

Converting Colors

YIQ(212.8600, 38.7410, 8.2530)

Have a look what the booklet for
YIQ(212.8600, 38.7410, 8.2530)
contains.

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Color

**YIQ(212.8600, 38.7410,
8.2530)**

Conversions

Conversions Part 1

Format	Color
Hex	FFC5B8
RGB	255, 197, 184
RGB Percent	100%, 77%, 72%
CMY	0.0000, 0.2275, 0.2783
CMYK	0.00, 0.23, 0.28, 0.00
HSL	11°, 100%, 86%
HSV	11°, 28%, 100%
XYZ	69.8568, 64.6439, 54.1660
YIQ	212.8600, 38.7410, 8.2530

Conversions

Conversions Part 2

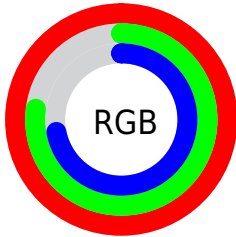
Format	Color
R _Y B	255, 200, 184
Decimal	16762296
CIE Lab	84.30, 18.90, 14.46
CIE LCh	84, 23.795, 37.419
Yxy	64.6439, 0.3703, 0.3426
Android (android.graphics.Color)	4294952376 (0xFFFFC5B8)
YUV	212.8600, -14.2280, 36.9568
Hunter-Lab	80.4014, 14.3874, 16.3376

Details

The YIQ color **212.8600, 38.7410, 8.2530** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **226.1400, -38.7410, -8.2530**, and the grayscale version is **213.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **252.7030, 5.0900, -4.1420**, and **157.7780, 36.0360, 7.7160** is the 20% darker color. If you saturate the color by 10%, you get **197.6830, 52.5410, 11.4610**, and if you desaturate by 10%, it is **228.1510, 24.6200, 5.3560**.

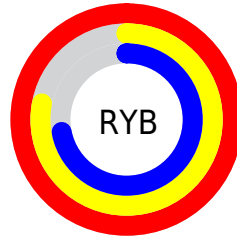
Distribution



Red (100%)

Green (77%)

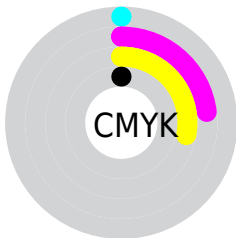
Blue (72%)



Red (100%)

Yellow (78%)

Blue (72%)

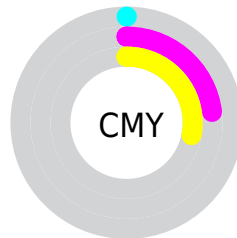


Cyan (0%)

Magenta (23%)

Yellow (28%)

Black (0%)



Cyan (0%)

Magenta (23%)


Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 212.8600, 38.7410, 8.2530 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 212.8600, 38.7410, 8.2530 by changing the saturation by 10% instead.

 212.8600, 38.7410,
8.2530


 212.8600, 38.7410,
8.2530


255.0000, -0.0000,
-0.0000


 185.2620, 37.5490,
7.8290


 252.7030, 5.0900,
-4.1420

 157.7780, 36.0360,
7.7160

 131.2940, 34.5230,
7.6030

 105.8100, 33.0100,
7.4900

 81.0270, 30.9010,
7.1650

 57.8310, 28.5170,
6.3170

 35.0480, 26.4080,

5.9920

■ 12.2590, 24.4360,
8.6920

■ 0.0000, 0.0000,
0.0000

■ 212.8600, 38.7410,
8.2530

■ 212.8600, 38.7410,
8.2530

■ 197.6830, 52.5410,
11.4610

■ 228.1510, 24.6200,
5.3560

■ 182.3920, 66.6620,
14.3580

■ 243.3280, 10.8200,
2.1480

■ 167.2150, 80.4620,
17.5660

255.0000, -0.0000,
-0.0000

■ 152.5110, 94.3080,
19.9400

■ 137.3340,
108.1080, 23.1480

■ 122.0430,
122.2290, 26.0450

■ 106.8660,
136.0290, 29.2530

■ 103.2470,
139.3300, 30.0020

Harmonies

Analogous

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



213.4930, 32.8250, 16.3530



212.8600, 38.7410, 8.2530



211.1980, 34.4330, -1.7830

Triad

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



212.8600, 38.7410, 8.2530



203.6300, -20.1700, -19.9300



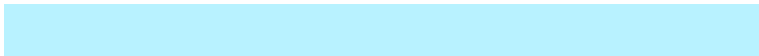
209.6340, -24.8520, 9.8680

Complementary

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



212.8600, 38.7410, 8.2530



226.1400, -38.7410, -8.2530

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.



205.0290, -42.5020, -0.6620



212.8600, 38.7410, 8.2530



201.1580, -39.1520, -17.3280

Square

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



212.8600, 38.7410, 8.2530



206.1180, 1.8830, -17.6130



201.8830, -48.3230, -10.8110



213.2840, -3.0750, 17.1890

Rectangle

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



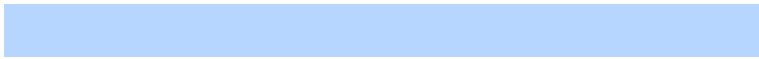
212.8600, 38.7410, 8.2530



209.4910, 25.9980, -8.6100



201.8830, -48.3230, -10.8110



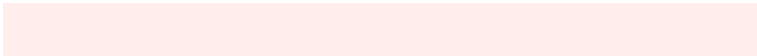
208.5190, -31.9580, 6.4900

Sweetspot

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



212.8600, 38.7410, 8.2530



242.7410, 11.0950, 2.6710



211.9550, 23.3770, 33.4010



120.0610, 7.1980, 1.7100



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.



212.8600, 38.7410, 8.2530



204.9210, 45.9390, 9.9630



232.8180, 29.3910, -9.5290



120.0610, 7.1980, 1.7100



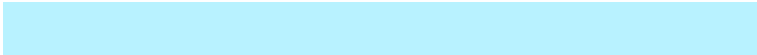
77.6540, 104.2110, 22.1870



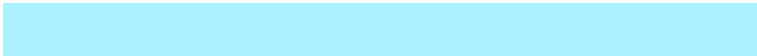
26.1800, 34.8440, 7.2920

Inverse Universe

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



226.1400, -38.7410, -8.2530



221.0790, -45.9390, -9.9630



206.1820, -29.3910, 9.5290



122.3520, -6.9230, -1.1870



113.3460, -104.2110, -22.1870



37.8200, -34.8440, -7.2920

Previews

White Background



This preview shows how the YIQ color 212.8600, 38.7410, 8.2530 looks on a white background.

Color Contrast Check

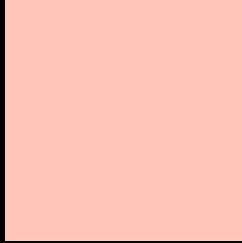
Large Text (above 18pt) WCAG AA × Fail

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 212.8600, 38.7410, 8.2530 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 212.8600, 38.7410, 8.2530

Background



This preview shows how black text looks on a background with the YIQ color 212.8600, 38.7410, 8.2530.



This preview shows how white text looks on a background with the YIQ color 212.8600, 38.7410,

8.2530.

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

212.8600, 38.7410, 8.2530

Protanopia

210.5250, 11.4630, -4.0010

Deuteranopia

212.0820, 29.0680, 1.8360



Tritanopia

214.4220, 31.5870, 16.7630

Trichromacy



Original Color

212.8600, 38.7410, 8.2530

Protanomaly

211.1350, 21.5490, 0.4370

Deuteranomaly

212.4030, 32.5980, 3.9420

Tritanomaly

213.9830, 34.2010, 13.4410

Monochromacy



Original Color

212.8600, 38.7410, 8.2530

Achromatopsia

213.0000, -0.0000, 0.0000

Achromatomaly

212.7090, 14.1210, 2.8970

CSS Examples

Text

The CSS property to change the color of the text to YIQ 212.8600, 38.7410, 8.2530 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(255, 197, 184)` looks like.

```
.text, #text, p{  
    color:rgb(255, 197, 184)  
}
```

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(255, 197, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 197, 184) }
```

Border

The CSS property to change the border of an element to YIQ 212.8600, 38.7410, 8.2530 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(255, 197, 184) }
```


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

```
.border{ border-color:rgb(255, 197, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 197, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 197, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 197, 184);  
box-shadow:4px 4px 4px 4px rgb(255, 197,  
184) }
```

Background

The CSS property to change the background color of an element to YIQ 212.8600, 38.7410, 8.2530 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 197, 184) }
```

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

```
.background{ background-color: rgb(255,  
197, 184) }
```

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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