

# Converting Colors

YIQ(194.0110, 46.1660, 22.3740)

Have a look what the booklet for  
YIQ(194.0110, 46.1660, 22.3740)  
contains.

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# Color

**YIQ(194.0110, 46.1660,  
22.3740)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FCA7B5
RGB	252, 167, 181
RGB Percent	99%, 65%, 71%
CMY	0.0116, 0.3452, 0.2900
CMYK	0.00, 0.34, 0.28, 0.01
HSL	350°, 94%, 82%
HSV	350°, 34%, 99%
XYZ	62.3216, 51.6678, 50.4279
YIQ	194.0110, 46.1660, 22.3740

# Conversions

## Conversions Part 2

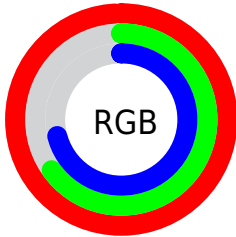
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	252, 167, 181
Decimal	16558005
CIE Lab	77.08, 33.17, 5.75
CIE LCh	77, 33.660, 9.830
Yxy	51.6678, 0.3790, 0.3142
Android (android.graphics.Color)	4294748085 (0xFFFC A7B5)
YUV	194.0110, -6.4144, 50.8564
Hunter-Lab	71.8804, 28.9721, 8.7211

# Details

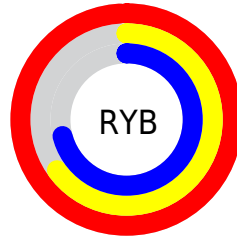
The YIQ color **194.0110, 46.1660, 22.3740** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **224.9890, -46.1660, -22.3740**, and the grayscale version is **194.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **234.1640, 14.5780, 11.1380**, and **139.5160, 43.1860, 21.3140** is the 20% darker color. If you saturate the color by 10%, you get **176.9420, 59.7820, 28.9180**, and if you desaturate by 10%, it is **211.0800, 32.5500, 15.8300**.

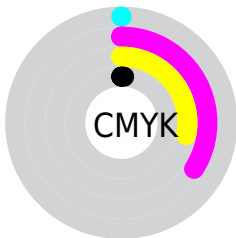
# Distribution



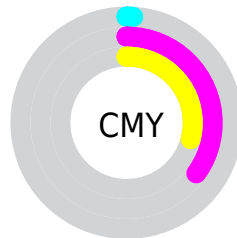
- Red (99%)
- Green (65%)
- Blue (71%)



- Red (99%)
- Yellow (65%)
- Blue (71%)



- Cyan (0%)
- Magenta (34%)
- Yellow (28%)
- Black (1%)




- Cyan (1%)
- Magenta (35%)
- Yellow (29%)


# Brightness & Saturation Gradients

These gradients show how the YIQ color 194.0110, 46.1660, 22.3740 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 194.0110, 46.1660, 22.3740 by changing the saturation by 10% instead.





 194.0110, 46.1660,  
22.3740


 194.0110, 46.1660,  
22.3740

255.0000, -0.0000,  
-0.0000


 166.4130, 44.9740,  
21.9500


 234.1640, 14.5780,  
11.1380


 139.5160, 43.1860,  
21.3140

 253.2390, 0.8250,  
1.5690

 112.7330, 41.0770,  
20.9890

 87.8360, 39.2890,  
20.3530

 62.5800, 37.1340,  
20.8620

 37.3240, 34.9790,  
21.3710

 19.1230, 30.9910,

16.5510

■ 10.2800, 19.9430,  
7.5190

■ 0.0000, 0.0000,  
0.0000

■ 194.0110, 46.1660,  
22.3740

■ 194.0110, 46.1660,  
22.3740

■ 176.9420, 59.7820,  
28.9180

■ 211.0800, 32.5500,  
15.8300

■ 159.8730, 73.3980,  
35.4620

■ 228.1490, 18.9340,  
9.2860

■ 142.2170, 87.2890,  
42.5290

■ 245.8050, 5.0430,  
2.2190

■ 125.1480,  
100.9050, 49.0730

■ 254.1030, -1.7880,  
-0.6360

■ 108.0790,  
114.5210, 55.6170

■ 91.0100, 128.1370,  
62.1610

■ 80.1360, 136.7100,  
66.4860

# Harmonies

## Analogous

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



195.2340, 26.7250, 27.7890



194.0110, 46.1660, 22.3740



192.7430, 52.3120, 10.1040

# Triad

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



194.0110, 46.1660, 22.3740



183.5210, -1.0500, -25.0340



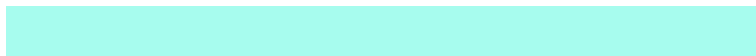
180.3670, -64.0050, -1.9330

# Complementary

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



194.0110, 46.1660, 22.3740



224.9890, -46.1660, -22.3740

# 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.



173.0520, -76.8400, -17.1280



194.0110, 46.1660, 22.3740



179.2430, -32.5020, -27.7180

# Square

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



194.0110, 46.1660, 22.3740



187.8080, 26.1830, -17.4730



174.1980, -62.9920, -25.8080



189.1800, -35.0770, 13.4590



# Rectangle

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



194.0110, 46.1660, 22.3740



191.2660, 48.9210, -0.0310



174.1980, -62.9920, -25.8080



177.6710, -70.9730, -7.8130

# Sweetspot

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



194.0110, 46.1660, 22.3740



237.9310, 13.6160, 6.5440



197.9190, 15.0310, 41.4870



117.1260, 8.5730, 4.3250



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.



194.0110, 46.1660, 22.3740



183.4470, 56.8020, 27.8580



208.8510, 42.9600, 3.3760



116.2290, 6.7850, 3.6890



60.0450, 102.6930, 49.7090



19.3790, 33.1460, 16.0420



# Inverse Universe

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



194.0110, 46.1660, 22.3740



183.4470, 56.8020, 27.8580



210.1490, -42.9600, -3.3760



116.2290, 6.7850, 3.6890



60.0450, 102.6930, 49.7090



19.3790, 33.1460, 16.0420



# Previews

## White Background



This preview shows how the YIQ color 194.0110, 46.1660, 22.3740 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

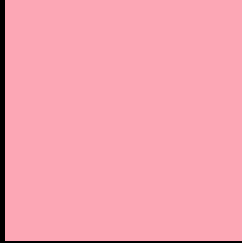
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YIQ color 194.0110, 46.1660, 22.3740 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

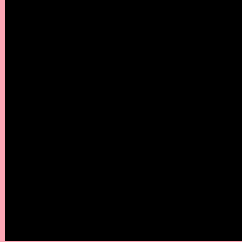
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# YIQ 194.0110, 46.1660, 22.3740

## Background



This preview shows how black text looks on a background with the YIQ color 194.0110, 46.1660, 22.3740.



This preview shows how white text looks on a background with the YIQ color 194.0110, 46.1660,

22.3740.

# 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

194.0110, 46.1660, 22.3740

### Protanopia

191.3530, 0.5040, 1.8800

### Deuteranopia

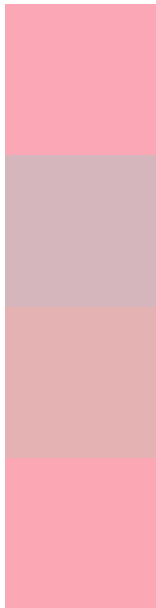
192.2860, 19.8060, 4.4940



## Tritanopia

193.8970, 46.4870, 22.0630

# Trichromacy



## Original Color

194.0110, 46.1660, 22.3740

## Protanomaly

192.3660, 16.8250, 8.9610

## Deuteranomaly

193.0640, 29.4790, 10.9110

## Tritanomaly

193.8970, 46.4870, 22.0630

# Monochromacy



## Original Color

194.0110, 46.1660, 22.3740

## Achromatopsia

194.0000, -0.0000, 0.0000

## Achromatomaly

193.8390, 16.8710, 8.1270

# CSS Examples

## Text

The CSS property to change the color of the text to YIQ 194.0110, 46.1660, 22.3740 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(252, 167, 181)` looks like.

```
.text, #text, p{  
    color:rgb(252, 167, 181)  
}
```

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(252, 167, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 167, 181) }
```

## Border

The CSS property to change the border of an element to YIQ 194.0110, 46.1660, 22.3740 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(252, 167, 181) }
```



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

```
.border{ border-color:rgb(252, 167, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 167, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 167, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 167, 181);  
box-shadow:4px 4px 4px 4px rgb(252, 167,  
181) }
```

# Background

The CSS property to change the background color of an element to YIQ 194.0110, 46.1660, 22.3740 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 167, 181) }
```

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

```
.background{ background-color: rgb(252,  
167, 181) }
```

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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