

Converting Colors

YIQ(174.9930, 46.5770, 31.4490)

Have a look what the booklet for
YIQ(174.9930, 46.5770, 31.4490)
contains.

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Color

**YIQ(174.9930, 46.5770,
31.4490)**

Conversions

Conversions Part 1

Format	Color
Hex	EF8EB1
RGB	239, 142, 177
RGB Percent	94%, 56%, 69%
CMY	0.0625, 0.4433, 0.3057
CMYK	0.00, 0.41, 0.26, 0.06
HSL	338°, 75%, 75%
HSV	338°, 41%, 94%
XYZ	53.2251, 40.8718, 46.6998
YIQ	174.9930, 46.5770, 31.4490

Conversions

Conversions Part 2

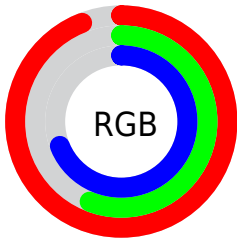
Format	Color
R_{YB}	239, 142, 177
Decimal	15699633
CIE _{Lab}	70.09, 41.07, -2.40
CIE _{LCh}	70, 41.135, 356.650
Yxy	40.8718, 0.3780, 0.2903
Android (android.graphics.Color)	4293889713 (0xFFEF8EB1)
YUV	174.9930, 0.9895, 56.1341
Hunter-Lab	63.9310, 36.7291, 1.4421

Details

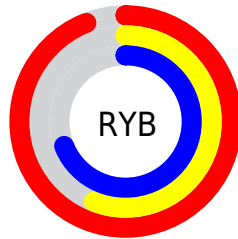
The YIQ color **174.9930, 46.5770, 31.4490** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **206.0070, -46.5770, -31.4490**, and the grayscale version is **175.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **218.4460, 23.0120, 23.4920**, and **120.6120, 43.2760, 30.7000** is the 20% darker color. If you saturate the color by 10%, you get **159.1950, 57.9920, 39.3360**, and if you desaturate by 10%, it is **190.7910, 35.1620, 23.5620**.

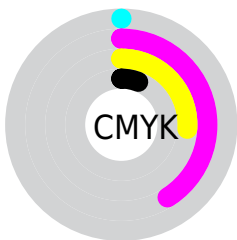
Distribution



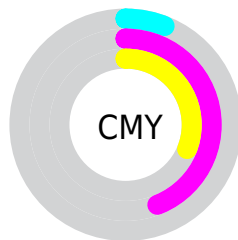
- Red (94%)
- Green (56%)
- Blue (69%)



- Red (94%)
- Yellow (56%)
- Blue (69%)



- Cyan (0%)
- Magenta (41%)
- Yellow (26%)
- Black (6%)





- Cyan (6%)
- Magenta (44%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 174.9930, 46.5770, 31.4490 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 174.9930, 46.5770, 31.4490 by changing the saturation by 10% instead.


 174.9930, 46.5770,
31.4490

 174.9930, 46.5770,
31.4490


255.0000, -0.0000,
-0.0000


 147.3950, 45.3850,
31.0250


 218.4460, 23.0120,
23.4920


 120.6120, 43.2760,
30.7000

 237.9770, 7.9750,
15.1670

 94.7150, 41.4880,
30.0640

 68.3450, 39.6540,
30.2620

 39.4530, 39.4700,
33.5980

 25.1760, 32.6400,
25.2160

 15.8620, 27.2320,

13.0880

■ 0.0000, 0.0000,
0.0000

■ 174.9930, 46.5770,
31.4490

■ 174.9930, 46.5770,
31.4490

■ 159.1950, 57.9920,
39.3360

■ 190.7910, 35.1620,
23.5620

■ 143.2830, 69.7280,
46.9120

■ 206.7030, 23.4260,
15.9860

■ 127.4850, 81.1430,
54.7990

■ 222.5010, 12.0110,
8.0990

■ 111.6870, 92.5580,
62.6860

■ 238.2990, 0.5960,
0.2120

■ 95.8890, 103.9730,
70.5730

■ 249.9880, -8.8940,
-4.0140

■ 81.2650, 114.8380,
77.4140

■ 250.2160, -9.5360,
-3.3920

Harmonies

Analogous

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



176.3180, 17.9210, 33.1610



174.9930, 46.5770, 31.4490



173.1450, 60.2880, 19.7440

Triad

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



174.9930, 46.5770, 31.4490



164.9540, 13.6680, -27.4520



135.7440, -125.9430, -24.8150

Complementary

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



174.9930, 46.5770, 31.4490



206.0070, -46.5770, -31.4490

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.



134.7860, -117.7340, -35.9260



174.9930, 46.5770, 31.4490



159.4580, -23.1020, -32.8780

Square

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



174.9930, 46.5770, 31.4490



169.0610, 41.5880, -15.8200



148.9810, -70.0510, -35.5470



162.9360, -63.8690, 6.6190

Rectangle

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



174.9930, 46.5770, 31.4490



171.8810, 60.6110, 8.3790



148.9810, -70.0510, -35.5470



136.0060, -123.9250, -28.3490

Sweetspot

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



174.9930, 46.5770, 31.4490



234.5230, 14.9450, 9.9930



171.2970, 5.2190, 43.0990



116.0660, 8.8020, 5.6820



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.



174.9930, 46.5770, 31.4490



172.5050, 60.0550, 40.4950



178.6340, 54.2370, 13.7650



112.0440, 5.8680, 3.7880



62.5400, 88.4780, 59.5340



19.0240, 26.9560, 18.0920

Inverse Universe

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



174.9930, 46.5770, 31.4490



172.5050, 60.0550, 40.4950



202.3660, -54.2370, -13.7650



112.0440, 5.8680, 3.7880



62.5400, 88.4780, 59.5340



19.0240, 26.9560, 18.0920

Previews

White Background



This preview shows how the YIQ color 174.9930, 46.5770, 31.4490 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 174.9930, 46.5770, 31.4490 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

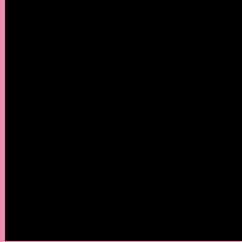
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 174.9930, 46.5770, 31.4490

Background



This preview shows how black text looks on a background with the YIQ color 174.9930, 46.5770, 31.4490.



This preview shows how white text looks on a background with the YIQ color 174.9930, 46.5770,

31.4490.

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

174.9930, 46.5770, 31.4490

Protanopia

172.2520, -9.2170, 7.3510

Deuteranopia

173.3760, 10.8650, 6.8410



Tritanopia

174.3490, 51.0260, 22.4020

Trichromacy



Original Color

174.9930, 46.5770, 31.4490



Protanomaly

173.3580, 11.2760, 15.9160



Deuteranomaly

173.8880, 24.3430, 15.8870



Tritanomaly

174.9730, 49.3290, 25.6250

Monochromacy



Original Color

174.9930, 46.5770, 31.4490



Achromatopsia

175.0000, -0.0000, -0.0000



Achromatomaly

174.9470, 16.6870, 11.4630

CSS Examples

Text

The CSS property to change the color of the text to YIQ 174.9930, 46.5770, 31.4490 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(239, 142, 177)` looks like.

```
.text, #text, p{  
    color:rgb(239, 142, 177)  
}
```

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(239, 142, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 142, 177) }
```

Border

The CSS property to change the border of an element to YIQ 174.9930, 46.5770, 31.4490 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(239, 142, 177) }
```


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

```
.border{ border-color:rgb(239, 142, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(239, 142, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 142, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 142, 177);  
box-shadow:4px 4px 4px 4px rgb(239, 142,  
177) }
```

Background

The CSS property to change the background color of an element to YIQ 174.9930, 46.5770, 31.4490 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 142, 177) }
```

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

```
.background{ background-color: rgb(239,  
142, 177) }
```

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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