

# Converting Colors

YIQ(210.4170, 29.9830, 12.7910)

Have a look what the booklet for  
YIQ(210.4170, 29.9830, 12.7910)  
contains.

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# Color

**YIQ(210.4170, 29.9830,  
12.7910)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F7C2C7
RGB	247, 194, 199
RGB Percent	97%, 76%, 78%
CMY	0.0312, 0.2393, 0.2195
CMYK	0.00, 0.21, 0.19, 0.03
HSL	354°, 77%, 86%
HSV	354°, 21%, 97%
XYZ	67.9684, 62.4787, 62.5280
YIQ	210.4170, 29.9830, 12.7910

# Conversions

## Conversions Part 2

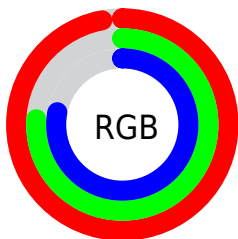
Format	Color
R <sub>Y</sub> B	247, 194, 199
Decimal	16237255
CIE Lab	83.17, 19.68, 4.74
CIE LCh	83, 20.239, 13.540
Yxy	62.4787, 0.3522, 0.3238
Android (android.graphics.Color)	4294427335 (0xFFF7C2C7)
YUV	210.4170, -5.6286, 32.0833
Hunter-Lab	79.0435, 15.1637, 8.4286

# Details

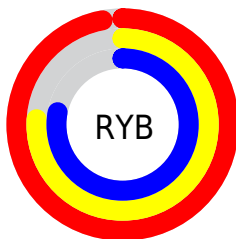
The YIQ color **210.4170, 29.9830, 12.7910** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **230.5830, -29.9830, -12.7910**, and the grayscale version is **210.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **252.6520, 1.1000, 2.0920**, and **155.5200, 28.1950, 12.1550** is the 20% darker color. If you saturate the color by 10%, you get **193.2340, 43.9200, 19.0240**, and if you desaturate by 10%, it is **227.6000, 16.0460, 6.5580**.

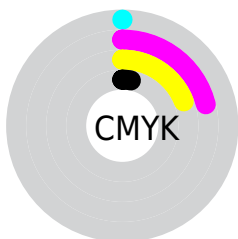
# Distribution



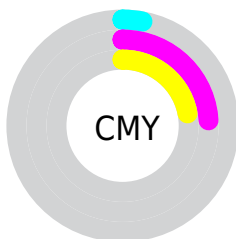
- Red (97%)
- Green (76%)
- Blue (78%)



- Red (97%)
- Yellow (76%)
- Blue (78%)



- Cyan (0%)
- Magenta (21%)
- Yellow (19%)
- Black (3%)




- Cyan (3%)
- Magenta (24%)
- Yellow (22%)


# Brightness & Saturation Gradients

These gradients show how the YIQ color 210.4170, 29.9830, 12.7910 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 210.4170, 29.9830, 12.7910 by changing the saturation by 10% instead.





 210.4170, 29.9830,  
12.7910


 210.4170, 29.9830,  
12.7910

255.0000, -0.0000,  
-0.0000


 182.8190, 28.7910,  
12.3670


 252.6520, 1.1000,  
2.0920

 155.5200, 28.1950,  
12.1550

 129.0360, 26.6820,  
12.0420

 104.3240, 25.8110,  
11.3070

 79.4270, 24.0230,  
10.6710

 55.9430, 22.5100,  
10.5580

 33.4590, 20.9970,

10.4450

■ 11.7750, 22.9230,  
8.5790

■ 0.0000, 0.0000,  
0.0000

■ 210.4170, 29.9830,  
12.7910

■ 210.4170, 29.9830,  
12.7910

■ 193.2340, 43.9200,  
19.0240

■ 227.6000, 16.0460,  
6.5580

■ 176.5240, 57.9030,  
24.4230

■ 244.3100, 2.0630,  
1.1590

■ 159.3410, 71.8400,  
30.6560

■ 252.6080, -4.7680,  
-1.6960

■ 142.1580, 85.7770,  
36.8890

■ 124.8610,  
100.0350, 42.8110

■ 108.2650,  
113.6970, 48.5210

■ 91.0820, 127.6340,  
54.7540

■ 76.5890, 139.5080,  
59.8280

# Harmonies

## Analogous

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



210.7780, 18.8410, 16.4810



210.4170, 29.9830, 12.7910



209.3430, 32.8270, 5.2990

# Triad

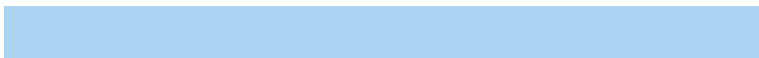
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



210.4170, 29.9830, 12.7910



203.1330, -2.4730, -15.7610



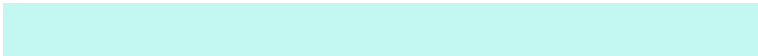
203.8730, -33.1950, 1.3730

# Complementary

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



210.4170, 29.9830, 12.7910



230.5830, -29.9830, -12.7910

# 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.



200.5960, -40.0250, -7.0090



210.4170, 29.9830, 12.7910



200.8520, -20.6750, -16.2830

# Square

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



210.4170, 29.9830, 12.7910



205.7500, 14.9030, -11.2810



199.7180, -34.7970, -13.6530



207.6410, -17.5620, 9.9100



# Rectangle

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



210.4170, 29.9830, 12.7910



208.0990, 30.3980, -0.2420



199.7180, -34.7970, -13.6530



203.0250, -36.6790, -1.5670

# Sweetspot

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



210.4170, 29.9830, 12.7910



244.5990, 8.6190, 3.4910



214.3940, 11.5950, 26.6590



121.6910, 5.3640, 1.9080



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.



210.4170, 29.9830, 12.7910



209.4180, 37.4100, 15.8580



222.1740, 25.8130, 0.2530



113.7020, 6.8310, 2.8550



57.6660, 105.0780, 45.0300



18.3250, 33.2380, 14.3740



# Inverse Universe

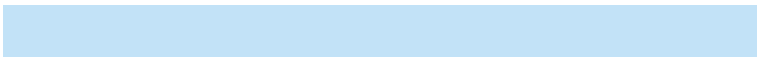
The Inverse Universe completely reimagines the original color for something new.



210.4170, 29.9830, 12.7910



209.4180, 37.4100, 15.8580



218.8260, -25.8130, -0.2530



113.7020, 6.8310, 2.8550



57.6660, 105.0780, 45.0300



18.3250, 33.2380, 14.3740



# Previews

## White Background



This preview shows how the YIQ color 210.4170, 29.9830, 12.7910 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

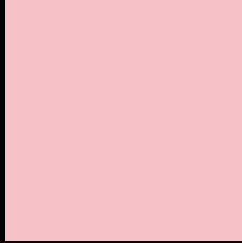
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YIQ color 210.4170, 29.9830, 12.7910 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

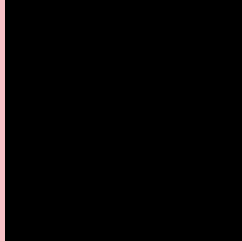
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# YIQ 210.4170, 29.9830, 12.7910

## Background



This preview shows how black text looks on a background with the YIQ color 210.4170, 29.9830, 12.7910.



This preview shows how white text looks on a background with the YIQ color 210.4170, 29.9830,

12.7910.

# 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

210.4170, 29.9830, 12.7910

### Protanopia

207.4950, 2.9800, 1.0600

### Deuteranopia

209.0410, 19.1180, 5.9500



## Tritanopia

211.1550, 27.9650, 16.3250

# Trichromacy



## Original Color

210.4170, 29.9830, 12.7910

## Protanomaly

208.6920, 12.7910, 4.9750

## Deuteranomaly

209.6610, 23.2440, 8.2680

## Tritanomaly

210.8130, 28.9280, 15.3920

# Monochromacy



## Original Color

210.4170, 29.9830, 12.7910

## Achromatopsia

210.0000, 0.0000, 0.0000

## Achromatomaly

209.9090, 10.6820, 4.6500

# CSS Examples

## Text

The CSS property to change the color of the text to YIQ 210.4170, 29.9830, 12.7910 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(247, 194, 199)` looks like.

```
.text, #text, p{  
    color:rgb(247, 194, 199)  
}
```

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(247, 194, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 194, 199) }
```

## Border

The CSS property to change the border of an element to YIQ 210.4170, 29.9830, 12.7910 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(247, 194, 199) }
```



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

```
.border{ border-color:rgb(247, 194, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 194, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 194, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 194, 199);  
box-shadow:4px 4px 4px 4px rgb(247, 194,  
199) }
```

# Background

The CSS property to change the background color of an element to YIQ 210.4170, 29.9830, 12.7910 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 194, 199) }
```

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

```
.background{ background-color: rgb(247,  
194, 199) }
```

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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