

# Converting Colors

YIQ(210.2520, 51.5360, -8.8800)

Have a look what the booklet for  
YIQ(210.2520, 51.5360, -8.8800)  
contains.

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# Color

**YIQ(210.2520, 51.5360,  
-8.8800)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	FECA8A
RGB	254, 202, 138
RGB Percent	100%, 79%, 54%
CMY	0.0038, 0.2079, 0.4586
CMYK	0.00, 0.20, 0.46, 0.00
HSL	33°, 98%, 77%
HSV	33°, 46%, 100%
XYZ	66.5884, 65.1424, 33.1335
YIQ	210.2520, 51.5360, -8.8800

# Conversions

## Conversions Part 2

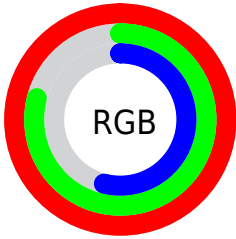
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	232, 254, 138
Decimal	16697994
CIE Lab	84.56, 10.64, 38.85
CIE LCh	85, 40.281, 74.684
Yxy	65.1424, 0.4039, 0.3951
Android (android.graphics.Color)	4294888074 (0xFFFECA8A)
YUV	210.2520, -35.6202, 38.3670
Hunter-Lab	80.7109, 6.0227, 32.1578

# Details

The YIQ color **210.2520, 51.5360, -8.8800** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **181.7480, -51.5360, 8.8800**, and the grayscale version is **211.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **247.8180, 20.2230, -19.5930**, and **155.0990, 47.5930, -9.0070** is the 20% darker color. If you saturate the color by 10%, you get **200.9450, 62.5860, -10.9020**, and if you desaturate by 10%, it is **219.5590, 40.4860, -6.8580**.

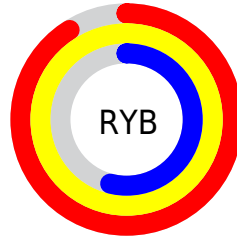
# Distribution



Red (100%)

Green (79%)

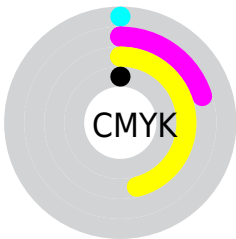
Blue (54%)



Red (91%)

Yellow (100%)

Blue (54%)

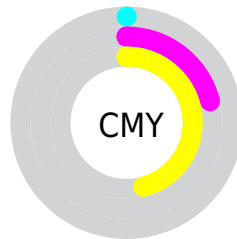


Cyan (0%)

Magenta (20%)

Yellow (46%)

Black (0%)



Cyan (0%)

Magenta (21%)


Yellow (46%)


# Brightness & Saturation Gradients

These gradients show how the YIQ color 210.2520, 51.5360, -8.8800 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 210.2520, 51.5360, -8.8800 by changing the saturation by 10% instead.





 210.2520, 51.5360,  
-8.8800


 210.2520, 51.5360,  
-8.8800


255.0000, -0.0000,  
-0.0000


 182.4690, 49.4270,  
-9.2050


 247.8180, 20.2230,  
-19.5930


 155.0990, 47.5930,  
-9.0070


 251.0100, 11.2350,  
-10.8850

 128.7290, 45.7590,  
-8.8090

 254.3160, 1.9260,  
-1.8660

 102.9460, 43.6500,  
-9.1340

 78.2230, 41.3120,  
-10.8160

 55.3520, 36.6350,  
-8.6530

 34.9520, 26.3180,

-3.3940

■ 14.8620, 18.0640,  
3.0240

■ 0.0000, 0.0000,  
0.0000

■ 210.2520, 51.5360,  
-8.8800

■ 210.2520, 51.5360,  
-8.8800

■ 200.9450, 62.5860,  
-10.9020

■ 219.5590, 40.4860,  
-6.8580

■ 190.9370, 74.2320,  
-12.7120

■ 229.5670, 28.8400,  
-5.0480

■ 181.6300, 85.2820,  
-14.7340

■ 238.8740, 17.7900,  
-3.0260

■ 171.6220, 96.9280,  
-16.5440

■ 248.8820, 6.1440,  
-1.2160

■ 162.3150,  
107.9780, -18.5660

254.7010, -0.5960,  
-0.2120

■ 158.1260,  
112.8840, -19.3720

# Harmonies

## Analogous

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



205.9010, 48.6910, 4.1390



210.2520, 51.5360, -8.8800



207.0050, 26.8260, -23.6220

# Triad

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



210.2520, 51.5360, -8.8800



187.7050, -86.6490, -32.0970



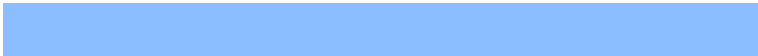
214.9960, 6.9640, 27.9880

# Complementary

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



210.2520, 51.5360, -8.8800



181.7480, -51.5360, 8.8800

# 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.



207.3780, -27.0070, 10.3770



210.2520, 51.5360, -8.8800



186.2280, -98.0670, -23.4030

# Square

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



210.2520, 51.5360, -8.8800



195.2410, -47.3560, -33.8520



196.1830, -66.6630, -8.8310



210.7010, 26.9080, 29.9800



# Rectangle

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



210.2520, 51.5360, -8.8800



203.8820, 5.0030, -30.1090



196.1830, -66.6630, -8.8310



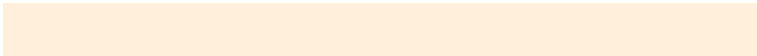
212.8590, -3.0760, 22.7160

# Sweetspot

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



210.2520, 51.5360, -8.8800



241.5040, 15.9560, -2.8280



178.6120, 52.4440, 40.7640



119.6220, 9.8120, -1.6120



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.



210.2520, 51.5360, -8.8800



202.0590, 62.2650, -10.5910



238.9820, 33.6600, -37.3480



122.9960, 5.8230, -0.9050



118.7440, 84.9610, -14.4230

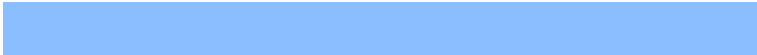


39.6810, 28.5190, -4.7370

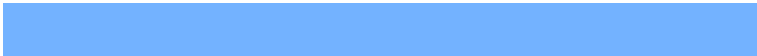


# Inverse Universe

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



181.7480, -51.5360, 8.8800



167.9410, -62.2650, 10.5910



153.0180, -33.6600, 37.3480



119.4170, -5.5480, 1.4280



72.2560, -84.9610, 14.4230



24.3190, -28.5190, 4.7370



# Previews

## White Background



This preview shows how the YIQ color 210.2520, 51.5360, -8.8800 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 210.2520, 51.5360, -8.8800 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

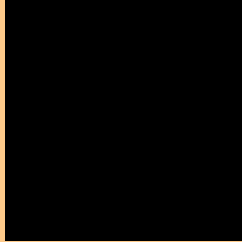
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# YIQ 210.2520, 51.5360, -8.8800

## Background



This preview shows how black text looks on a background with the YIQ color 210.2520, 51.5360, -8.8800.



This preview shows how white text looks on a background with the YIQ color 210.2520, 51.5360,

-8.8800.

# 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**

210.2520, 51.5360, -8.8800

**Protanopia**

208.5160, 32.8770, -17.6430

**Deuteranopia**

210.2520, 51.5360, -8.8800



## Tritanopia

215.0090, 31.3120, 16.2400

# Trichromacy



## Original Color

210.2520, 51.5360, -8.8800

## Protanomaly

209.3320, 39.3870, -14.4770

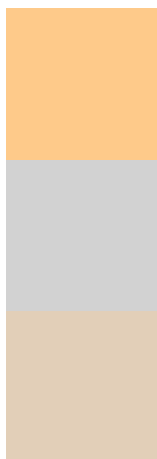
## Deuteranomaly

210.2520, 51.5360, -8.8800

## Tritanomaly

213.3330, 38.7870, 7.4190

# Monochromacy



## Original Color

210.2520, 51.5360, -8.8800

## Achromatopsia

210.0000, 0.0000, 0.0000

## Achromatomaly

210.0590, 18.7070, -3.1250

# CSS Examples

## Text

The CSS property to change the color of the text to YIQ 210.2520, 51.5360, -8.8800 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, 202, 138)` looks like.

```
.text, #text, p{  
    color:rgb(254, 202, 138)  
}
```

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, 202, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 202, 138) }
```

## Border

The CSS property to change the border of an element to YIQ 210.2520, 51.5360, -8.8800 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, 202, 138) }
```



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

```
.border{ border-color:rgb(254, 202, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 202, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 202, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 202, 138);  
box-shadow:4px 4px 4px 4px rgb(254, 202,  
138) }
```

# Background

The CSS property to change the background color of an element to YIQ 210.2520, 51.5360, -8.8800 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 202, 138) }
```

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

```
.background{ background-color: rgb(254,  
202, 138) }
```

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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