

Converting Colors

YIQ(208.4170, 29.9830, 12.7910)

Have a look what the booklet for
YIQ(208.4170, 29.9830, 12.7910)
contains.

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Color

**YIQ(208.4170, 29.9830,
12.7910)**

Conversions

Conversions Part 1

Format	Color
Hex	F5C0C5
RGB	245, 192, 197
RGB Percent	96%, 75%, 77%
CMY	0.0391, 0.2471, 0.2273
CMYK	0.00, 0.22, 0.20, 0.04
HSL	354°, 73%, 86%
HSV	354°, 22%, 96%
XYZ	66.5938, 61.1405, 61.1324
YIQ	208.4170, 29.9830, 12.7910

Conversions

Conversions Part 2

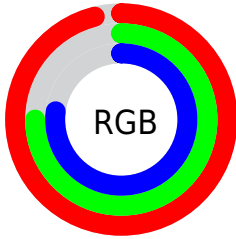
Format	Color
R _Y B	245, 192, 197
Decimal	16105669
CIE Lab	82.45, 19.72, 4.76
CIE LCh	82, 20.281, 13.559
Yxy	61.1405, 0.3526, 0.3237
Android (android.graphics.Color)	4294295749 (0xFFFF5C0C5)
YUV	208.4170, -5.6286, 32.0833
Hunter-Lab	78.1924, 15.1859, 8.3805

Details

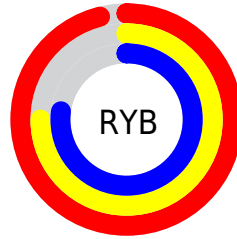
The YIQ color **208.4170, 29.9830, 12.7910** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **228.5830, -29.9830, -12.7910**, and the grayscale version is **208.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **251.3640, 1.9710, 2.8270**, and **153.5200, 28.1950, 12.1550** is the 20% darker color. If you saturate the color by 10%, you get **191.2340, 43.9200, 19.0240**, and if you desaturate by 10%, it is **225.0130, 16.3210, 7.0810**.

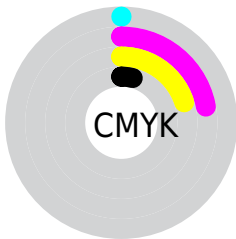
Distribution



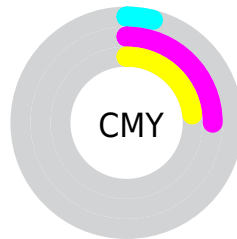
- Red (96%)
- Green (75%)
- Blue (77%)



- Red (96%)
- Yellow (75%)
- Blue (77%)



- Cyan (0%)
- Magenta (22%)
- Yellow (20%)
- Black (4%)





- Cyan (4%)
- Magenta (25%)
- Yellow (23%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 208.4170, 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 208.4170, 29.9830, 12.7910 by changing the saturation by 10% instead.

 208.4170, 29.9830,
12.7910


 208.4170, 29.9830,
12.7910

255.0000, -0.0000,
-0.0000


 180.8190, 28.7910,
12.3670


 251.3640, 1.9710,
2.8270

 153.5200, 28.1950,
12.1550

 127.9220, 27.0030,
11.7310

 102.3240, 25.8110,
11.3070

 77.8400, 24.2980,
11.1940

 53.9430, 22.5100,
10.5580

 32.1600, 20.4010,

10.2330

■ 11.3620, 22.6480,
8.0560

■ 0.0000, 0.0000,
0.0000

■ 208.4170, 29.9830,
12.7910

■ 208.4170, 29.9830,
12.7910

■ 191.2340, 43.9200,
19.0240

■ 225.0130, 16.3210,
7.0810

■ 174.6380, 57.5820,
24.7340

■ 242.1960, 2.3840,
0.8480

■ 157.4550, 71.5190,
30.9670

■ 252.0100, -5.9600,
-2.1200

■ 140.7450, 85.5020,
36.3660

■ 123.5620, 99.4390,
42.5990

■ 106.9660,
113.1010, 48.3090

■ 89.7830, 127.0380,
54.5420

■ 75.8770, 138.6370,
59.0930

Harmonies

Analogous

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



208.7780, 18.8410, 16.4810



208.4170, 29.9830, 12.7910



207.3430, 32.8270, 5.2990

Triad

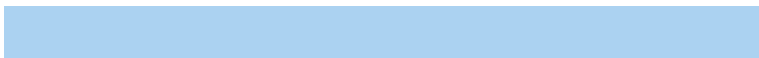
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



208.4170, 29.9830, 12.7910



201.1330, -2.4730, -15.7610



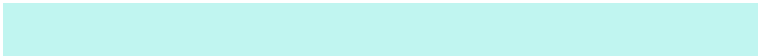
201.8730, -33.1950, 1.3730

Complementary

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



208.4170, 29.9830, 12.7910



228.5830, -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.



198.5960, -40.0250, -7.0090



208.4170, 29.9830, 12.7910



198.8520, -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.



208.4170, 29.9830, 12.7910



203.7500, 14.9030, -11.2810



197.7180, -34.7970, -13.6530



205.6410, -17.5620, 9.9100

Rectangle

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



208.4170, 29.9830, 12.7910



206.0990, 30.3980, -0.2420



197.7180, -34.7970, -13.6530



201.0250, -36.6790, -1.5670

Sweetspot

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



208.4170, 29.9830, 12.7910



244.5990, 8.6190, 3.4910



212.3940, 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.



208.4170, 29.9830, 12.7910



209.4180, 37.4100, 15.8580



220.1740, 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.



208.4170, 29.9830, 12.7910



209.4180, 37.4100, 15.8580



216.8260, -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 208.4170, 29.9830, 12.7910 looks on a white background.

Color Contrast Check

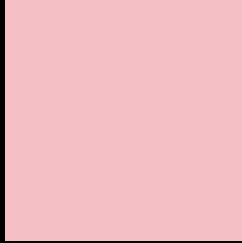
Large Text (above 18pt) WCAG AA × Fail

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 208.4170, 29.9830, 12.7910 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

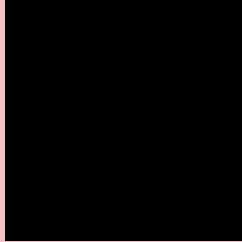
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 208.4170, 29.9830, 12.7910

Background



This preview shows how black text looks on a background with the YIQ color 208.4170, 29.9830, 12.7910.



This preview shows how white text looks on a background with the YIQ color 208.4170, 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

208.4170, 29.9830, 12.7910

Protanopia

205.4950, 2.9800, 1.0600

Deuteranopia

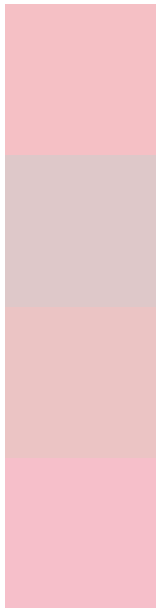
207.6280, 18.8430, 5.4270



Tritanopia

209.0410, 28.2860, 16.0140

Trichromacy



Original Color

208.4170, 29.9830, 12.7910

Protanomaly

206.6920, 12.7910, 4.9750

Deuteranomaly

207.6610, 23.2440, 8.2680

Tritanomaly

208.6990, 29.2490, 15.0810

Monochromacy



Original Color

208.4170, 29.9830, 12.7910

Achromatopsia

208.0000, -0.0000, -0.0000

Achromatomaly

207.9090, 10.6820, 4.6500

CSS Examples

Text

The CSS property to change the color of the text to YIQ 208.4170, 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(245, 192, 197)` looks like.

```
.text, #text, p{  
    color:rgb(245, 192, 197)  
}
```

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(245, 192, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 192, 197) }
```

Border

The CSS property to change the border of an element to YIQ 208.4170, 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(245, 192, 197) }
```


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

```
.border{ border-color:rgb(245, 192, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 192, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 192, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 192, 197);  
box-shadow:4px 4px 4px 4px rgb(245, 192,  
197) }
```

Background

The CSS property to change the background color of an element to YIQ 208.4170, 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(245, 192, 197) }
```

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

```
.background{ background-color: rgb(245,  
192, 197) }
```

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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