

Converting Colors

YIQ(194.6630, 47.2660, 24.4660)

Have a look what the booklet for
YIQ(194.6630, 47.2660, 24.4660)
contains.

YIQ(194.6630, 47.2660, 24.4660)	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(194.6630, 47.2660,
24.4660)**

Conversions

Conversions Part 1

Format	Color
Hex	FFA6B8
RGB	255, 166, 184
RGB Percent	100%, 65%, 72%
CMY	0.0000, 0.3491, 0.2783
CMYK	0.00, 0.35, 0.28, 0.00
HSL	348°, 100%, 83%
HSV	348°, 35%, 100%
XYZ	63.5258, 51.9814, 52.0570
YIQ	194.6630, 47.2660, 24.4660

Conversions

Conversions Part 2

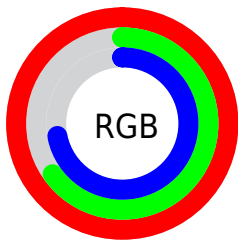
Format	Color
R _Y B	255, 166, 184
Decimal	16754360
CIE Lab	77.27, 35.14, 4.42
CIE LCh	77, 35.413, 7.173
Yxy	51.9814, 0.3791, 0.3102
Android (android.graphics.Color)	4294944440 (0xFFFFA6B8)
YUV	194.6630, -5.2569, 52.9155
Hunter-Lab	72.0981, 31.1050, 7.6596

Details

The YIQ color **194.6630, 47.2660, 24.4660** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **226.3370, -47.2660, -24.4660**, and the grayscale version is **195.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **233.9190, 13.8900, 12.5940**, and **139.8690, 43.6900, 23.1940** is the 20% darker color. If you saturate the color by 10%, you get **177.1210, 60.8360, 31.8440**, and if you desaturate by 10%, it is **211.6180, 33.9710, 17.6110**.

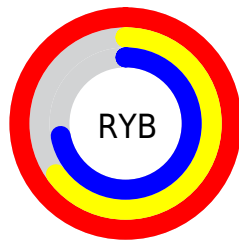
Distribution



Red (100%)

Green (65%)

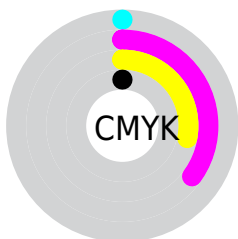
Blue (72%)



Red (100%)

Yellow (65%)

Blue (72%)

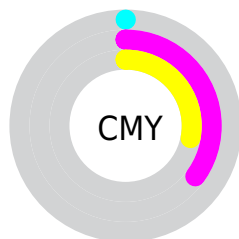


Cyan (0%)

Magenta (35%)

Yellow (28%)

Black (0%)



Cyan (0%)


Magenta (35%)


Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 194.6630, 47.2660, 24.4660 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 194.6630, 47.2660, 24.4660 by changing the saturation by 10% instead.


 194.6630, 47.2660,
24.4660

 194.6630, 47.2660,
24.4660


255.0000, -0.0000,
-0.0000


 166.7660, 45.4780,
23.8300


 233.9190, 13.8900,
12.5940


 139.8690, 43.6900,
23.1940

 252.6520, 1.1000,
2.0920

 113.3850, 42.1770,
23.0810

 87.6020, 40.0680,
22.7560

 62.8190, 37.9590,
22.4310

 35.9160, 36.3080,
24.8200

 20.1770, 30.8990,

18.2190

■ 11.1770, 21.7310,
8.1550

■ 0.0000, 0.0000,
0.0000

■ 194.6630, 47.2660,
24.4660

■ 194.6630, 47.2660,
24.4660

■ 177.1210, 60.8360,
31.8440

■ 211.6180, 33.9710,
17.6110

■ 160.0520, 74.4520,
38.3880

■ 229.2740, 20.0800,
10.5440

■ 142.5100, 88.0220,
45.7660

■ 246.2290, 6.7850,
3.6890

■ 125.5550,
101.3170, 52.6210

■ 255.0000, -0.0000,
-0.0000

■ 107.8990,
115.2080, 59.6880

■ 90.9440, 128.5030,
66.5430

■ 82.1730, 135.2880,
70.2320

Harmonies

Analogous

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



195.9890, 26.0370, 29.2450



194.6630, 47.2660, 24.4660



192.8790, 54.9250, 12.3090

Triad

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



194.6630, 47.2660, 24.4660



184.5490, 1.7470, -26.1650



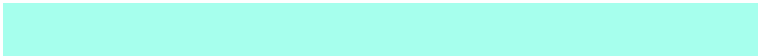
179.0780, -70.5610, -4.2650

Complementary

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



194.6630, 47.2660, 24.4660



226.3370, -47.2660, -24.4660

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.



171.2360, -83.3500, -20.2940



194.6630, 47.2660, 24.4660



179.3740, -31.4930, -29.4850

Square

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



194.6630, 47.2660, 24.4660



187.9610, 30.1260, -17.3460



173.3610, -65.0090, -27.8010



188.7280, -39.6160, 13.1200

Rectangle

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



194.6630, 47.2660, 24.4660



191.8750, 51.5800, 1.3400



173.3610, -65.0090, -27.8010



176.0830, -78.1250, -10.3570

Sweetspot

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



194.6630, 47.2660, 24.4660



238.0450, 13.2950, 6.8550



197.0760, 13.1510, 42.5190



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.



194.6630, 47.2660, 24.4660



182.5010, 56.7100, 29.5260



207.2860, 46.1690, 5.7930



119.1150, 7.1060, 3.3780



61.5550, 101.3170, 52.6210



20.6180, 33.9710, 17.6110

Inverse Universe

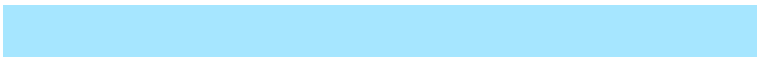
The Inverse Universe completely reimagines the original color for something new.



194.6630, 47.2660, 24.4660



182.5010, 56.7100, 29.5260



213.7140, -46.1690, -5.7930



119.1150, 7.1060, 3.3780



61.5550, 101.3170, 52.6210



20.6180, 33.9710, 17.6110

Previews

White Background



This preview shows how the YIQ color 194.6630, 47.2660, 24.4660 looks on a white background.

Color Contrast Check

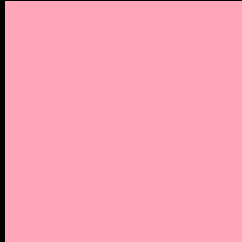
Large Text (above 18pt) WCAG AA × Fail

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 194.6630, 47.2660, 24.4660 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 194.6630, 47.2660, 24.4660

Background



This preview shows how black text looks on a background with the YIQ color 194.6630, 47.2660, 24.4660.



This preview shows how white text looks on a background with the YIQ color 194.6630, 47.2660,

24.4660.

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

194.6630, 47.2660, 24.4660

Protanopia

191.8090, -0.7800, 3.1240

Deuteranopia

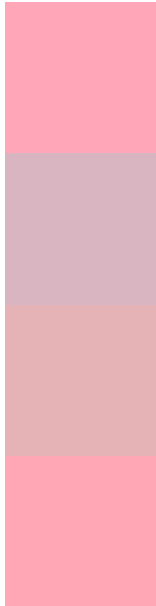
193.2150, 18.5680, 4.9040



Tritanopia

194.6800, 48.5960, 22.3880

Trichromacy



Original Color

194.6630, 47.2660, 24.4660

Protanomaly

192.8330, 17.0080, 11.1520

Deuteranomaly

193.7050, 29.1120, 12.0560

Tritanomaly

194.9080, 47.9540, 23.0100

Monochromacy



Original Color

194.6630, 47.2660, 24.4660

Achromatopsia

195.0000, -0.0000, 0.0000

Achromatomaly

194.6650, 17.4210, 9.1730

CSS Examples

Text

The CSS property to change the color of the text to YIQ 194.6630, 47.2660, 24.4660 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, 166, 184)` looks like.

```
.text, #text, p{  
    color:rgb(255, 166, 184)  
}
```

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, 166, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 166, 184) }
```

Border

The CSS property to change the border of an element to YIQ 194.6630, 47.2660, 24.4660 is called "border". The border property can be set on classes, ids or directly on the HTML element.

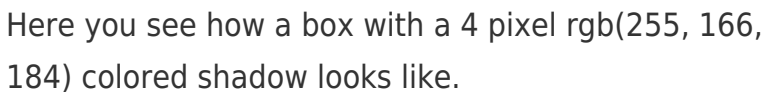
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(255, 166, 184) }
```


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

```
.border{ border-color:rgb(255, 166, 184) }
```

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



Here you see how a box with a 4 pixel `rgb(255, 166, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 166, 184); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 166, 184); box-shadow:4px 4px 4px 4px rgb(255, 166, 184) }
```

Background

The CSS property to change the background color of an element to YIQ 194.6630, 47.2660, 24.4660 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 166, 184) }
```

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

```
.background{ background-color: rgb(255,  
166, 184) }
```

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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