

Converting Colors

YIQ(219.2250, 46.9980,
-14.7460)

Have a look what the booklet for
YIQ(219.2250, 46.9980, -14.7460)
contains.

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Color

**YIQ(219.2250, 46.9980,
-14.7460)**

Conversions

Conversions Part 1

Format	Color
Hex	FFD88E
RGB	255, 216, 142
RGB Percent	100%, 85%, 56%
CMY	0.0000, 0.1530, 0.4429
CMYK	0.00, 0.15, 0.44, 0.00
HSL	39°, 100%, 78%
HSV	39°, 44%, 100%
XYZ	70.6788, 72.3181, 35.8493
YIQ	219.2250, 46.9980, -14.7460

Conversions

Conversions Part 2

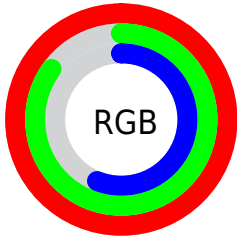
Format	Color
R _Y B	202, 255, 142
Decimal	16767118
CIE Lab	88.12, 4.19, 41.42
CIE LCh	88, 41.628, 84.225
Yxy	72.3181, 0.3952, 0.4044
Android (android.graphics.Color)	4294957198 (0xFFFFD88E)
YUV	219.2250, -38.0719, 31.3747
Hunter-Lab	85.0400, -0.4646, 34.5339

Details

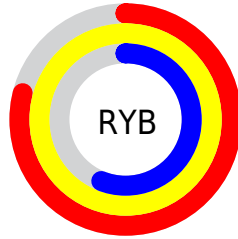
The YIQ color **219.2250, 46.9980, -14.7460** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **177.7750, -46.9980, 14.7460**, and the grayscale version is **220.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **248.3880, 18.6180, -18.0380**, and **163.3710, 43.6510, -14.6610** is the 20% darker color. If you saturate the color by 10%, you get **211.0920, 57.4980, -17.8140**, and if you desaturate by 10%, it is **227.4720, 36.1770, -11.3670**.

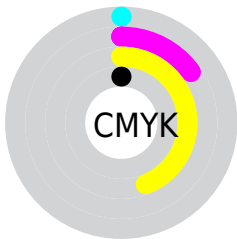
Distribution



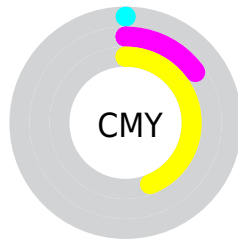
- Red (100%)
- Green (85%)
- Blue (56%)



- Red (79%)
- Yellow (100%)
- Blue (56%)



- Cyan (0%)
- Magenta (15%)
- Yellow (44%)
- Black (0%)



- Cyan (0%)
- Magenta (15%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 219.2250, 46.9980, -14.7460 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 219.2250, 46.9980, -14.7460 by changing the saturation by 10% instead.

219.2250, 46.9980,
-14.7460

219.2250, 46.9980,
-14.7460

255.0000, -0.0000,
-0.0000

190.8550, 45.1640,
-14.5480

248.3880, 18.6180,
-18.0380

163.3710, 43.6510,
-14.6610

251.5800, 9.6300,
-9.3300

137.0010, 41.8170,
-14.4630

254.8860, 0.3210,
-0.3110

111.1040, 40.0290,
-15.0990

86.0930, 38.5620,
-16.0460

62.6950, 33.9310,
-14.7170

42.3060, 25.0810,

-8.5110

■ 23.0910, 15.6810,
-3.3510

■ 0.0000, 0.0000,
0.0000

■ 219.2250, 46.9980,
-14.7460

■ 219.2250, 46.9980,
-14.7460

■ 211.0920, 57.4980,
-17.8140

■ 227.4720, 36.1770,
-11.3670

■ 202.8450, 68.3190,
-21.1930

■ 235.6050, 25.6770,
-8.2990

■ 195.2990, 78.5440,
-24.7840

■ 243.2650, 15.1310,
-4.3970

■ 187.0520, 89.3650,
-28.1630

■ 251.3980, 4.6310,
-1.3290

■ 178.9190, 99.8650, 255.0000, -0.0000,
-31.2310 -0.0000

■ 174.2740,
106.0550, -33.2810

Harmonies

Analogous

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



212.8310, 45.7120, -2.4480



219.2250, 46.9980, -14.7460



215.5800, 17.6570, -28.1590

Triad

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



219.2250, 46.9980, -14.7460



195.0010, -99.1660, -31.0220



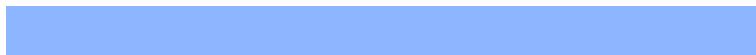
222.7150, 15.1250, 28.7650

Complementary

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



219.2250, 46.9980, -14.7460



177.7750, -46.9980, 14.7460

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.



218.9730, -12.5650, 12.9630



219.2250, 46.9980, -14.7460



196.5940, -90.4100, -24.5060

Square

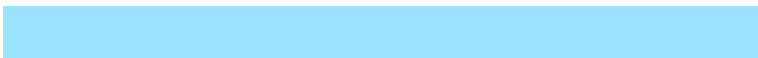
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



219.2250, 46.9980, -14.7460



202.1020, -63.0820, -35.1940



208.3650, -52.4960, -6.7680



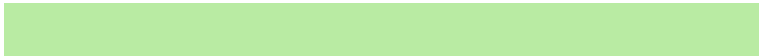
214.5820, 25.6250, 25.6970

Rectangle

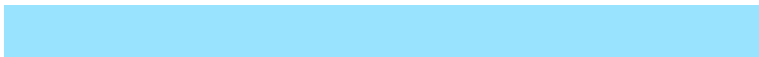
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



219.2250, 46.9980, -14.7460



211.8420, -6.6880, -32.9920



208.3650, -52.4960, -6.7680



223.5680, 11.0450, 25.6130

Sweetspot

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



219.2250, 46.9980, -14.7460



244.7810, 13.6180, -4.5100



180.3470, 54.5080, 36.3960



120.9100, 8.9410, -2.3470



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.



219.2250, 46.9980, -14.7460



212.0210, 56.2600, -17.4040



237.0350, 26.1410, -38.7470



123.5830, 5.5480, -1.4280



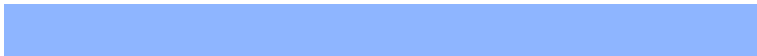
130.4840, 79.4610, -24.8830



43.7900, 26.5940, -8.3980

Inverse Universe

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



177.7750, -46.9980, 14.7460



162.9790, -56.2600, 17.4040



159.9650, -26.1410, 38.7470



118.8300, -5.2730, 1.9510



60.5160, -79.4610, 24.8830



20.2100, -26.5940, 8.3980

Previews

White Background



This preview shows how the YIQ color 219.2250, 46.9980, -14.7460 looks on a white background.

Color Contrast Check

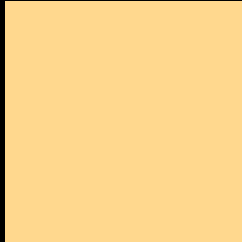
Large Text (above 18pt) WCAG AA × Fail

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 219.2250, 46.9980, -14.7460 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

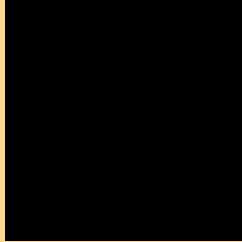
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 219.2250, 46.9980, -14.7460

Background



This preview shows how black text looks on a background with the YIQ color 219.2250, 46.9980, -14.7460.



This preview shows how white text looks on a background with the YIQ color 219.2250, 46.9980,

-14.7460.

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

219.2250, 46.9980, -14.7460

Protanopia

217.9030, 36.0410, -19.9190

Deuteranopia

221.1290, 38.8810, -5.3030



Tritanopia

224.2360, 23.2430, 13.7950

Trichromacy



Original Color

219.2250, 46.9980, -14.7460

Protanomaly

218.1100, 39.8920, -18.1240

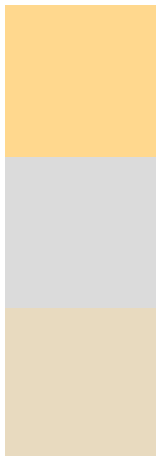
Deuteranomaly

220.5760, 41.8160, -8.9360

Tritanomaly

222.6910, 31.7270, 3.2070

Monochromacy



Original Color

219.2250, 46.9980, -14.7460

Achromatopsia

219.0000, 0.0000, -0.0000

Achromatomaly

219.1080, 17.0110, -5.4290

CSS Examples

Text

The CSS property to change the color of the text to YIQ 219.2250, 46.9980, -14.7460 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, 216, 142)` looks like.

```
.text, #text, p{  
    color:rgb(255, 216, 142)  
}
```

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, 216, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 216, 142) }
```

Border

The CSS property to change the border of an element to YIQ 219.2250, 46.9980, -14.7460 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, 216, 142) }
```


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

```
.border{ border-color:rgb(255, 216, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 216, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 216, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 216, 142);  
box-shadow:4px 4px 4px 4px rgb(255, 216,  
142) }
```

Background

The CSS property to change the background color of an element to YIQ 219.2250, 46.9980, -14.7460 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 216, 142) }
```

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

```
.background{ background-color: rgb(255,  
216, 142) }
```

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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