

Converting Colors

YIQ(210.5510, 52.1320, -8.6680)

Have a look what the booklet for
YIQ(210.5510, 52.1320, -8.6680)
contains.

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Color

**YIQ(210.5510, 52.1320,
-8.6680)**

Conversions

Conversions Part 1

Format	Color
Hex	FFCA8A
RGB	255, 202, 138
RGB Percent	100%, 79%, 54%
CMY	0.0000, 0.2079, 0.4586
CMYK	0.00, 0.21, 0.46, 0.00
HSL	33°, 100%, 77%
HSV	33°, 46%, 100%
XYZ	66.9474, 65.3274, 33.1505
YIQ	210.5510, 52.1320, -8.6680

Conversions

Conversions Part 2

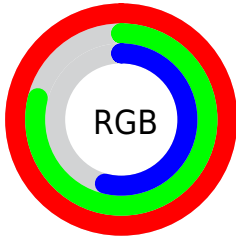
Format	Color
R _Y B	235, 255, 138
Decimal	16763530
CIE Lab	84.65, 11.03, 38.99
CIE LCh	85, 40.521, 74.209
Yxy	65.3274, 0.4047, 0.3949
Android (android.graphics.Color)	4294953610 (0xFFFFCA8A)
YUV	210.5510, -35.7676, 38.9818
Hunter-Lab	80.8254, 6.4067, 32.2600

Details

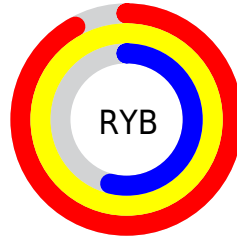
The YIQ color **210.5510, 52.1320, -8.6680** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **182.4490, -52.1320, 8.6680**, and the grayscale version is **211.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **247.8180, 20.2230, -19.5930**, and **155.3980, 48.1890, -8.7950** is the 20% darker color. If you saturate the color by 10%, you get **200.6570, 63.4570, -10.1670**, and if you desaturate by 10%, it is **220.5590, 40.4860, -6.8580**.

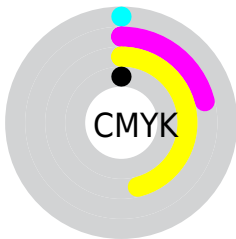
Distribution



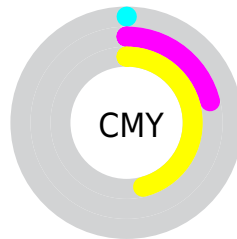
- Red (100%)
- Green (79%)
- Blue (54%)



- Red (92%)
- Yellow (100%)
- Blue (54%)



- Cyan (0%)
- Magenta (21%)
- Yellow (46%)
- Black (0%)





- Cyan (0%)
- Magenta (21%)
- Yellow (46%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 210.5510, 52.1320, -8.6680 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 210.5510, 52.1320, -8.6680 by changing the saturation by 10% instead.


 210.5510, 52.1320,
-8.6680


 210.5510, 52.1320,
-8.6680


255.0000, -0.0000,
-0.0000


 182.7680, 50.0230,
-8.9930


 247.8180, 20.2230,
-19.5930


 155.3980, 48.1890,
-8.7950


 251.0100, 11.2350,
-10.8850

 128.7290, 45.7590,
-8.8090

 254.3160, 1.9260,
-1.8660

 102.9460, 43.6500,
-9.1340

 78.5220, 41.9080,
-10.6040

 55.3520, 36.6350,
-8.6530

 35.2510, 26.9140,

-3.1820

■ 15.1610, 18.6600,
3.2360

■ 0.0000, 0.0000,
0.0000

■ 210.5510, 52.1320,
-8.6680

■ 210.5510, 52.1320,
-8.6680

■ 200.6570, 63.4570,
-10.1670

■ 220.5590, 40.4860,
-6.8580

■ 191.2360, 74.8280,
-12.5000

■ 229.8660, 29.4360,
-4.8360

■ 181.3420, 86.1530,
-13.9990

■ 239.8740, 17.7900,
-3.0260

■ 171.9210, 97.5240,
-16.3320

■ 249.1810, 6.7400,
-1.0040

■ 162.0270,
108.8490, -17.8310

255.0000, -0.0000,
-0.0000

■ 157.8380,
113.7550, -18.6370

Harmonies

Analogous

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



206.0150, 48.3700, 4.4500



210.5510, 52.1320, -8.6680



207.1900, 27.7430, -23.7210

Triad

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



210.5510, 52.1320, -8.6680



187.7050, -86.6490, -32.0970



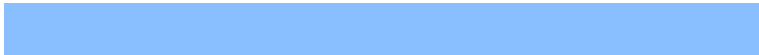
214.9960, 6.9640, 27.9880

Complementary

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



210.5510, 52.1320, -8.6680



182.4490, -52.1320, 8.6680

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.



207.6660, -27.8780, 9.6420



210.5510, 52.1320, -8.6680



186.2170, -99.5340, -24.3500

Square

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



210.5510, 52.1320, -8.6680



196.0130, -46.7140, -34.4740



196.4710, -67.5340, -9.5660



210.8150, 26.5870, 30.2910

Rectangle

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



210.5510, 52.1320, -8.6680



204.1810, 5.5990, -29.8970



196.4710, -67.5340, -9.5660



212.5600, -3.6720, 22.5040

Sweetspot

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



210.5510, 52.1320, -8.6680



241.5040, 15.9560, -2.8280



179.2530, 52.0770, 41.9090



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.



210.5510, 52.1320, -8.6680



201.4720, 62.5400, -10.0680



240.4660, 35.1730, -37.2350



122.9960, 5.8230, -0.9050



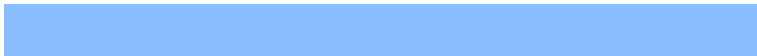
118.7440, 84.9610, -14.4230



39.6810, 28.5190, -4.7370

Inverse Universe

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



182.4490, -52.1320, 8.6680



167.9410, -62.2650, 10.5910



152.5340, -35.1730, 37.2350



120.0040, -5.8230, 0.9050



72.8430, -85.2360, 13.9000



24.3190, -28.5190, 4.7370

Previews

White Background



This preview shows how the YIQ color 210.5510, 52.1320, -8.6680 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 210.5510, 52.1320, -8.6680 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

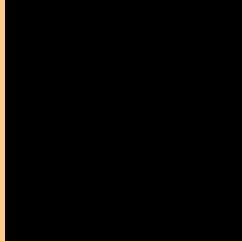
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 210.5510, 52.1320, -8.6680

Background



This preview shows how black text looks on a background with the YIQ color 210.5510, 52.1320, -8.6680.



This preview shows how white text looks on a background with the YIQ color 210.5510, 52.1320, -8.6680.

-8.6680.

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

210.5510, 52.1320, -8.6680

Protanopia

208.5160, 32.8770, -17.6430

Deuteranopia

210.2520, 51.5360, -8.8800



Tritanopia

215.0090, 31.3120, 16.2400

Trichromacy



Original Color

210.5510, 52.1320, -8.6680

Protanomaly

209.3320, 39.3870, -14.4770

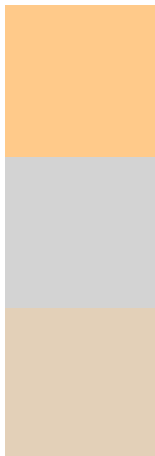
Deuteranomaly

210.2520, 51.5360, -8.8800

Tritanomaly

213.3330, 38.7870, 7.4190

Monochromacy



Original Color

210.5510, 52.1320, -8.6680

Achromatopsia

211.0000, 0.0000, -0.0000

Achromatomaly

210.9450, 19.0280, -3.4360

CSS Examples

Text

The CSS property to change the color of the text to YIQ 210.5510, 52.1320, -8.6680 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(255, 202, 138)` looks like.

```
.text, #text, p{  
    color:rgb(255, 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(255, 202, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 202, 138) }
```

Border

The CSS property to change the border of an element to YIQ 210.5510, 52.1320, -8.6680 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(255, 202, 138) }
```


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

```
.border{ border-color:rgb(255, 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(255, 202, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 202, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 202, 138);  
box-shadow:4px 4px 4px 4px rgb(255, 202,  
138) }
```

Background

The CSS property to change the background color of an element to YIQ 210.5510, 52.1320, -8.6680 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 202, 138) }
```

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

```
.background{ background-color: rgb(255,  
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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