

Converting Colors

YIQ(212.8170, 48.3270,
-11.2970)

Have a look what the booklet for
YIQ(212.8170, 48.3270, -11.2970)
contains.

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Color

**YIQ(212.8170, 48.3270,
-11.2970)**

Conversions

Conversions Part 1

Format	Color
Hex	FCCF8C
RGB	252, 207, 140
RGB Percent	99%, 81%, 55%
CMY	0.0117, 0.1883, 0.4507
CMYK	0.00, 0.18, 0.44, 0.01
HSL	36°, 95%, 77%
HSV	36°, 44%, 99%
XYZ	67.1973, 67.2102, 34.2662
YIQ	212.8170, 48.3270, -11.2970

Conversions

Conversions Part 2

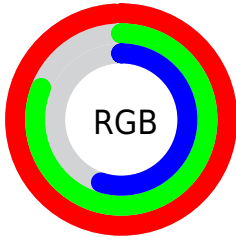
Format	Color
R _Y B	215, 252, 140
Decimal	16568204
CIE Lab	85.61, 7.45, 39.15
CIE LCh	86, 39.853, 79.225
Yxy	67.2102, 0.3984, 0.3985
Android (android.graphics.Color)	4294758284 (0xFFFCF8C)
YUV	212.8170, -35.8988, 34.3635
Hunter-Lab	81.9818, 2.8413, 32.6057

Details

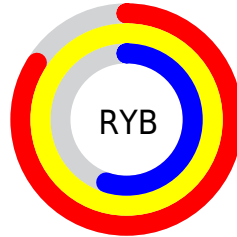
The YIQ color $212.8170, 48.3270, -11.2970$ is a light color, and the websafe version is hex FFCC99 . A complement of this color would be $179.1830, -48.3270, 11.2970$, and the grayscale version is $213.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $248.0460, 19.5810, -18.9710$, and $157.6640, 44.3840, -11.4240$ is the 20% darker color. If you saturate the color by 10%, you get $204.0970, 59.1020, -13.8420$, and if you desaturate by 10%, it is $221.5370, 37.5520, -8.7520$.

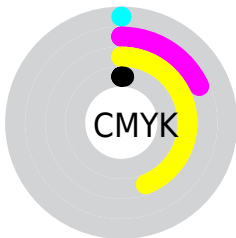
Distribution



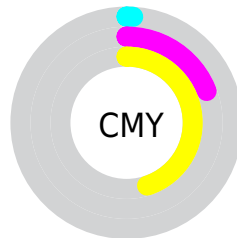
- Red (99%)
- Green (81%)
- Blue (55%)



- Red (84%)
- Yellow (99%)
- Blue (55%)



- Cyan (0%)
- Magenta (18%)
- Yellow (44%)
- Black (1%)



- Cyan (1%)
- Magenta (19%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 212.8170, 48.3270, -11.2970 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 212.8170, 48.3270, -11.2970 by changing the saturation by 10% instead.

212.8170, 48.3270,
-11.2970

212.8170, 48.3270,
-11.2970

255.0000, -0.0000,
-0.0000

185.0340, 46.2180,
-11.6220

248.0460, 19.5810,
-18.9710

157.6640, 44.3840,
-11.4240

251.3520, 10.2720,
-9.9520

131.1800, 42.8710,
-11.5370

254.5440, 1.2840,
-1.2440

105.3970, 40.7620,
-11.8620

80.5000, 38.9740,
-12.4980

57.4010, 34.9390,
-10.9570

37.3000, 25.2180,

-5.4860

■ 17.4980, 16.0930,
0.1970

■ 0.0000, 0.0000,
0.0000

■ 212.8170, 48.3270,
-11.2970

■ 212.8170, 48.3270,
-11.2970

■ 204.0970, 59.1020,
-13.8420

■ 221.5370, 37.5520,
-8.7520

■ 195.3770, 69.8770,
-16.3870

■ 230.2570, 26.7770,
-6.2070

■ 186.5430, 80.9730,
-19.2430

■ 239.0910, 15.6810,
-3.3510

■ 177.2360, 92.0230,
-21.2650

■ 248.3980, 4.6310,
-1.3290

■ 168.5160,
102.7980, -23.8100

254.1030, -1.7880,
-0.6360

■ 163.9850,
108.6670, -25.5490

Harmonies

Analogous

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



208.1350, 47.9120, 1.7360



212.8170, 48.3270, -11.2970



209.0260, 22.3330, -24.7950

Triad

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



212.8170, 48.3270, -11.2970



190.3890, -88.5750, -30.2310



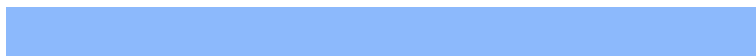
218.2740, 12.0530, 29.3730

Complementary

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



212.8170, 48.3270, -11.2970



179.1830, -48.3270, 11.2970

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.



211.5530, -20.1300, 12.3980



212.8170, 48.3270, -11.2970



190.9900, -91.4650, -21.9050

Square

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



212.8170, 48.3270, -11.2970



197.7180, -53.1330, -33.7810



201.5430, -58.8690, -6.9090



212.1200, 27.0460, 27.4780

Rectangle

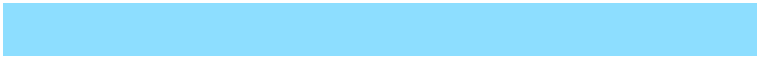
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



212.8170, 48.3270, -11.2970



206.1310, -0.1320, -30.6600



201.5430, -58.8690, -6.9090



216.4360, 2.6090, 24.3130

Sweetspot

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



212.8170, 48.3270, -11.2970



243.6070, 14.1680, -3.4640



178.8460, 51.6650, 38.3610



120.3230, 9.2160, -1.8240



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.



212.8170, 48.3270, -11.2970



207.9120, 58.1850, -13.7430



236.5410, 30.5880, -36.7400



120.5830, 5.5480, -1.4280



122.8420, 81.5690, -19.0310



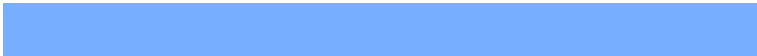
39.9580, 26.1810, -6.4190

Inverse Universe

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



179.1830, -48.3270, 11.2970



167.0880, -58.1850, 13.7430



155.4590, -30.5880, 36.7400



116.4170, -5.5480, 1.4280



66.1580, -81.5690, 19.0310



21.6290, -26.4560, 5.8960

Previews

White Background



This preview shows how the YIQ color 212.8170, 48.3270, -11.2970 looks on a white background.

Color Contrast Check

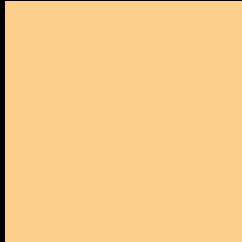
Large Text (above 18pt) WCAG AA × Fail

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 212.8170, 48.3270, -11.2970 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 212.8170, 48.3270, -11.2970

Background



This preview shows how black text looks on a background with the YIQ color 212.8170, 48.3270, -11.2970.



This preview shows how white text looks on a background with the YIQ color 212.8170, 48.3270, -11.2970.

-11.2970.

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

212.8170, 48.3270, -11.2970

Protanopia

211.2880, 33.5190, -18.2650

Deuteranopia

213.2240, 48.7390, -7.7490



Tritanopia

217.9270, 28.6070, 15.7030

Trichromacy



Original Color

212.8170, 48.3270, -11.2970

Protanomaly

211.5060, 38.8370, -15.5230

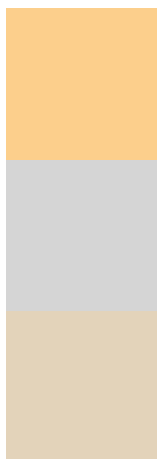
Deuteranomaly

213.2840, 48.5100, -9.1060

Tritanomaly

216.3110, 35.8530, 5.5250

Monochromacy



Original Color

212.8170, 48.3270, -11.2970

Achromatopsia

213.0000, -0.0000, 0.0000

Achromatomaly

212.9340, 17.5610, -4.3830

CSS Examples

Text

The CSS property to change the color of the text to YIQ 212.8170, 48.3270, -11.2970 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(252, 207, 140)` looks like.

```
.text, #text, p{  
    color:rgb(252, 207, 140)  
}
```

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(252, 207, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 207, 140) }
```

Border

The CSS property to change the border of an element to YIQ 212.8170, 48.3270, -11.2970 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(252, 207, 140) }
```


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

```
.border{ border-color:rgb(252, 207, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 207, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 207, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 207, 140);  
box-shadow:4px 4px 4px 4px rgb(252, 207,  
140) }
```

Background

The CSS property to change the background color of an element to YIQ 212.8170, 48.3270, -11.2970 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 207, 140) }
```

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

```
.background{ background-color: rgb(252,  
207, 140) }
```

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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