

Converting Colors

YIQ(224.0010, 41.8170,
-14.4630)

Have a look what the booklet for
YIQ(224.0010, 41.8170, -14.4630)
contains.

YIQ(224.0010, 41.8170, -14.4630)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(224.0010, 41.8170,
-14.4630)**

Conversions

Conversions Part 1

Format	Color
Hex	FFDE99
RGB	255, 222, 153
RGB Percent	100%, 87%, 60%
CMY	0.0000, 0.1294, 0.3998
CMYK	0.00, 0.13, 0.40, 0.00
HSL	41°, 100%, 80%
HSV	41°, 40%, 100%
XYZ	73.1119, 75.7968, 40.9381
YIQ	224.0010, 41.8170, -14.4630

Conversions

Conversions Part 2

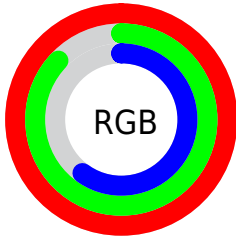
Format	Color
R _Y B	202, 255, 153
Decimal	16768665
CIE Lab	89.76, 2.24, 38.00
CIE LCh	90, 38.069, 86.620
Yxy	75.7968, 0.3851, 0.3993
Android (android.graphics.Color)	4294958745 (0xFFFFDE99)
YUV	224.0010, -35.0035, 27.1861
Hunter-Lab	87.0614, -2.4577, 33.0636

Details

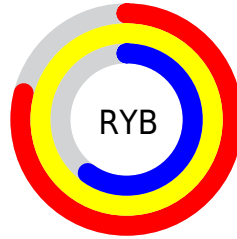
The YIQ color **224.0010, 41.8170, -14.4630** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **183.9990, -41.8170, 14.4630**, and the grayscale version is **224.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **249.6420, 15.0870, -14.6170**, and **168.4460, 39.0660, -14.1660** is the 20% darker color. If you saturate the color by 10%, you get **216.4550, 52.0420, -18.0540**, and if you desaturate by 10%, it is **231.6610, 31.2710, -10.5610**.

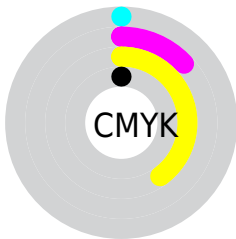
Distribution



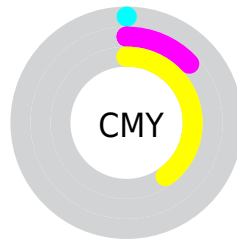
- Red (100%)
- Green (87%)
- Blue (60%)



- Red (79%)
- Yellow (100%)
- Blue (60%)



- Cyan (0%)
- Magenta (13%)
- Yellow (40%)
- Black (0%)



- Cyan (0%)
- Magenta (13%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 224.0010, 41.8170, -14.4630 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 224.0010, 41.8170, -14.4630 by changing the saturation by 10% instead.

224.0010, 41.8170,
-14.4630

224.0010, 41.8170,
-14.4630

255.0000, -0.0000,
-0.0000

195.9300, 40.5790,
-14.0530

249.6420, 15.0870,
-14.6170

168.4460, 39.0660,
-14.1660

252.9480, 5.7780,
-5.5980

141.6630, 36.9570,
-14.4910

115.5920, 35.7190,
-14.0810

90.6950, 33.9310,
-14.7170

66.4560, 33.1060,
-16.2860

45.8390, 24.8980,

-10.7020

■ 26.0370, 15.7730,
-5.0190

■ 0.8970, 1.7880,
0.6360

■ 224.0010, 41.8170,
-14.4630

■ 224.0010, 41.8170,
-14.4630

■ 216.4550, 52.0420,
-18.0540

■ 231.6610, 31.2710,
-10.5610

■ 208.2080, 62.8630,
-21.4330

■ 239.7940, 20.7710,
-7.4930

■ 200.6620, 73.0880,
-25.0240

■ 247.4540, 10.2250,
-3.5910

■ 193.0020, 83.6340,
-28.9260

■ 255.0000, -0.0000,
-0.0000

■ 185.4560, 93.8590,
-32.5170

■ 177.2090,
104.6800, -35.8960

Harmonies

Analogous

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



218.4390, 40.9440, -4.1440



224.0010, 41.8170, -14.4630



219.8940, 13.8970, -26.0950

Triad

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



224.0010, 41.8170, -14.4630



204.8780, -85.4580, -26.1460



226.2370, 13.4750, 25.6270

Complementary

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



224.0010, 41.8170, -14.4630



183.9990, -41.8170, 14.4630

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.



224.3110, -7.7050, 12.9910



224.0010, 41.8170, -14.4630



206.4280, -75.1430, -20.3510

Square

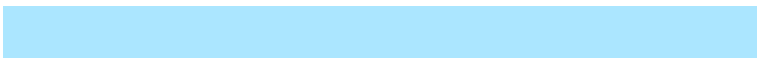
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



224.0010, 41.8170, -14.4630



208.6620, -58.7270, -31.5190



215.2090, -43.1890, -4.7330



219.3920, 23.1040, 21.8240

Rectangle

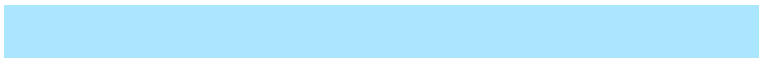
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



224.0010, 41.8170, -14.4630



216.7540, -9.2560, -30.5040



215.2090, -43.1890, -4.7330



227.9980, 12.6500, 24.0580

Sweetspot

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



224.0010, 41.8170, -14.4630



245.5960, 12.7010, -4.4110



187.3740, 49.8780, 32.1980



122.4260, 7.4280, -2.4600



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.



224.0010, 41.8170, -14.4630



217.6120, 50.1620, -17.0220



238.2890, 22.6100, -35.3260



123.5830, 5.5480, -1.4280



132.8320, 78.3610, -26.9750



44.3770, 26.3190, -8.9210

Inverse Universe

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



183.9990, -41.8170, 14.4630



169.8010, -49.8870, 17.5450



169.7110, -22.6100, 35.3260



118.8300, -5.2730, 1.9510



58.1680, -78.3610, 26.9750



19.6230, -26.3190, 8.9210

Previews

White Background



This preview shows how the YIQ color 224.0010, 41.8170, -14.4630 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 224.0010, 41.8170, -14.4630 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 224.0010, 41.8170, -14.4630

Background



This preview shows how black text looks on a background with the YIQ color 224.0010, 41.8170, -14.4630.



This preview shows how white text looks on a background with the YIQ color 224.0010, 41.8170,

-14.4630.

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

224.0010, 41.8170, -14.4630

Protanopia

223.2880, 33.5190, -18.2650

Deuteranopia

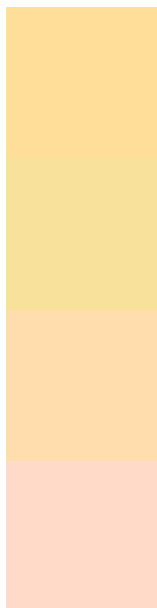
226.3610, 32.4160, -3.7760



Tritanopia

229.0290, 19.3920, 12.0000

Trichromacy



Original Color

224.0010, 41.8170, -14.4630

Protanomaly

223.7830, 36.4990, -17.2050

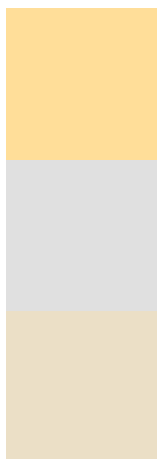
Deuteranomaly

225.6940, 35.6720, -7.7200

Tritanomaly

227.1250, 27.5090, 2.5570

Monochromacy



Original Color

224.0010, 41.8170, -14.4630

Achromatopsia

224.0000, -0.0000, 0.0000

Achromatomaly

223.7380, 15.1770, -5.2310

CSS Examples

Text

The CSS property to change the color of the text to YIQ 224.0010, 41.8170, -14.4630 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, 222, 153)` looks like.

```
.text, #text, p{  
    color:rgb(255, 222, 153)  
}
```

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, 222, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 222, 153) }
```

Border

The CSS property to change the border of an element to YIQ 224.0010, 41.8170, -14.4630 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, 222, 153) }
```


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

```
.border{ border-color:rgb(255, 222, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 222, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 222, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 222, 153);  
box-shadow:4px 4px 4px 4px rgb(255, 222,  
153) }
```

Background

The CSS property to change the background color of an element to YIQ 224.0010, 41.8170, -14.4630 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 222, 153) }
```

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

```
.background{ background-color: rgb(255,  
222, 153) }
```

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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