

Converting Colors

YIQ(212.4930, 32.8250, 16.3530)

Have a look what the booklet for
YIQ(212.4930, 32.8250, 16.3530)
contains.

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Color

**YIQ(212.4930, 32.8250,
16.3530)**

Conversions

Conversions Part 1

Format	Color
Hex	FEC1CC
RGB	254, 193, 204
RGB Percent	100%, 76%, 80%
CMY	0.0038, 0.2432, 0.1999
CMYK	0.00, 0.24, 0.20, 0.00
HSL	349°, 97%, 88%
HSV	349°, 24%, 100%
XYZ	70.8543, 63.5679, 65.6817
YIQ	212.4930, 32.8250, 16.3530

Conversions

Conversions Part 2

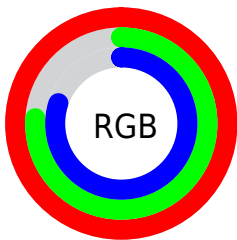
Format	Color
RYB	254, 193, 204
Decimal	16695756
CIELab	83.74, 23.45, 2.98
CIELCh	84, 23.636, 7.236
Yxy	63.5679, 0.3541, 0.3177
Android (android.graphics.Color)	4294885836 (0xFFFECC)
YUV	212.4930, -4.1870, 36.4016
Hunter-Lab	79.7295, 19.1036, 6.9671

Details

The YIQ color $212.4930, 32.8250, 16.3530$ is a light color, and the websafe version is hex FFCCCC . A complement of this color would be $234.5070, -32.8250, -16.3530$, and the grayscale version is $213.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $252.0650, 1.3750, 2.6150$, and $157.2970, 30.4410, 15.5050$ is the 20% darker color. If you saturate the color by 10%, you get $195.4240, 46.4410, 22.8970$, and if you desaturate by 10%, it is $229.5620, 19.2090, 9.8090$.

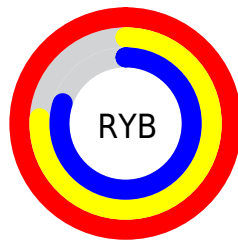
Distribution



Red (100%)

Green (76%)

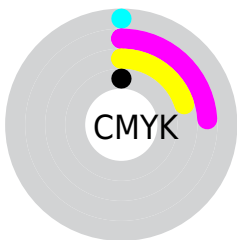
Blue (80%)



Red (100%)

Yellow (76%)

Blue (80%)

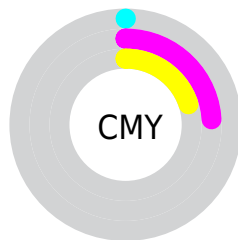


Cyan (0%)

Magenta (24%)

Yellow (20%)

Black (0%)



Cyan (0%)


Magenta (24%)

Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 212.4930, 32.8250, 16.3530 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 212.4930, 32.8250, 16.3530 by changing the saturation by 10% instead.


 212.4930, 32.8250,
16.3530


 212.4930, 32.8250,
16.3530

255.0000, -0.0000,
-0.0000


 184.8950, 31.6330,
15.9290


 252.0650, 1.3750,
2.6150

 157.2970, 30.4410,
15.5050

 130.9980, 29.8450,
15.2930

 105.4000, 28.6530,
14.8690

 80.5030, 26.8650,
14.2330

 57.0190, 25.3520,
14.1200

 34.2360, 23.2430,

13.7950

■ 13.6550, 23.3810,
11.2930

■ 0.0000, 0.0000,
0.0000

■ 212.4930, 32.8250,
16.3530

■ 212.4930, 32.8250,
16.3530

■ 195.4240, 46.4410,
22.8970

■ 229.5620, 19.2090,
9.8090

■ 177.7680, 60.3320,
29.9640

■ 247.2180, 5.3180,
2.7420

■ 160.8130, 73.6270,
36.8190

254.7010, -0.5960,
-0.2120

■ 143.1570, 87.5180,
43.8860

■ 126.0880,
101.1340, 50.4300

■ 109.0190,
114.7500, 56.9740

■ 91.3630, 128.6410,
64.0410

■ 81.1900, 136.6180,
68.1540

Harmonies

Analogous

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



212.5870, 18.0610, 19.6050



212.4930, 32.8250, 16.3530



210.9740, 38.4200, 8.5640

Triad

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



212.4930, 32.8250, 16.3530



204.8190, 1.2870, -17.8250



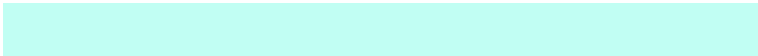
203.9150, -42.1810, -0.9730

Complementary

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



212.4930, 32.8250, 16.3530



234.5070, -32.8250, -16.3530

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.



200.1820, -47.7270, -10.5990



212.4930, 32.8250, 16.3530



202.0430, -19.8950, -19.4070

Square

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



212.4930, 32.8250, 16.3530



207.2730, 20.6800, -11.3520



200.1580, -39.1520, -17.3280



208.3350, -25.4480, 9.6560

Rectangle

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



212.4930, 32.8250, 16.3530



209.9750, 36.6790, 1.5670



200.1580, -39.1520, -17.3280



202.5400, -45.6190, -4.7470

Sweetspot

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



212.4930, 32.8250, 16.3530



242.7240, 9.7650, 4.7490



214.9040, 10.2190, 29.5710



120.5170, 5.9140, 2.9540



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.



212.4930, 32.8250, 16.3530



204.6080, 39.9310, 19.7310



222.3920, 31.1310, 2.9950



119.1150, 7.1060, 3.3780



61.0990, 102.6010, 51.3770



20.5040, 34.2920, 17.3000

Inverse Universe

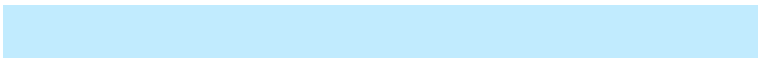
The Inverse Universe completely reimagines the original color for something new.



212.4930, 32.8250, 16.3530



204.6080, 39.9310, 19.7310



224.6080, -31.1310, -2.9950



119.1150, 7.1060, 3.3780



61.0990, 102.6010, 51.3770



20.5040, 34.2920, 17.3000

Previews

White Background



This preview shows how the YIQ color 212.4930, 32.8250, 16.3530 looks on a white background.

Color Contrast Check

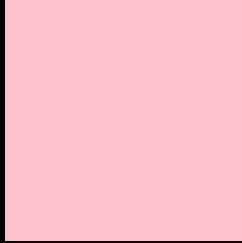
Large Text (above 18pt) WCAG AA × Fail

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 212.4930, 32.8250, 16.3530 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 212.4930, 32.8250, 16.3530

Background



This preview shows how black text looks on a background with the YIQ color 212.4930, 32.8250, 16.3530.

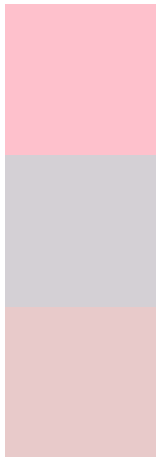


This preview shows how white text looks on a background with the YIQ color 212.4930, 32.8250,

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

212.4930, 32.8250, 16.3530

Protanopia

209.7660, 0.7790, 2.4030

Deuteranopia

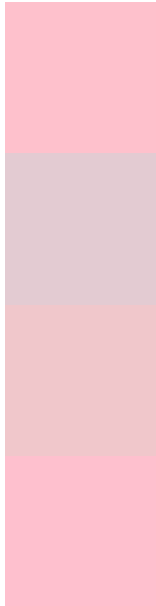
210.9700, 17.8800, 6.3600



Tritanopia

212.2480, 32.1370, 17.8090

Trichromacy



Original Color

212.4930, 32.8250, 16.3530

Protanomaly

210.9740, 12.0570, 7.2650

Deuteranomaly

211.7150, 23.1520, 9.9360

Tritanomaly

212.1340, 32.4580, 17.4980

Monochromacy



Original Color

212.4930, 32.8250, 16.3530

Achromatopsia

212.0000, -0.0000, -0.0000

Achromatomaly

212.0340, 11.8280, 5.9080

CSS Examples

Text

The CSS property to change the color of the text to YIQ 212.4930, 32.8250, 16.3530 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(254, 193, 204)` looks like.

```
.text, #text, p{  
    color:rgb(254, 193, 204)  
}
```

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(254, 193, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 193, 204) }
```

Border

The CSS property to change the border of an element to YIQ 212.4930, 32.8250, 16.3530 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(254, 193, 204) }
```


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

```
.border{ border-color:rgb(254, 193, 204) }
```

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

Here you see how a box with a 4 pixel rgb(254, 193, 204) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 193, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 193, 204);  
box-shadow:4px 4px 4px 4px rgb(254, 193,  
204) }
```

Background

The CSS property to change the background color of an element to YIQ 212.4930, 32.8250, 16.3530 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 193, 204) }
```

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

```
.background{ background-color: rgb(254,  
193, 204) }
```

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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