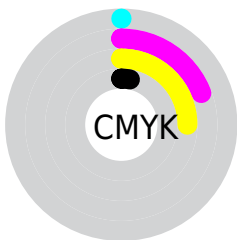
Distribution



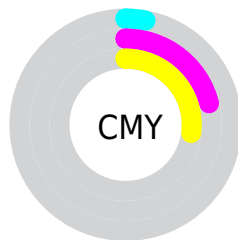
- Red (97%)
- Green (79%)
- Blue (73%)



- Red (97%)
- Yellow (82%)
- Blue (73%)



- Cyan (0%)
- Magenta (19%)
- Yellow (25%)
- Black (3%)





- Cyan (3%)
- Magenta (21%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 213.8160, 32.8730, 4.4650 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 213.8160, 32.8730, 4.4650 by changing the saturation by 10% instead.


 213.8160, 32.8730,
4.4650


 213.8160, 32.8730,
4.4650


255.0000, -0.0000,
-0.0000


 186.2180, 31.6810,
4.0410


 253.4040, 4.4940,
-4.3540

 159.0330, 30.7640,
4.1400

 132.5490, 29.2510,
4.0270

 106.9510, 28.0590,
3.6030

 82.4670, 26.5460,
3.4900

 59.0970, 24.7120,
3.6880

 36.9010, 22.3280,

2.8400

■ 14.8840, 20.9980,
4.9180

■ 0.0000, 0.0000,
0.0000

■ 213.8160, 32.8730,
4.4650

■ 213.8160, 32.8730,
4.4650

■ 200.4000, 45.8480,
6.1040

■ 227.2320, 19.8980,
2.8260

■ 186.9840, 58.8230,
7.7430

■ 240.6480, 6.9230,
1.1870

■ 173.6820, 71.4770,
9.6930

■ 252.9070, -4.1720,
-1.4840

■ 159.6790, 84.7270,
11.8550

■ 146.2630, 97.7020,
13.4940

■ 132.8470,
110.6770, 15.1330

■ 119.4310,
123.6520, 16.7720

■ 113.4810,
129.3830, 17.5350

Harmonies

Analogous

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



215.1890, 30.6250, 12.1690



213.8160, 32.8730, 4.4650



212.3110, 26.6850, -4.5390

Triad

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



213.8160, 32.8730, 4.4650



205.3680, -22.1880, -16.3960



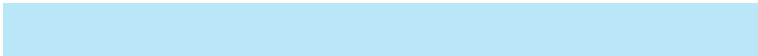
212.5380, -15.7740, 10.5460

Complementary

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



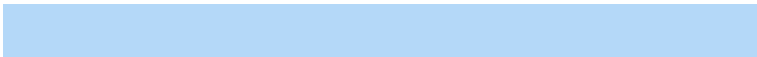
213.8160, 32.8730, 4.4650



219.1840, -32.8730, -4.4650

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.



208.8840, -31.7280, 2.3200



213.8160, 32.8730, 4.4650



204.6470, -36.0350, -13.2430

Square

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



213.8160, 32.8730, 4.4650



207.6490, -3.9860, -15.8740



206.0090, -39.7500, -6.4860



215.0520, 3.3900, 15.6620

Rectangle

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



213.8160, 32.8730, 4.4650



210.9570, 18.7540, -9.4860



206.0090, -39.7500, -6.4860



211.4340, -21.4130, 8.1150

Sweetspot

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



213.8160, 32.8730, 4.4650



243.9150, 10.5450, 1.6250



209.0810, 22.7820, 27.6620



120.6480, 6.9230, 1.1870



0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000

Same Dimension

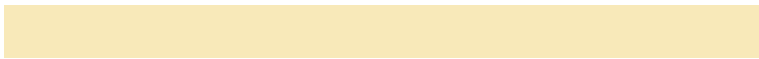
The Same Dimension uses a secret algorithm to generate beautiful new colors.



213.8160, 32.8730, 4.4650



213.4640, 39.7960, 5.6520



232.0130, 24.3480, -11.7480



118.2350, 6.6480, 0.6640



86.4480, 98.6190, 13.3950



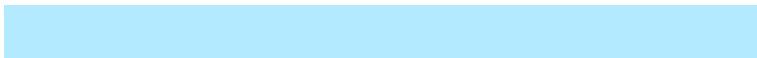
27.6310, 31.9560, 4.5640

Inverse Universe

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



219.1840, -32.8730, -4.4650



219.9490, -39.5210, -5.1290



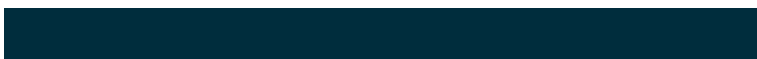
200.9870, -24.3480, 11.7480



119.3520, -6.9230, -1.1870



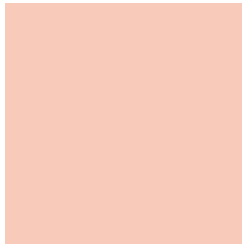
102.5520, -98.6190, -13.3950



33.3690, -31.9560, -4.5640

Previews

White Background



This preview shows how the YIQ color 213.8160, 32.8730, 4.4650 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 213.8160, 32.8730, 4.4650 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

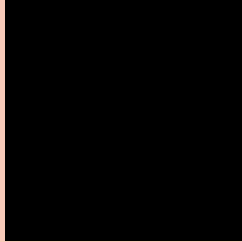
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 213.8160, 32.8730, 4.4650

Background



This preview shows how black text looks on a background with the YIQ color 213.8160, 32.8730, 4.4650.



This preview shows how white text looks on a background with the YIQ color 213.8160, 32.8730,

4.4650.

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

213.8160, 32.8730, 4.4650

Protanopia

211.5960, 12.7010, -4.4110

Deuteranopia

213.1960, 28.7470, 2.1470



Tritanopia

215.5570, 26.7730, 15.9010

Trichromacy



Original Color

213.8160, 32.8730, 4.4650

Protanomaly

212.5970, 20.1280, -1.3440

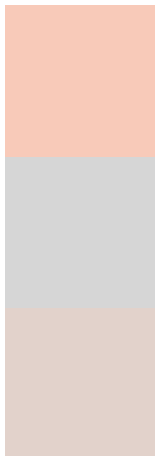
Deuteranomaly

213.2070, 30.2140, 3.0940

Tritanomaly

214.7050, 29.1120, 12.0560

Monochromacy



Original Color

213.8160, 32.8730, 4.4650

Achromatopsia

214.0000, -0.0000, 0.0000

Achromatomaly

213.9860, 11.7830, 1.2150

CSS Examples

Text

The CSS property to change the color of the text to YIQ 213.8160, 32.8730, 4.4650 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(248, 202, 185)` looks like.

```
.text, #text, p{  
    color:rgb(248, 202, 185)  
}
```

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(248, 202, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 202, 185) }
```

Border

The CSS property to change the border of an element to YIQ 213.8160, 32.8730, 4.4650 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(248, 202, 185) }
```


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

```
.border{ border-color:rgb(248, 202, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(248, 202, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 202, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 202, 185);  
box-shadow:4px 4px 4px 4px rgb(248, 202,  
185) }
```

Background

The CSS property to change the background color of an element to YIQ 213.8160, 32.8730, 4.4650 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 202, 185) }
```

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

```
.background{ background-color: rgb(248,  
202, 185) }
```

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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