

Converting Colors

YIQ(219.8120, 46.7230,
-15.2690)

Have a look what the booklet for
YIQ(219.8120, 46.7230, -15.2690)
contains.

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Color

**YIQ(219.8120, 46.7230,
-15.2690)**

Conversions

Conversions Part 1

Format	Color
Hex	FFD98E
RGB	255, 217, 142
RGB Percent	100%, 85%, 56%
CMY	0.0000, 0.1491, 0.4429
CMYK	0.00, 0.15, 0.44, 0.00
HSL	40°, 100%, 78%
HSV	40°, 44%, 100%
XYZ	70.9358, 72.8322, 35.9349
YIQ	219.8120, 46.7230, -15.2690

Conversions

Conversions Part 2

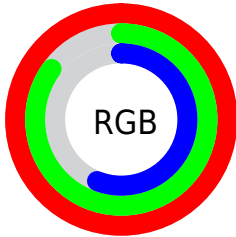
Format	Color
R _Y B	199, 255, 142
Decimal	16767374
CIE Lab	88.37, 3.68, 41.73
CIE LCh	88, 41.893, 84.966
Yxy	72.8322, 0.3947, 0.4053
Android (android.graphics.Color)	4294957454 (0xFFFFD98E)
YUV	219.8120, -38.3613, 30.8599
Hunter-Lab	85.3418, -0.9795, 34.7740

Details

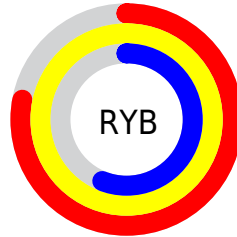
The YIQ color **219.8120, 46.7230, -15.2690** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **177.1880, -46.7230, 15.2690**, and the grayscale version is **220.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **248.3880, 18.6180, -18.0380**, and **163.9580, 43.3760, -15.1840** is the 20% darker color. If you saturate the color by 10%, you get **211.6790, 57.2230, -18.3370**, and if you desaturate by 10%, it is **228.0590, 35.9020, -11.8900**.

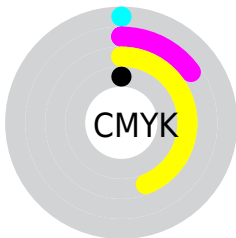
Distribution



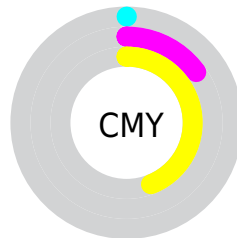
- Red (100%)
- Green (85%)
- Blue (56%)



- Red (78%)
- 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 219.8120, 46.7230, -15.2690 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 219.8120, 46.7230, -15.2690 by changing the saturation by 10% instead.


 219.8120, 46.7230,
-15.2690

 219.8120, 46.7230,
-15.2690


255.0000, -0.0000,
-0.0000

 191.4420, 44.8890,
-15.0710


 248.3880, 18.6180,
-18.0380


 163.9580, 43.3760,
-15.1840


 251.5800, 9.6300,
-9.3300

 137.5880, 41.5420,
-14.9860

254.8860, 0.3210,
-0.3110

 111.6910, 39.7540,
-15.6220

 86.5660, 38.6080,
-16.8800

 63.2820, 33.6560,
-15.2400

 42.8930, 24.8060,

-9.0340

■ 23.6780, 15.4060,
-3.8740

■ 0.0000, 0.0000,
0.0000

■ 219.8120, 46.7230,
-15.2690

■ 219.8120, 46.7230,
-15.2690

■ 211.6790, 57.2230,
-18.3370

■ 228.0590, 35.9020,
-11.8900

■ 204.0190, 67.7690,
-22.2390

■ 235.6050, 25.6770,
-8.2990

■ 195.8860, 78.2690,
-25.3070

■ 243.8520, 14.8560,
-4.9200

■ 188.2260, 88.8150,
-29.2090

■ 251.3980, 4.6310,
-1.3290

■ 180.0930, 99.3150, 255.0000, -0.0000,
-32.2770 -0.0000

■ 175.4480,
105.5050, -34.3270

Harmonies

Analogous

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



213.4180, 45.4370, -2.9710



219.8120, 46.7230, -15.2690



215.8680, 16.7860, -28.8940

Triad

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



219.8120, 46.7230, -15.2690



195.2180, -101.2750, -31.3470



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.



219.8120, 46.7230, -15.2690



177.1880, -46.7230, 15.2690

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.



219.5710, -11.3730, 13.3870



219.8120, 46.7230, -15.2690



197.1810, -90.6850, -25.0290

Square

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



219.8120, 46.7230, -15.2690



202.5040, -64.2740, -35.6180



209.2510, -52.1750, -7.0790



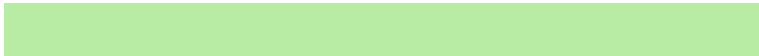
215.1690, 25.3500, 25.1740

Rectangle

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



219.8120, 46.7230, -15.2690



212.2440, -7.8800, -33.4160



209.2510, -52.1750, -7.0790



224.1660, 12.2370, 26.0370

Sweetspot

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



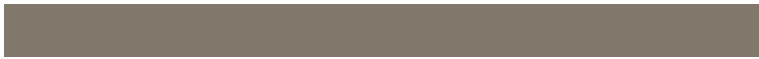
219.8120, 46.7230, -15.2690



244.7810, 13.6180, -4.5100



180.3470, 54.5080, 36.3960



121.4970, 8.6660, -2.8700



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.



219.8120, 46.7230, -15.2690



213.1950, 55.7100, -18.4500



237.0350, 26.1410, -38.7470



123.5830, 5.5480, -1.4280



131.6580, 78.9110, -25.9290



43.7900, 26.5940, -8.3980

Inverse Universe

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



177.1880, -46.7230, 15.2690



161.8050, -55.7100, 18.4500



159.9650, -26.1410, 38.7470



118.8300, -5.2730, 1.9510



59.3420, -78.9110, 25.9290



19.6230, -26.3190, 8.9210

Previews

White Background



This preview shows how the YIQ color 219.8120, 46.7230, -15.2690 looks on a white background.

Color Contrast Check

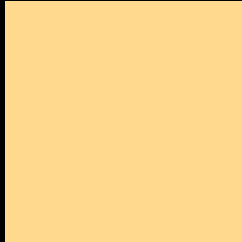
Large Text (above 18pt) WCAG AA × Fail

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 219.8120, 46.7230, -15.2690 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 219.8120, 46.7230, -15.2690

Background



This preview shows how black text looks on a background with the YIQ color 219.8120, 46.7230, -15.2690.



This preview shows how white text looks on a background with the YIQ color 219.8120, 46.7230, -15.2690.

-15.2690.

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

219.8120, 46.7230, -15.2690

Protanopia

218.7890, 36.3620, -20.2300

Deuteranopia

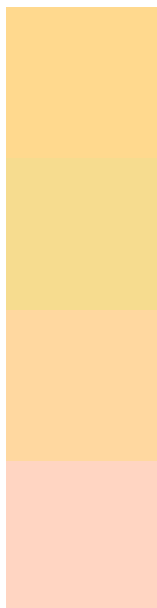
221.9440, 37.9640, -5.2040



Tritanopia

224.9370, 22.6470, 13.5830

Trichromacy



Original Color

219.8120, 46.7230, -15.2690

Protanomaly

218.9960, 40.2130, -18.4350

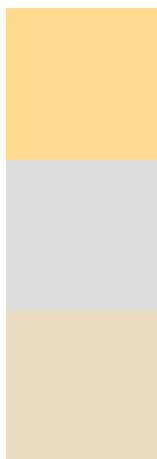
Deuteranomaly

221.2770, 41.2200, -9.1480

Tritanomaly

223.3920, 31.1310, 2.9950

Monochromacy



Original Color

219.8120, 46.7230, -15.2690

Achromatopsia

220.0000, 0.0000, 0.0000

Achromatomaly

220.1080, 17.0110, -5.4290

CSS Examples

Text

The CSS property to change the color of the text to YIQ 219.8120, 46.7230, -15.2690 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, 217, 142)` looks like.

```
.text, #text, p{  
    color:rgb(255, 217, 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, 217, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 217, 142) }
```

Border

The CSS property to change the border of an element to YIQ 219.8120, 46.7230, -15.2690 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, 217, 142) }
```


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

```
.border{ border-color:rgb(255, 217, 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, 217, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 217, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 217, 142);  
box-shadow:4px 4px 4px 4px rgb(255, 217,  
142) }
```

Background

The CSS property to change the background color of an element to YIQ 219.8120, 46.7230, -15.2690 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 217, 142) }
```

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

```
.background{ background-color: rgb(255,  
217, 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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