

Converting Colors

YIQ(219.9260, 46.4020,
-14.9580)

Have a look what the booklet for
YIQ(219.9260, 46.4020, -14.9580)
contains.

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Color

**YIQ(219.9260, 46.4020,
-14.9580)**

Conversions

Conversions Part 1

Format	Color
Hex	FFD98F
RGB	255, 217, 143
RGB Percent	100%, 85%, 56%
CMY	0.0000, 0.1491, 0.4390
CMYK	0.00, 0.15, 0.44, 0.00
HSL	40°, 100%, 78%
HSV	40°, 44%, 100%
XYZ	71.0113, 72.8624, 36.3322
YIQ	219.9260, 46.4020, -14.9580

Conversions

Conversions Part 2

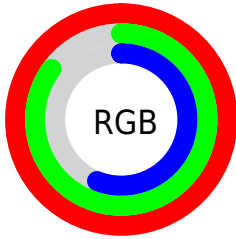
Format	Color
RYB	201, 255, 143
Decimal	16767375
CIELab	88.38, 3.77, 41.25
CIELCh	88, 41.421, 84.771
Yxy	72.8624, 0.3941, 0.4043
Android (android.graphics.Color)	4294957455 (0xFFFFD98F)
YUV	219.9260, -37.9245, 30.7599
Hunter-Lab	85.3595, -0.8834, 34.5156

Details

The YIQ color **219.9260, 46.4020, -14.9580** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **178.0740, -46.4020, 14.9580**, and the grayscale version is **220.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **248.5020, 18.2970, -17.7270**, and **164.0720, 43.0550, -14.8730** is the 20% darker color. If you saturate the color by 10%, you get **211.7930, 56.9020, -18.0260**, and if you desaturate by 10%, it is **228.1730, 35.5810, -11.5790**.

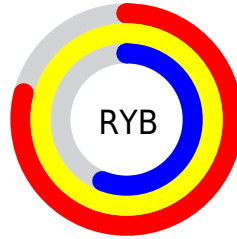
Distribution



Red (100%)

Green (85%)

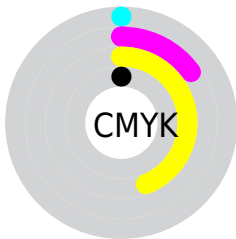
Blue (56%)



Red (79%)

Yellow (100%)

Blue (56%)

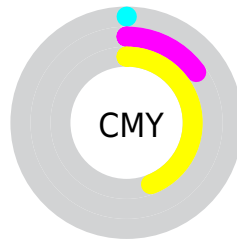


Cyan (0%)

Magenta (15%)

Yellow (44%)

Black (0%)



Cyan (0%)


Magenta (15%)


Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 219.9260, 46.4020, -14.9580 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 219.9260, 46.4020, -14.9580 by changing the saturation by 10% instead.


 219.9260, 46.4020,
-14.9580

 219.9260, 46.4020,
-14.9580


255.0000, -0.0000,
-0.0000


 191.5560, 44.5680,
-14.7600


 248.5020, 18.2970,
-17.7270


 164.0720, 43.0550,
-14.8730

 251.6940, 9.3090,
-9.0190

 137.7020, 41.2210,
-14.6750

 111.8050, 39.4330,
-15.3110

 86.7940, 37.9660,
-16.2580

 63.2820, 33.6560,
-15.2400

 42.8930, 24.8060,

-9.0340

■ 23.6780, 15.4060,
-3.8740

■ 0.0000, 0.0000,
0.0000

■ 219.9260, 46.4020,
-14.9580

■ 219.9260, 46.4020,
-14.9580

■ 211.7930, 56.9020,
-18.0260

■ 228.1730, 35.5810,
-11.5790

■ 204.1330, 67.4480,
-21.9280

■ 235.7190, 25.3560,
-7.9880

■ 196.0000, 77.9480,
-24.9960

■ 243.9660, 14.5350,
-4.6090

■ 187.7530, 88.7690,
-28.3750

■ 252.0990, 4.0350,
-1.5410

■ 180.2070, 98.9940, 255.0000, -0.0000,
-31.9660 -0.0000

■ 174.8610,
105.7800, -33.8040

Harmonies

Analogous

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



214.1190, 44.8410, -3.1830



219.9260, 46.4020, -14.9580



215.6940, 17.3360, -27.8480

Triad

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



219.9260, 46.4020, -14.9580



196.3000, -98.5700, -30.8100



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.



219.9260, 46.4020, -14.9580



178.0740, -46.4020, 14.9580

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



219.9260, 46.4020, -14.9580



198.0780, -88.8970, -24.3930

Square

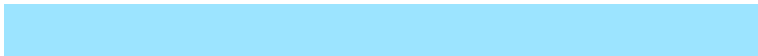
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



219.9260, 46.4020, -14.9580



203.1020, -63.0820, -35.1940



209.5500, -51.5790, -6.8670



215.1690, 25.3500, 25.1740

Rectangle

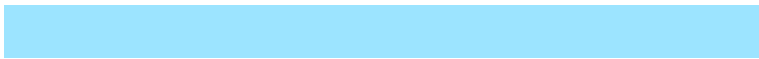
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



219.9260, 46.4020, -14.9580



212.6570, -7.6050, -32.8930



209.5500, -51.5790, -6.8670



224.4540, 11.3660, 25.3020

Sweetspot

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



219.9260, 46.4020, -14.9580



244.7810, 13.6180, -4.5100



180.9340, 54.2330, 35.8730



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.



219.9260, 46.4020, -14.9580



212.6080, 55.9850, -17.9270



237.1490, 25.8200, -38.4360



123.5830, 5.5480, -1.4280



131.0710, 79.1860, -25.4060



43.7900, 26.5940, -8.3980

Inverse Universe

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



178.0740, -46.4020, 14.9580



162.3920, -55.9850, 17.9270



160.8510, -25.8200, 38.4360



118.8300, -5.2730, 1.9510



59.9290, -79.1860, 25.4060



20.2100, -26.5940, 8.3980

Previews

White Background



This preview shows how the YIQ color 219.9260, 46.4020, -14.9580 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 219.9260, 46.4020, -14.9580 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

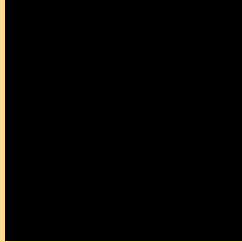
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 219.9260, 46.4020, -14.9580

Background



This preview shows how black text looks on a background with the YIQ color 219.9260, 46.4020, -14.9580.



This preview shows how white text looks on a background with the YIQ color 219.9260, 46.4020,

-14.9580.

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

219.9260, 46.4020, -14.9580

Protanopia

218.9030, 36.0410, -19.9190

Deuteranopia

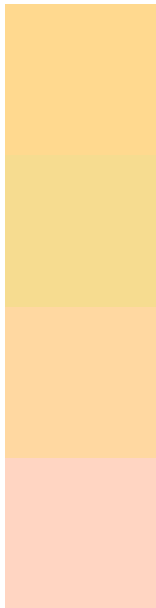
221.9440, 37.9640, -5.2040



Tritanopia

224.9370, 22.6470, 13.5830

Trichromacy



Original Color

219.9260, 46.4020, -14.9580

Protanomaly

219.1100, 39.8920, -18.1240

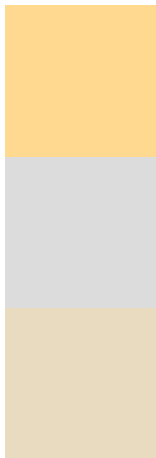
Deuteranomaly

221.3910, 40.8990, -8.8370

Tritanomaly

223.3920, 31.1310, 2.9950

Monochromacy



Original Color

219.9260, 46.4020, -14.9580

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 219.9260, 46.4020, -14.9580 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, 143)` looks like.

```
.text, #text, p{  
    color:rgb(255, 217, 143)  
}
```

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, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 217, 143) }
```

Border

The CSS property to change the border of an element to YIQ 219.9260, 46.4020, -14.9580 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, 143) }
```


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

```
.border{ border-color:rgb(255, 217, 143) }
```

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, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 217, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 217, 143);  
box-shadow:4px 4px 4px 4px rgb(255, 217,  
143) }
```

Background

The CSS property to change the background color of an element to YIQ 219.9260, 46.4020, -14.9580 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, 143) }
```

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

```
.background{ background-color: rgb(255,  
217, 143) }
```

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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