

Converting Colors

YIQ(212.8430, 37.4110, 10.3310)

Have a look what the booklet for
YIQ(212.8430, 37.4110, 10.3310)
contains.

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Color

**YIQ(212.8430, 37.4110,
10.3310)**

Conversions

Conversions Part 1

Format	Color
Hex	FFC4BD
RGB	255, 196, 189
RGB Percent	100%, 77%, 74%
CMY	0.0000, 0.2314, 0.2587
CMYK	0.00, 0.23, 0.26, 0.00
HSL	6°, 100%, 87%
HSV	6°, 26%, 100%
XYZ	70.1639, 64.4045, 56.8997
YIQ	212.8430, 37.4110, 10.3310

Conversions

Conversions Part 2

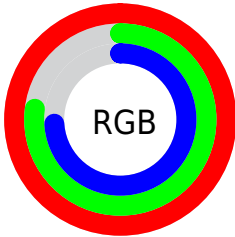
Format	Color
R _Y B	255, 197, 189
Decimal	16762045
CIE Lab	84.18, 20.09, 11.62
CIE LCh	84, 23.212, 30.048
Yxy	64.4045, 0.3665, 0.3364
Android (android.graphics.Color)	4294952125 (0xFFFFC4BD)
YUV	212.8430, -11.7546, 36.9717
Hunter-Lab	80.2524, 15.6191, 14.1395

Details

The YIQ color $212.8430, 37.4110, 10.3310$ is a light color, and the websafe version is hex FFCCCC . A complement of this color would be $231.1570, -37.4110, -10.3310$, and the grayscale version is $213.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $252.6860, 3.7600, -2.0640$, and $157.7610, 34.7060, 9.7940$ is the 20% darker color. If you saturate the color by 10%, you get $196.4920, 51.7610, 14.5850$, and if you desaturate by 10%, it is $229.3080, 22.7400, 6.3880$.

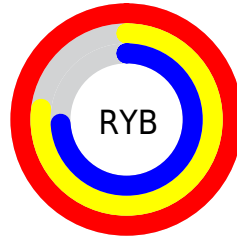
Distribution



Red (100%)

Green (77%)

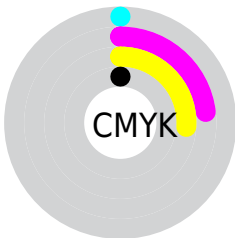
Blue (74%)



Red (100%)

Yellow (77%)

Blue (74%)

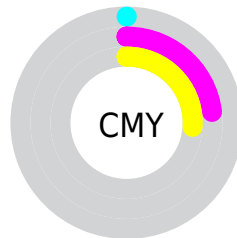


Cyan (0%)

Magenta (23%)

Yellow (26%)

Black (0%)



Cyan (0%)


Magenta (23%)


Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 212.8430, 37.4110, 10.3310 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 212.8430, 37.4110, 10.3310 by changing the saturation by 10% instead.


 212.8430, 37.4110,
10.3310


 212.8430, 37.4110,
10.3310


255.0000, -0.0000,
-0.0000


 185.2450, 36.2190,
9.9070


 252.6860, 3.7600,
-2.0640

 157.7610, 34.7060,
9.7940

 131.1630, 33.5140,
9.3700

 105.6790, 32.0010,
9.2570

 80.8960, 29.8920,
8.9320

 57.7000, 27.5080,
8.0840

 35.0310, 25.0780,

8.0700

■ 12.5580, 25.0320,
8.9040

■ 0.0000, 0.0000,
0.0000

■ 212.8430, 37.4110,
10.3310

■ 212.8430, 37.4110,
10.3310

■ 196.4920, 51.7610,
14.5850

■ 229.3080, 22.7400,
6.3880

■ 180.0270, 66.4320,
18.5280

■ 245.6590, 8.3900,
2.1340

■ 164.2630, 80.5070,
22.2590

255.0000, -0.0000,
-0.0000

■ 147.7980, 95.1780,
26.2020

■ 131.4470,
109.5280, 30.4560

■ 114.9820,
124.1990, 34.3990

■ 98.6310, 138.5490,
38.6530

■ 92.0940, 144.5550,
39.9390

Harmonies

Analogous

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



214.1660, 29.4320, 17.2720



212.8430, 37.4110, 10.3310



210.9640, 35.2120, 0.6200

Triad

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



212.8430, 37.4110, 10.3310



203.7940, -14.7600, -18.8560



208.6010, -29.2530, 7.0270

Complementary

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



212.8430, 37.4110, 10.3310



231.1570, -37.4110, -10.3310

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.



203.9640, -43.8770, -3.2770



212.8430, 37.4110, 10.3310



201.9690, -34.2460, -18.1340

Square

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



212.8430, 37.4110, 10.3310



206.5100, 6.6510, -15.9170



201.4980, -45.8010, -12.4650



212.0060, -8.1640, 15.8040

Rectangle

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



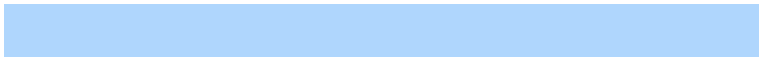
212.8430, 37.4110, 10.3310



209.9260, 29.2070, -6.1930



201.4980, -45.8010, -12.4650



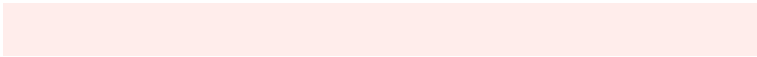
206.7850, -35.7630, 3.8610

Sweetspot

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



212.8430, 37.4110, 10.3310



242.1540, 11.3700, 3.1940



215.4600, 20.3970, 32.3410



119.4740, 7.4730, 2.2330



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.



212.8430, 37.4110, 10.3310



204.3170, 44.8840, 12.5640



232.2140, 28.3360, -6.9280



119.4740, 7.4730, 2.2330



68.8490, 108.3360, 30.0320



23.2450, 36.2190, 9.9070

Inverse Universe

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



231.1570, -37.4110, -10.3310



226.6830, -44.8840, -12.5640



211.7860, -28.3360, 6.9280



122.9390, -7.1980, -1.7100



122.1510, -108.3360, -30.0320



40.7550, -36.2190, -9.9070

Previews

White Background



This preview shows how the YIQ color 212.8430, 37.4110, 10.3310 looks on a white background.

Color Contrast Check

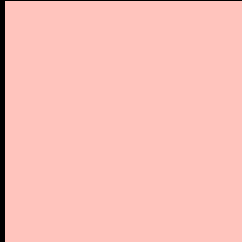
Large Text (above 18pt) WCAG AA × Fail

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 212.8430, 37.4110, 10.3310 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

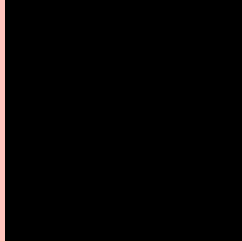
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 212.8430, 37.4110, 10.3310

Background



This preview shows how black text looks on a background with the YIQ color 212.8430, 37.4110, 10.3310.



This preview shows how white text looks on a background with the YIQ color 212.8430, 37.4110,

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

212.8430, 37.4110, 10.3310

Protanopia

210.4970, 8.6660, -2.8700

Deuteranopia

212.0540, 26.2710, 2.9670



Tritanopia

213.8350, 31.8620, 17.2860

Trichromacy



Original Color

212.8430, 37.4110, 10.3310

Protanomaly

211.4060, 19.3480, 1.7800

Deuteranomaly

212.0870, 30.6720, 5.8080

Tritanomaly

213.6240, 33.8340, 14.5860

Monochromacy



Original Color

212.8430, 37.4110, 10.3310

Achromatopsia

213.0000, -0.0000, 0.0000

Achromatomaly

212.9370, 13.4790, 3.5190

CSS Examples

Text

The CSS property to change the color of the text to YIQ 212.8430, 37.4110, 10.3310 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, 196, 189)` looks like.

```
.text, #text, p{  
    color:rgb(255, 196, 189)  
}
```

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, 196, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 196, 189) }
```

Border

The CSS property to change the border of an element to YIQ 212.8430, 37.4110, 10.3310 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, 196, 189) }
```


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

```
.border{ border-color:rgb(255, 196, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 196, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 196, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 196, 189);  
box-shadow:4px 4px 4px 4px rgb(255, 196,  
189) }
```

Background

The CSS property to change the background color of an element to YIQ 212.8430, 37.4110, 10.3310 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 196, 189) }
```

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

```
.background{ background-color: rgb(255,  
196, 189) }
```

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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