

Converting Colors

YIQ(210.1380, 51.8570, -9.1910)

Have a look what the booklet for
YIQ(210.1380, 51.8570, -9.1910)
contains.

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Color

**YIQ(210.1380, 51.8570,
-9.1910)**

Conversions

Conversions Part 1

Format	Color
Hex	FECA89
RGB	254, 202, 137
RGB Percent	100%, 79%, 54%
CMY	0.0038, 0.2079, 0.4625
CMYK	0.00, 0.20, 0.46, 0.00
HSL	33°, 98%, 77%
HSV	33°, 46%, 100%
XYZ	66.5162, 65.1136, 32.7539
YIQ	210.1380, 51.8570, -9.1910

Conversions

Conversions Part 2

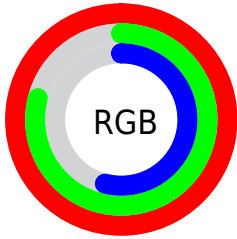
Format	Color
RYB	231, 254, 137
Decimal	16697993
CIELab	84.54, 10.54, 39.34
CIELCh	85, 40.729, 74.997
Yxy	65.1136, 0.4046, 0.3961
Android (android.graphics.Color)	4294888073 (0xFFFECA89)
YUV	210.1380, -36.0570, 38.4670
Hunter-Lab	80.6930, 5.9270, 32.4188

Details

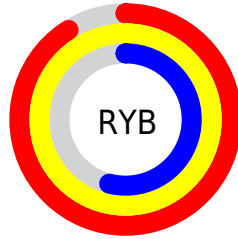
The YIQ color **210.1380, 51.8570, -9.1910** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **180.8620, -51.8570, 9.1910**, and the grayscale version is **210.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **247.7040, 20.5440, -19.9040**, and **154.9850, 47.9140, -9.3180** is the 20% darker color. If you saturate the color by 10%, you get **200.8310, 62.9070, -11.2130**, and if you desaturate by 10%, it is **219.4450, 40.8070, -7.1690**.

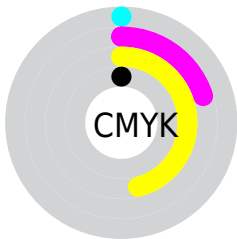
Distribution



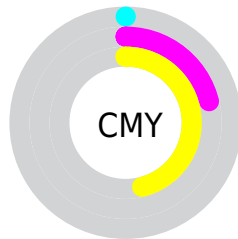
- Red (100%)
- Green (79%)
- Blue (54%)



- 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 210.1380, 51.8570, -9.1910 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 210.1380, 51.8570, -9.1910 by changing the saturation by 10% instead.


 210.1380, 51.8570,
-9.1910


 210.1380, 51.8570,
-9.1910


255.0000, -0.0000,
-0.0000


 182.3550, 49.7480,
-9.5160


 247.7040, 20.5440,
-19.9040


 154.9850, 47.9140,
-9.3180


 250.8960, 11.5560,
-11.1960

 128.3160, 45.4840,
-9.3320

 254.2020, 2.2470,
-2.1770

 102.5330, 43.3750,
-9.6570

 78.1090, 41.6330,
-11.1270

 55.3520, 36.6350,
-8.6530

 34.9520, 26.3180,

-3.3940

■ 14.8620, 18.0640,
3.0240

■ 0.0000, 0.0000,
0.0000

■ 210.1380, 51.8570,
-9.1910

■ 210.1380, 51.8570,
-9.1910

■ 200.8310, 62.9070,
-11.2130

■ 219.4450, 40.8070,
-7.1690

■ 190.8230, 74.5530,
-13.0230

■ 229.4530, 29.1610,
-5.3590

■ 181.5160, 85.6030,
-15.0450

■ 238.7600, 18.1110,
-3.3370

■ 172.0950, 96.9740,
-17.3780

■ 248.1810, 6.7400,
-1.0040

■ 162.2010,
108.2990, -18.8770

254.7010, -0.5960,
-0.2120

■ 158.7130,
112.6090, -19.8950

Harmonies

Analogous

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



205.2000, 49.2870, 4.3510



210.1380, 51.8570, -9.1910



206.8910, 27.1470, -23.9330

Triad

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



210.1380, 51.8570, -9.1910



186.9220, -88.7580, -32.4220



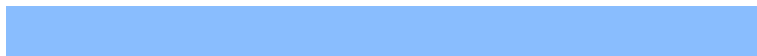
214.7080, 7.8350, 28.7230

Complementary

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



210.1380, 51.8570, -9.1910



180.8620, -51.8570, 9.1910

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



210.1380, 51.8570, -9.1910



185.9180, -100.1300, -24.5620

Square

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



210.1380, 51.8570, -9.1910



194.6430, -48.5480, -34.2760



195.8840, -67.2590, -9.0430



210.7010, 26.9080, 29.9800

Rectangle

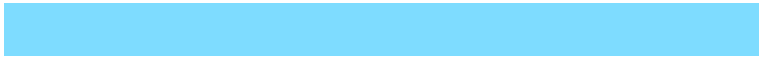
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



210.1380, 51.8570, -9.1910



203.5830, 4.4070, -30.3210



195.8840, -67.2590, -9.0430



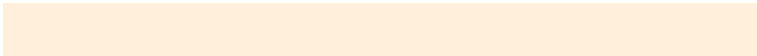
212.8590, -3.0760, 22.7160

Sweetspot

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



210.1380, 51.8570, -9.1910



241.5040, 15.9560, -2.8280



178.0250, 52.7190, 41.2870



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.



210.1380, 51.8570, -9.1910



202.6460, 61.9900, -11.1140



238.8680, 33.9810, -37.6590



122.9960, 5.8230, -0.9050



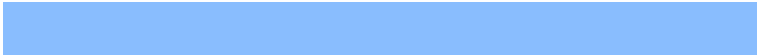
119.3310, 84.6860, -14.9460



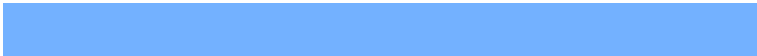
39.6810, 28.5190, -4.7370

Inverse Universe

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



180.8620, -51.8570, 9.1910



167.3540, -61.9900, 11.1140



152.1320, -33.9810, 37.6590



119.4170, -5.5480, 1.4280



71.6690, -84.6860, 14.9460



23.7320, -28.2440, 5.2600

Previews

White Background



This preview shows how the YIQ color 210.1380, 51.8570, -9.1910 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 210.1380, 51.8570, -9.1910 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

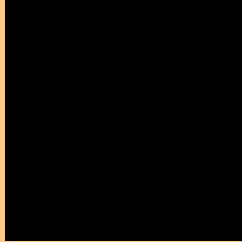
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 210.1380, 51.8570, -9.1910

Background



This preview shows how black text looks on a background with the YIQ color 210.1380, 51.8570, -9.1910.



This preview shows how white text looks on a background with the YIQ color 210.1380, 51.8570, -9.1910.

-9.1910.

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

210.1380, 51.8570, -9.1910

Protanopia

208.4020, 33.1980, -17.9540

Deuteranopia

210.1380, 51.8570, -9.1910



Tritanopia

214.4220, 31.5870, 16.7630

Trichromacy



Original Color

210.1380, 51.8570, -9.1910

Protanomaly

209.2180, 39.7080, -14.7880

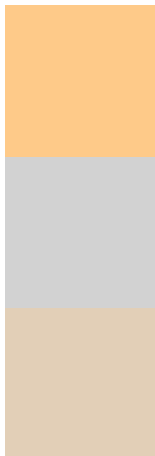
Deuteranomaly

210.1380, 51.8570, -9.1910

Tritanomaly

213.2190, 39.1080, 7.1080

Monochromacy



Original Color

210.1380, 51.8570, -9.1910

Achromatopsia

210.0000, 0.0000, 0.0000

Achromatomaly

209.9450, 19.0280, -3.4360

CSS Examples

Text

The CSS property to change the color of the text to YIQ 210.1380, 51.8570, -9.1910 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, 137)` looks like.

```
.text, #text, p{  
    color:rgb(254, 202, 137)  
}
```

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, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 202, 137) }
```

Border

The CSS property to change the border of an element to YIQ 210.1380, 51.8570, -9.1910 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, 137) }
```


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

```
.border{ border-color:rgb(254, 202, 137) }
```

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, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 202, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 202, 137);  
box-shadow:4px 4px 4px 4px rgb(254, 202,  
137) }
```

Background

The CSS property to change the background color of an element to YIQ 210.1380, 51.8570, -9.1910 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, 137) }
```

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

```
.background{ background-color: rgb(254,  
202, 137) }
```

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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