

Converting Colors

YIQ(212.0300, 26.8190, 15.0670)

Have a look what the booklet for
YIQ(212.0300, 26.8190, 15.0670)
contains.

YIQ(212.0300, 26.8190, 15.0670)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(212.0300, 26.8190,
15.0670)**

Conversions

Conversions Part 1

Format	Color
Hex	F7C3D0
RGB	247, 195, 208
RGB Percent	97%, 76%, 82%
CMY	0.0312, 0.2354, 0.1842
CMYK	0.00, 0.21, 0.16, 0.03
HSL	345°, 77%, 87%
HSV	345°, 21%, 97%
XYZ	69.2680, 63.3560, 68.2685
YIQ	212.0300, 26.8190, 15.0670

Conversions

Conversions Part 2

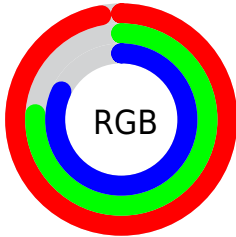
Format	Color
R _Y B	247, 195, 208
Decimal	16237520
CIE Lab	83.63, 20.52, 0.60
CIE LCh	84, 20.526, 1.664
Yxy	63.3560, 0.3448, 0.3154
Android (android.graphics.Color)	4294427600 (0xFFF7C3D0)
YUV	212.0300, -1.9868, 30.6687
Hunter-Lab	79.5965, 16.0440, 4.8656

Details

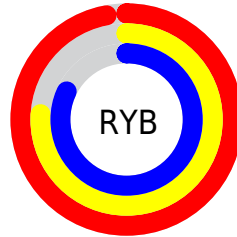
The YIQ color $212.0300, 26.8190, 15.0670$ is a light color, and the websafe version is hex FFCCCC . A complement of this color would be $229.9700, -26.8190, -15.0670$, and the grayscale version is $212.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $253.2390, 0.8250, 1.5690$, and $157.1330, 25.0310, 14.4310$ is the 20% darker color. If you saturate the color by 10%, you get $195.3030, 39.4720, 22.5440$, and if you desaturate by 10%, it is $228.8710, 13.8450, 7.9010$.

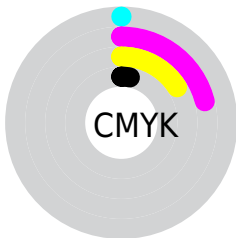
Distribution



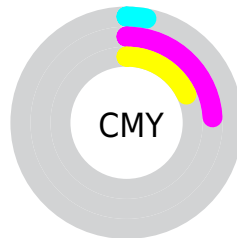
- Red (97%)
- Green (76%)
- Blue (82%)



- Red (97%)
- Yellow (76%)
- Blue (82%)



- Cyan (0%)
- Magenta (21%)
- Yellow (16%)
- Black (3%)





- Cyan (3%)
- Magenta (24%)
- Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 212.0300, 26.8190, 15.0670 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 212.0300, 26.8190, 15.0670 by changing the saturation by 10% instead.


 212.0300, 26.8190,
15.0670

 212.0300, 26.8190,
15.0670


255.0000, -0.0000,
-0.0000


 184.3180, 25.9480,
14.3320


 253.2390, 0.8250,
1.5690

 157.1330, 25.0310,
14.4310

 130.8340, 24.4350,
14.2190

 105.2360, 23.2430,
13.7950

 81.2250, 21.7760,
12.8480

 57.6270, 20.5840,
12.4240

 34.8440, 18.4750,

12.0990

■ 13.1430, 19.0710,
12.3110

■ 0.0000, 0.0000,
0.0000

■ 212.0300, 26.8190,
15.0670

■ 212.0300, 26.8190,
15.0670

■ 195.3030, 39.4720,
22.5440

■ 228.8710, 13.8450,
7.9010

■ 179.0490, 52.1710,
29.1870

■ 245.0110, 1.4670,
0.9470

■ 162.2080, 65.1450,
36.3530

■ 252.6080, -4.7680,
-1.6960

■ 145.4810, 77.7980,
43.8300

■ 128.6400, 90.7720,
50.9960

■ 112.5000,
103.1500, 57.9500

■ 95.6590, 116.1240,
65.1160

■ 80.9210, 127.3100,
71.6460

Harmonies

Analogous

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



212.3690, 12.7430, 16.8630



212.0300, 26.8190, 15.0670



210.7500, 33.2390, 8.8470

Triad

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



212.0300, 26.8190, 15.0670



205.0800, 5.0460, -14.3620



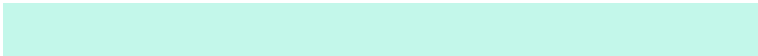
203.4270, -37.8710, -1.9910

Complementary

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



212.0300, 26.8190, 15.0670



229.9700, -26.8190, -15.0670

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.



201.4880, -39.8410, -10.3450



212.0300, 26.8190, 15.0670



203.1470, -14.2560, -16.9760

Square

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



212.0300, 26.8190, 15.0670



207.5660, 21.4130, -8.1150



201.4040, -31.0370, -15.7170



207.6400, -24.9890, 6.8430

Rectangle

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



212.0300, 26.8190, 15.0670



209.8760, 32.6440, 3.1080



201.4040, -31.0370, -15.7170



202.9490, -39.5210, -5.1290

Sweetspot

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



212.0300, 26.8190, 15.0670



244.9410, 7.6560, 4.4240



212.2900, 5.9560, 24.2280



121.9190, 4.7220, 2.5300



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.



212.0300, 26.8190, 15.0670



211.9600, 33.0080, 18.5440



217.5920, 27.6920, 4.7480



113.9300, 6.1890, 3.4770



60.9720, 95.7690, 54.0490



19.3510, 30.3490, 17.1730

Inverse Universe

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



212.0300, 26.8190, 15.0670



211.9600, 33.0080, 18.5440



224.4080, -27.6920, -4.7480



113.9300, 6.1890, 3.4770



60.9720, 95.7690, 54.0490



19.3510, 30.3490, 17.1730

Previews

White Background



This preview shows how the YIQ color 212.0300, 26.8190, 15.0670 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 212.0300, 26.8190, 15.0670 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

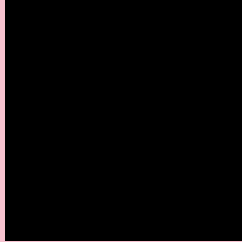
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 212.0300, 26.8190, 15.0670

Background



This preview shows how black text looks on a background with the YIQ color 212.0300, 26.8190, 15.0670.



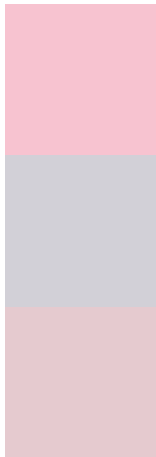
This preview shows how white text looks on a background with the YIQ color 212.0300, 26.8190,

15.0670.

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

212.0300, 26.8190, 15.0670

Protanopia

209.3960, -1.0550, 2.6010

Deuteranopia

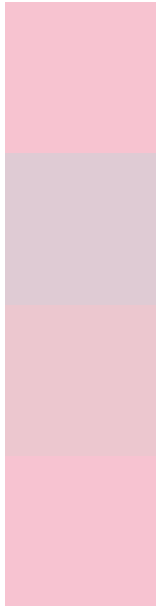
210.6430, 14.4870, 7.2790



Tritanopia

212.2580, 26.1770, 15.6890

Trichromacy



Original Color

212.0300, 26.8190, 15.0670

Protanomaly

210.0060, 9.0310, 7.0390

Deuteranomaly

210.9750, 19.4840, 10.3320

Tritanomaly

212.1440, 26.4980, 15.3780

Monochromacy



Original Color

212.0300, 26.8190, 15.0670

Achromatopsia

212.0000, -0.0000, -0.0000

Achromatomaly

212.2510, 9.7190, 5.5830

CSS Examples

Text

The CSS property to change the color of the text to YIQ 212.0300, 26.8190, 15.0670 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, 195, 208)` looks like.

```
.text, #text, p{  
    color:rgb(247, 195, 208)  
}
```

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, 195, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 195, 208) }
```

Border

The CSS property to change the border of an element to YIQ 212.0300, 26.8190, 15.0670 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, 195, 208) }
```


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

```
.border{ border-color:rgb(247, 195, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 195, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 195, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 195, 208);  
box-shadow:4px 4px 4px 4px rgb(247, 195,  
208) }
```

Background

The CSS property to change the background color of an element to YIQ 212.0300, 26.8190, 15.0670 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 195, 208) }
```

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

```
.background{ background-color: rgb(247,  
195, 208) }
```

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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