

Converting Colors

YIQ(212.6950, 43.0990, -4.6530)

Have a look what the booklet for
YIQ(212.6950, 43.0990, -4.6530)
contains.

YIQ(212.6950, 43.0990, -4.6530)	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(212.6950, 43.0990,
-4.6530)**

Conversions

Conversions Part 1

Format	Color
Hex	FBCC9D
RGB	251, 204, 157
RGB Percent	98%, 80%, 62%
CMY	0.0156, 0.2001, 0.3841
CMYK	0.00, 0.19, 0.37, 0.02
HSL	30°, 92%, 80%
HSV	30°, 37%, 98%
XYZ	67.4697, 66.1255, 41.1294
YIQ	212.6950, 43.0990, -4.6530

Conversions

Conversions Part 2

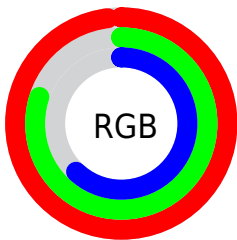
Format	Color
RYB	251, 251, 157
Decimal	16501917
CIELab	85.06, 10.42, 29.67
CIELCh	85, 31.444, 70.646
Yxy	66.1255, 0.3861, 0.3785
Android (android.graphics.Color)	4294691997 (0xFFFBCC9D)
YUV	212.6950, -27.4576, 33.5935
Hunter-Lab	81.3176, 5.7967, 26.9342

Details

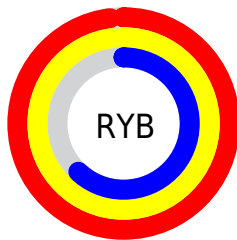
The YIQ color **212.6950, 43.0990, -4.6530** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **195.3050, -43.0990, 4.6530**, and the grayscale version is **213.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **250.0980, 13.8030, -13.3730**, and **157.7270, 40.0730, -4.8790** is the 20% darker color. If you saturate the color by 10%, you get **202.2140, 54.6990, -5.6290**, and if you desaturate by 10%, it is **223.1760, 31.4990, -3.6770**.

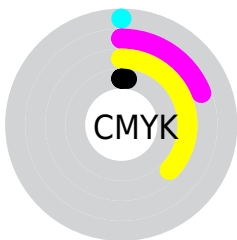
Distribution



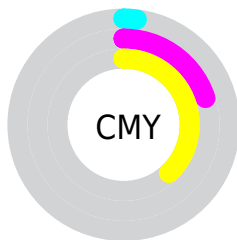
- Red (98%)
- Green (80%)
- Blue (62%)



- Red (98%)
- Yellow (98%)
- Blue (62%)



- Cyan (0%)
- Magenta (19%)
- Yellow (37%)
- Black (2%)



- Cyan (2%)
- Magenta (20%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 212.6950, 43.0990, -4.6530 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 212.6950, 43.0990, -4.6530 by changing the saturation by 10% instead.

212.6950, 43.0990,
-4.6530

212.6950, 43.0990,
-4.6530

255.0000, -0.0000,
-0.0000

185.2110, 41.5860,
-4.7660

250.0980, 13.8030,
-13.3730

157.7270, 40.0730,
-4.8790

253.2900, 4.8150,
-4.6650

131.3570, 38.2390,
-4.6810

105.5740, 36.1300,
-5.0060

80.7910, 34.0210,
-5.3310

57.5950, 31.6370,
-6.1790

36.1370, 27.2350,

-3.4930

■ 16.3350, 18.1100,
2.1900

■ 0.0000, 0.0000,
0.0000

■ 212.6950, 43.0990,
-4.6530

■ 212.6950, 43.0990,
-4.6530

■ 202.2140, 54.6990,
-5.6290

■ 223.1760, 31.4990,
-3.6770

■ 192.3200, 66.0240,
-7.1280

■ 233.0700, 20.1740,
-2.1780

■ 181.8390, 77.6240,
-8.1040

■ 243.5510, 8.5740,
-1.2020

■ 171.9450, 88.9490,
-9.6030

■ 253.2170, -2.1090,
-0.3250

■ 161.4640,
100.5490, -10.5790

■ 253.8040, -2.3840,
-0.8480

■ 151.4560,
112.1950, -12.3890

■ 148.4240,
115.2210, -12.1630

Harmonies

Analogous

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



210.6600, 42.1800, 6.5000



212.6950, 43.0990, -4.6530



209.8510, 24.6240, -16.7520

Triad

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



212.6950, 43.0990, -4.6530



198.3020, -57.3530, -23.3770



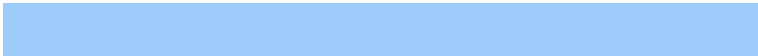
215.8270, -0.0500, 22.9420

Complementary

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



212.6950, 43.0990, -4.6530



195.3050, -43.0990, 4.6530

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.



210.3240, -26.9150, 8.7090



212.6950, 43.0990, -4.6530



198.8250, -68.7710, -14.6830

Square

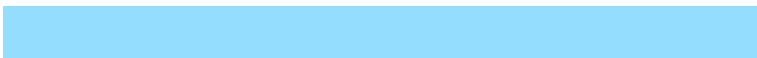
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



212.6950, 43.0990, -4.6530



202.3680, -31.3560, -26.4600



203.3480, -53.8260, -4.6900



216.0980, 24.1120, 25.5840

Rectangle

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



212.6950, 43.0990, -4.6530



207.5930, 7.6150, -22.3770



203.3480, -53.8260, -4.6900



214.5870, -8.3020, 18.3060

Sweetspot

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



212.6950, 43.0990, -4.6530



243.5900, 12.8380, -1.3860



190.6920, 40.2950, 35.1670



120.7790, 7.9320, -0.5800



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.



212.6950, 43.0990, -4.6530



208.4310, 52.5900, -5.9540



239.1100, 30.7240, -28.1880



119.9960, 5.8230, -0.9050



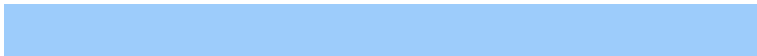
111.6890, 86.7940, -9.0940



36.4360, 27.8310, -3.2810

Inverse Universe

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



195.3050, -43.0990, 4.6530



187.1560, -52.8650, 5.4310



168.8900, -30.7240, 28.1880



117.5910, -6.0980, 0.3820



76.7240, -86.5190, 9.6170



25.1510, -28.1060, 2.7580

Previews

White Background



This preview shows how the YIQ color 212.6950, 43.0990, -4.6530 looks on a white background.

Color Contrast Check

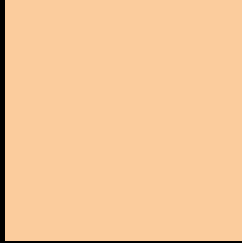
Large Text (above 18pt) WCAG AA × Fail

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 212.6950, 43.0990, -4.6530 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

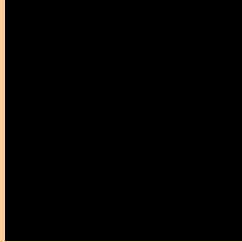
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 212.6950, 43.0990, -4.6530

Background



This preview shows how black text looks on a background with the YIQ color 212.6950, 43.0990, -4.6530.



This preview shows how white text looks on a background with the YIQ color 212.6950, 43.0990,

-4.6530.

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

212.6950, 43.0990, -4.6530

Protanopia

210.9700, 25.9070, -12.4690

Deuteranopia

212.6950, 43.0990, -4.6530



Tritanopia

216.0520, 29.7530, 16.9610

Trichromacy



Original Color

212.6950, 43.0990, -4.6530

Protanomaly

211.4870, 31.8210, -9.5150

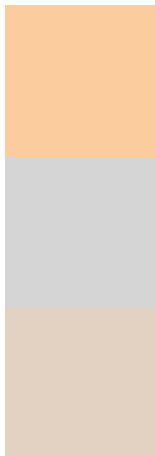
Deuteranomaly

212.6950, 43.0990, -4.6530

Tritanomaly

215.2340, 34.7520, 8.9600

Monochromacy



Original Color

212.6950, 43.0990, -4.6530

Achromatopsia

213.0000, -0.0000, 0.0000

Achromatomaly

213.1450, 15.5890, -1.6830

CSS Examples

Text

The CSS property to change the color of the text to YIQ 212.6950, 43.0990, -4.6530 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(251, 204, 157)` looks like.

```
.text, #text, p{  
    color:rgb(251, 204, 157)  
}
```

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(251, 204, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 204, 157) }
```

Border

The CSS property to change the border of an element to YIQ 212.6950, 43.0990, -4.6530 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(251, 204, 157) }
```


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

```
.border{ border-color:rgb(251, 204, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 204, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(251, 204, 157); -webkit-box-shadow:4px 4px 4px 4px rgb(251, 204, 157); box-shadow:4px 4px 4px 4px rgb(251, 204, 157) }
```

Background

The CSS property to change the background color of an element to YIQ 212.6950, 43.0990, -4.6530 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 204, 157) }
```

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

```
.background{ background-color: rgb(251,  
204, 157) }
```

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