

Converting Colors

YIQ(211.8230, 40.1630, 4.5070)

Have a look what the booklet for
YIQ(211.8230, 40.1630, 4.5070)
contains.

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Color

**YIQ(211.8230, 40.1630,
4.5070)**

Conversions

Conversions Part 1

Format	Color
Hex	FDC6AF
RGB	253, 198, 175
RGB Percent	99%, 78%, 69%
CMY	0.0077, 0.2236, 0.3135
CMYK	0.00, 0.22, 0.31, 0.01
HSL	18°, 95%, 84%
HSV	18°, 31%, 99%
XYZ	68.4499, 64.3627, 49.3963
YIQ	211.8230, 40.1630, 4.5070

Conversions

Conversions Part 2

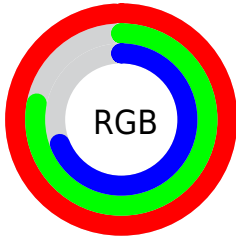
Format	Color
R _Y B	253, 208, 175
Decimal	16631471
CIE Lab	84.15, 16.48, 19.00
CIE LCh	84, 25.151, 49.074
Yxy	64.3627, 0.3757, 0.3532
Android (android.graphics.Color)	4294821551 (0xFFFDC6AF)
YUV	211.8230, -18.1537, 36.1122
Hunter-Lab	80.2264, 11.9018, 19.6530

Details

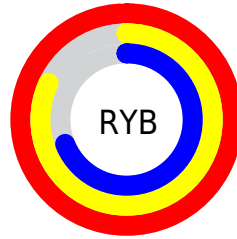
The YIQ color **211.8230, 40.1630, 4.5070** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **216.1770, -40.1630, -4.5070**, and the grayscale version is **212.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **252.2640, 7.7040, -7.4640**, and **156.7410, 37.4580, 3.9700** is the 20% darker color. If you saturate the color by 10%, you get **198.4070, 53.1380, 6.1460**, and if you desaturate by 10%, it is **225.2390, 27.1880, 2.8680**.

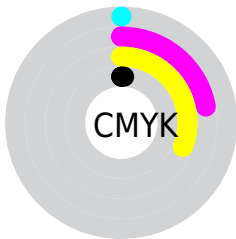
Distribution



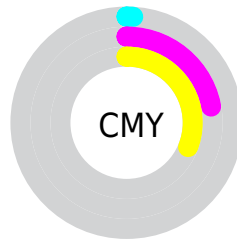
- Red (99%)
- Green (78%)
- Blue (69%)



- Red (99%)
- Yellow (82%)
- Blue (69%)



- Cyan (0%)
- Magenta (22%)
- Yellow (31%)
- Black (1%)





- Cyan (1%)
- Magenta (22%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 211.8230, 40.1630, 4.5070 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 211.8230, 40.1630, 4.5070 by changing the saturation by 10% instead.


 211.8230, 40.1630,
4.5070


 211.8230, 40.1630,
4.5070


255.0000, -0.0000,
-0.0000


 184.2250, 38.9710,
4.0830


 252.2640, 7.7040,
-7.4640

 156.8550, 37.1370,
4.2810

 130.3710, 35.6240,
4.1680

 104.8870, 34.1110,
4.0550

 80.6910, 31.7270,
3.2070

 57.0220, 29.2970,
3.1930

 33.8970, 28.1510,

1.9350

■ 12.8350, 22.6940,
7.2220

■ 0.0000, 0.0000,
0.0000

■ 211.8230, 40.1630,
4.5070

■ 211.8230, 40.1630,
4.5070

■ 198.4070, 53.1380,
6.1460

■ 225.2390, 27.1880,
2.8680

■ 184.8770, 66.4340,
7.4740

■ 238.7690, 13.8920,
1.5400

■ 171.4610, 79.4090,
9.1130

■ 252.1850, 0.9170,
-0.0990

■ 158.6320, 92.1090,
10.2290

■ 254.4020, -1.1920,
-0.4240

■ 145.2160,
105.0840, 11.8680

■ 131.6860,
118.3800, 13.1960

■ 119.0850,
130.4380, 14.9340

Harmonies

Analogous

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



211.7660, 36.3100, 13.7660



211.8230, 40.1630, 4.5070



209.5950, 31.6370, -6.1790

Triad

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



211.8230, 40.1630, 4.5070



201.5410, -30.1650, -20.5090



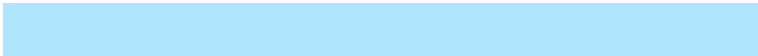
211.1620, -17.4710, 13.7690

Complementary

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



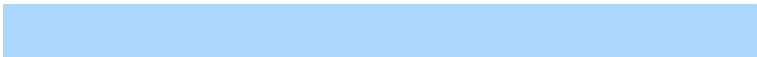
211.8230, 40.1630, 4.5070



216.1770, -40.1630, -4.5070

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.



206.4040, -39.0640, 3.1120



211.8230, 40.1630, 4.5070



199.7920, -46.8090, -16.2250

Square

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



211.8230, 40.1630, 4.5070



204.1600, -7.1030, -19.9590



201.9090, -51.2120, -8.0120



213.6550, 6.1860, 20.0580

Rectangle

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



211.8230, 40.1630, 4.5070



208.5180, 21.3680, -12.8080



201.9090, -51.2120, -8.0120



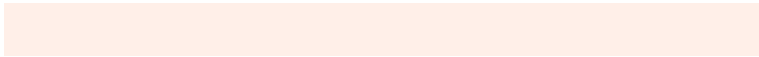
209.7480, -25.1730, 10.1790

Sweetspot

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



211.8230, 40.1630, 4.5070



242.9860, 11.7830, 1.2150



204.7060, 28.5120, 33.9520



120.4200, 7.5650, 0.5650



0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000

Same Dimension

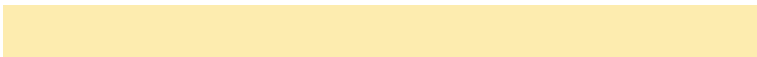
The Same Dimension uses a secret algorithm to generate beautiful new colors.



211.8230, 40.1630, 4.5070



204.9550, 48.5990, 5.8070



234.1290, 29.7130, -15.3670



121.2350, 6.6480, 0.6640



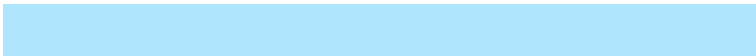
89.9810, 98.4360, 11.2040



30.2890, 32.9190, 3.6310

Inverse Universe

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



216.1770, -40.1630, -4.5070



210.4580, -48.3240, -5.2840



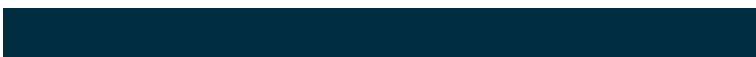
193.8710, -29.7130, 15.3670



121.7650, -6.6480, -0.6640



101.0190, -98.4360, -11.2040



33.7110, -32.9190, -3.6310

Previews

White Background



This preview shows how the YIQ color 211.8230, 40.1630, 4.5070 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 211.8230, 40.1630, 4.5070 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

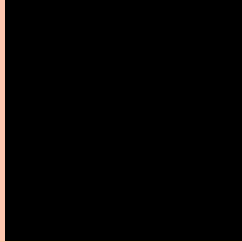
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 211.8230, 40.1630, 4.5070

Background



This preview shows how black text looks on a background with the YIQ color 211.8230, 40.1630, 4.5070.



This preview shows how white text looks on a background with the YIQ color 211.8230, 40.1630,

4.5070.

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

211.8230, 40.1630, 4.5070

Protanopia

209.9830, 15.8650, -6.6870

Deuteranopia

211.0670, 33.4240, -0.0160



Tritanopia

213.8350, 31.8620, 17.2860

Trichromacy



Original Color

211.8230, 40.1630, 4.5070

Protanomaly

210.9950, 24.7590, -2.6730

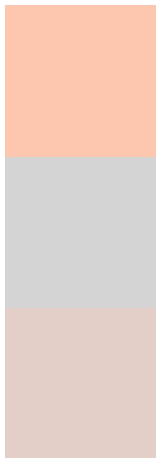
Deuteranomaly

211.6760, 36.0830, 1.3550

Tritanomaly

212.7550, 34.8430, 12.8190

Monochromacy



Original Color

211.8230, 40.1630, 4.5070

Achromatopsia

212.0000, -0.0000, -0.0000

Achromatomaly

212.0680, 14.4880, 1.7520

CSS Examples

Text

The CSS property to change the color of the text to YIQ 211.8230, 40.1630, 4.5070 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(253, 198, 175)` looks like.

```
.text, #text, p{  
    color:rgb(253, 198, 175)  
}
```

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(253, 198, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 198, 175) }
```

Border

The CSS property to change the border of an element to YIQ 211.8230, 40.1630, 4.5070 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(253, 198, 175) }
```


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

```
.border{ border-color:rgb(253, 198, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(253, 198, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 198, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 198, 175);  
box-shadow:4px 4px 4px 4px rgb(253, 198,  
175) }
```

Background

The CSS property to change the background color of an element to YIQ 211.8230, 40.1630, 4.5070 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 198, 175) }
```

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

```
.background{ background-color: rgb(253,  
198, 175) }
```

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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