

# Converting Colors

YIQ(174.7190, 52.8600, 22.2040)

Have a look what the booklet for  
YIQ(174.7190, 52.8600, 22.2040)  
contains.

<b>YIQ(174.7190, 52.8600, 22.2040)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	24
<b><i>Color Blindness Simulation</i></b> .....	28
<b><i>CSS Examples</i></b> .....	31

# Color

**YIQ(174.7190, 52.8600,  
22.2040)**

# Conversions

## Conversions Part 1

Format	Color
Hex	EF929A
RGB	239, 146, 154
RGB Percent	94%, 57%, 60%
CMY	0.0625, 0.4276, 0.3959
CMYK	0.00, 0.39, 0.36, 0.06
HSL	355°, 74%, 75%
HSV	355°, 39%, 94%
XYZ	51.7260, 41.2413, 35.8286
YIQ	174.7190, 52.8600, 22.2040

# Conversions

## Conversions Part 2

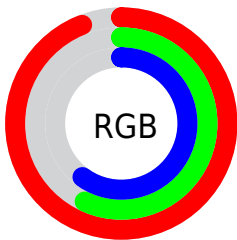
Format	Color
R <sub>YB</sub>	239, 146, 154
Decimal	15700634
CIE Lab	70.34, 36.04, 10.79
CIE LCh	70, 37.625, 16.671
Yxy	41.2413, 0.4016, 0.3202
Android (android.graphics.Color)	4293890714 (0xFFEF929A)
YUV	174.7190, -10.2145, 56.3744
Hunter-Lab	64.2194, 31.3902, 11.8751

# Details

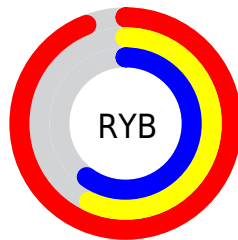
The YIQ color **174.7190, 52.8600, 22.2040** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **210.2810, -52.8600, -22.2040**, and the grayscale version is **175.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **217.9440, 29.9370, 13.6250**, and **121.0390, 48.9630, 21.2430** is the 20% darker color. If you saturate the color by 10%, you get **158.1230, 66.5220, 27.9140**, and if you desaturate by 10%, it is **191.3150, 39.1980, 16.4940**.

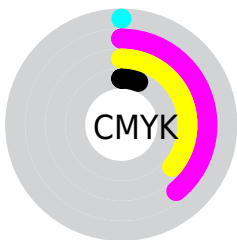
# Distribution



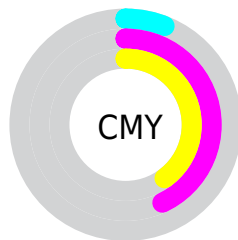
- Red (94%)
- Green (57%)
- Blue (60%)



- Red (94%)
- Yellow (57%)
- Blue (60%)



- Cyan (0%)
- Magenta (39%)
- Yellow (36%)
- Black (6%)




- Cyan (6%)
- Magenta (43%)
- Yellow (40%)


# Brightness & Saturation Gradients

These gradients show how the YIQ color 174.7190, 52.8600, 22.2040 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 174.7190, 52.8600, 22.2040 by changing the saturation by 10% instead.





 174.7190, 52.8600,  
22.2040


 174.7190, 52.8600,  
22.2040


255.0000, -0.0000,  
-0.0000


 147.2350, 51.3470,  
22.0910


 217.9440, 29.9370,  
13.6250


 121.0390, 48.9630,  
21.2430

 237.6860, 12.9280,  
8.0000

 94.9570, 46.2580,  
20.7060

 69.2880, 43.8280,  
20.6920

 42.9720, 41.9020,  
22.5580

 22.5260, 37.2260,  
19.1940

 14.4660, 28.2870,

10.4870

■ 0.0000, 0.0000,  
0.0000

■ 174.7190, 52.8600,  
22.2040

■ 174.7190, 52.8600,  
22.2040

■ 158.1230, 66.5220,  
27.9140

■ 191.3150, 39.1980,  
16.4940

■ 141.5270, 80.1840,  
33.6240

■ 207.9110, 25.5360,  
10.7840

■ 125.0450, 93.5250,  
39.6450

■ 224.5070, 11.8740,  
5.0740

■ 108.4490,  
107.1870, 45.3550

■ 240.9890, -1.4670,  
-0.9470

■ 91.8530, 120.8490,  
51.0650

■ 250.2160, -9.5360,  
-3.3920

■ 75.8440, 134.2360,  
56.2520

■ 73.8550, 135.7030,  
57.1990

# Harmonies

## Analogous

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



176.3060, 35.3900, 30.4460



174.7190, 52.8600, 22.2040



173.0160, 55.7970, 7.5170

# Triad

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



174.7190, 52.8600, 22.2040



163.1070, -8.7520, -28.6240



161.4960, -68.6820, 0.2300

# Complementary

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



174.7190, 52.8600, 22.2040



210.2810, -52.8600, -22.2040

# 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.



146.0260, -100.3140, -21.2260



174.7190, 52.8600, 22.2040



156.4200, -46.3020, -30.9260

# Square

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



174.7190, 52.8600, 22.2040



167.9060, 22.7910, -22.0810



146.3460, -87.0160, -30.9520



172.2670, -30.7680, 17.9680



# Rectangle

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



174.7190, 52.8600, 22.2040



171.9300, 49.7470, -3.9890



146.3460, -87.0160, -30.9520



156.5220, -80.7390, -7.0350

# Sweetspot

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



174.7190, 52.8600, 22.2040



233.6110, 17.5130, 7.5050



181.7180, 20.2110, 46.7310



115.4960, 10.4070, 4.1270



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.



174.7190, 52.8600, 22.2040



172.1340, 67.9890, 28.8610



195.5260, 45.2530, 0.3650



111.7020, 6.8310, 2.8550



56.8400, 104.5280, 43.9840



17.3140, 31.7710, 13.4270



# Inverse Universe

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



174.7190, 52.8600, 22.2040



172.1340, 67.9890, 28.8610



189.4740, -45.2530, -0.3650



111.7020, 6.8310, 2.8550



56.8400, 104.5280, 43.9840



17.3140, 31.7710, 13.4270



# Previews

## White Background



This preview shows how the YIQ color 174.7190, 52.8600, 22.2040 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

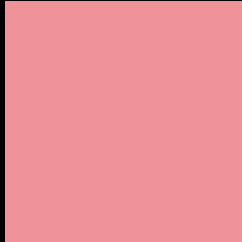
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YIQ color 174.7190, 52.8600, 22.2040 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 174.7190, 52.8600, 22.2040

## Background



This preview shows how black text looks on a background with the YIQ color 174.7190, 52.8600, 22.2040.



This preview shows how white text looks on a background with the YIQ color 174.7190, 52.8600,



# 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

174.7190, 52.8600, 22.2040

### Protanopia

173.0390, 4.2640, -0.1840

### Deuteranopia

173.4450, 23.6120, 1.5960



## Tritanopia

174.9470, 52.2180, 22.8260

# Trichromacy



## Original Color

174.7190, 52.8600, 22.2040

## Protanomaly

174.0630, 22.0520, 7.8440

## Deuteranomaly

173.9350, 34.1560, 8.7480

## Tritanomaly

174.8330, 52.5390, 22.5150

# Monochromacy



## Original Color

174.7190, 52.8600, 22.2040

## Achromatopsia

175.0000, -0.0000, -0.0000

## Achromatomaly

174.5080, 19.3010, 8.1410

# CSS Examples

## Text

The CSS property to change the color of the text to YIQ 174.7190, 52.8600, 22.2040 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, 146, 154)` looks like.

```
.text, #text, p{  
    color:rgb(239, 146, 154)  
}
```

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, 146, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 146, 154) }
```

## Border

The CSS property to change the border of an element to YIQ 174.7190, 52.8600, 22.2040 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, 146, 154) }
```



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

```
.border{ border-color:rgb(239, 146, 154) }
```

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

Here you see how a box with a 4 pixel rgb(239, 146, 154) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 146, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 146, 154);  
box-shadow:4px 4px 4px 4px rgb(239, 146,  
154) }
```

# Background

The CSS property to change the background color of an element to YIQ 174.7190, 52.8600, 22.2040 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 146, 154) }
```

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

```
.background{ background-color: rgb(239,  
146, 154) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor