

Converting Colors

YIQ(212.5570, 26.7730, 15.9010)

Have a look what the booklet for
YIQ(212.5570, 26.7730, 15.9010)
contains.

YIQ(212.5570, 26.7730, 15.9010)	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(212.5570, 26.7730,
15.9010)**

Conversions

Conversions Part 1

Format	Color
Hex	F8C3D2
RGB	248, 195, 210
RGB Percent	97%, 76%, 82%
CMY	0.0273, 0.2354, 0.1764
CMYK	0.00, 0.21, 0.15, 0.03
HSL	343°, 79%, 87%
HSV	343°, 21%, 97%
XYZ	69.8696, 63.6374, 69.5892
YIQ	212.5570, 26.7730, 15.9010

Conversions

Conversions Part 2

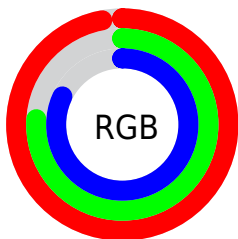
Format	Color
R _Y B	248, 195, 210
Decimal	16303058
CIE Lab	83.78, 21.18, -0.25
CIE LCh	84, 21.183, 359.332
Yxy	63.6374, 0.3440, 0.3133
Android (android.graphics.Color)	4294493138 (0xFFF8C3D2)
YUV	212.5570, -1.2606, 31.0835
Hunter-Lab	79.7730, 16.7374, 4.1201

Details

The YIQ color $212.5570, 26.7730, 15.9010$ is a light color, and the websafe version is hex FFCCCC . A complement of this color would be $230.4430, -26.7730, -15.9010$, and the grayscale version is $213.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $253.2390, 0.8250, 1.5690$, and $157.6600, 24.9850, 15.2650$ is the 20% darker color. If you saturate the color by 10%, you get $195.8300, 39.4260, 23.3780$, and if you desaturate by 10%, it is $229.2840, 14.1200, 8.4240$.

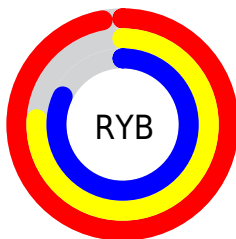
Distribution



Red (97%)

Green (76%)

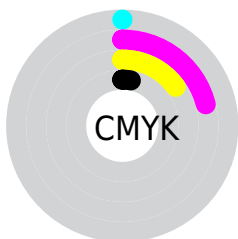
Blue (82%)



Red (97%)

Yellow (76%)

Blue (82%)

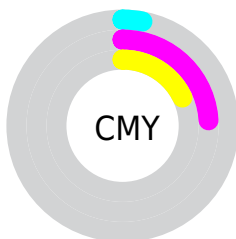


Cyan (0%)

Magenta (21%)

Yellow (15%)

Black (3%)



Cyan (3%)


Magenta (24%)


Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 212.5570, 26.7730, 15.9010 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 212.5570, 26.7730, 15.9010 by changing the saturation by 10% instead.

 212.5570, 26.7730,
15.9010


 212.5570, 26.7730,
15.9010


255.0000, -0.0000,
-0.0000


 184.8450, 25.9020,
15.1660


 253.2390, 0.8250,
1.5690

 157.6600, 24.9850,
15.2650

 131.3610, 24.3890,
15.0530

 105.7630, 23.1970,
14.6290

 81.6380, 22.0510,
13.3710

 58.1540, 20.5380,
13.2580

 35.2570, 18.7500,

12.6220

■ 13.6700, 19.0250,
13.1450

■ 0.0000, 0.0000,
0.0000

■ 212.5570, 26.7730,
15.9010

■ 212.5570, 26.7730,
15.9010

■ 195.8300, 39.4260,
23.3780

■ 229.2840, 14.1200,
8.4240

■ 179.1030, 52.0790,
30.8550

■ 246.0110, 1.4670,
0.9470

■ 163.0770, 64.1360,
38.1200

■ 252.9070, -4.1720,
-1.4840

■ 146.3500, 76.7890,
45.5970

■ 129.6230, 89.4420,
53.0740

■ 112.8960,
102.0950, 60.5510

■ 96.2830, 114.4270,
68.3390

■ 82.1320, 125.3380,
74.3460

Harmonies

Analogous

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



212.7110, 11.7800, 17.7960



212.5570, 26.7730, 15.9010



211.4620, 34.1100, 9.5820

Triad

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



212.5570, 26.7730, 15.9010



206.1510, 6.2840, -14.7720



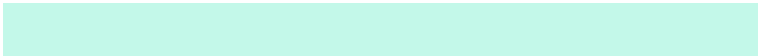
203.4160, -39.3380, -2.9380

Complementary

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



212.5570, 26.7730, 15.9010



230.4430, -26.7730, -15.9010

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.



201.4770, -41.3080, -11.2920



212.5570, 26.7730, 15.9010



203.2180, -13.0180, -17.3860

Square

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



212.5570, 26.7730, 15.9010



208.0500, 22.9260, -8.0020



201.2900, -30.7160, -16.0280



207.7430, -26.7770, 6.2070

Rectangle

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



212.5570, 26.7730, 15.9010



210.7730, 34.4320, 3.7440



201.2900, -30.7160, -16.0280



202.6390, -41.5840, -6.2880

Sweetspot

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



212.5570, 26.7730, 15.9010



244.9410, 7.6560, 4.4240



212.1050, 5.0390, 24.3270



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.



212.5570, 26.7730, 15.9010



210.7860, 33.5580, 19.5900



217.3040, 28.5630, 5.4830



116.3430, 6.4640, 4.0000



62.6670, 95.3100, 56.8620



20.1770, 30.8990, 18.2190

Inverse Universe

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



212.5570, 26.7730, 15.9010



210.7860, 33.5580, 19.5900



225.6960, -28.5630, -5.4830



116.3430, 6.4640, 4.0000



62.6670, 95.3100, 56.8620



20.1770, 30.8990, 18.2190

Previews

White Background



This preview shows how the YIQ color 212.5570, 26.7730, 15.9010 looks on a white background.

Color Contrast Check

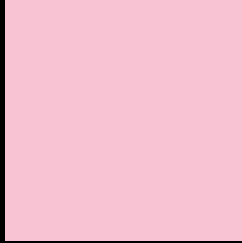
Large Text (above 18pt) WCAG AA × Fail

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 212.5570, 26.7730, 15.9010 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

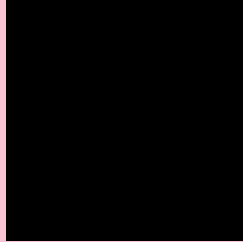
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 212.5570, 26.7730, 15.9010

Background



This preview shows how black text looks on a background with the YIQ color 212.5570, 26.7730, 15.9010.

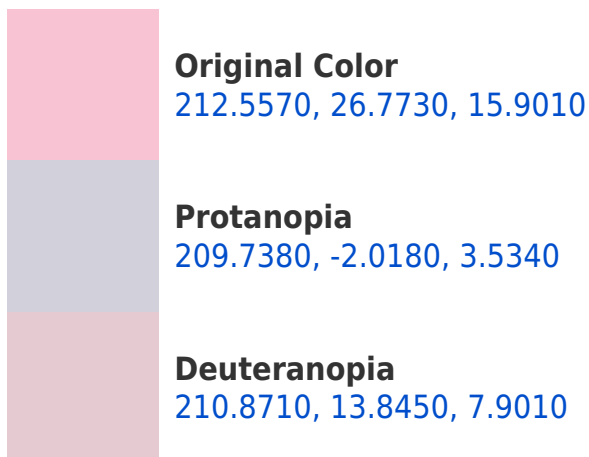


This preview shows how white text looks on a background with the YIQ color 212.5570, 26.7730,

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





Tritanopia

212.5570, 26.7730, 15.9010

Trichromacy



Original Color

212.5570, 26.7730, 15.9010

Protanomaly

210.6470, 8.6640, 8.1840

Deuteranomaly

211.2030, 18.8420, 10.9540

Tritanomaly

212.5570, 26.7730, 15.9010

Monochromacy



Original Color

212.5570, 26.7730, 15.9010

Achromatopsia

213.0000, -0.0000, 0.0000

Achromatomaly

212.6640, 9.9940, 6.1060

CSS Examples

Text

The CSS property to change the color of the text to YIQ 212.5570, 26.7730, 15.9010 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(248, 195, 210)` looks like.

```
.text, #text, p{  
    color:rgb(248, 195, 210)  
}
```

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(248, 195, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 195, 210) }
```

Border

The CSS property to change the border of an element to YIQ 212.5570, 26.7730, 15.9010 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(248, 195, 210) }
```


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

```
.border{ border-color:rgb(248, 195, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(248, 195, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 195, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 195, 210);  
box-shadow:4px 4px 4px 4px rgb(248, 195,  
210) }
```

Background

The CSS property to change the background color of an element to YIQ 212.5570, 26.7730, 15.9010 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 195, 210) }
```

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

```
.background{ background-color: rgb(248,  
195, 210) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor