

Converting Colors

YIQ(174.9620, 47.8620, 24.6780)

Have a look what the booklet for
YIQ(174.9620, 47.8620, 24.6780)
contains.

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Color

**YIQ(174.9620, 47.8620,
24.6780)**

Conversions

Conversions Part 1

Format	Color
Hex	EC92A4
RGB	236, 146, 164
RGB Percent	93%, 57%, 64%
CMY	0.0743, 0.4276, 0.3567
CMYK	0.00, 0.38, 0.31, 0.07
HSL	348°, 70%, 75%
HSV	348°, 38%, 93%
XYZ	51.5891, 41.0708, 40.3516
YIQ	174.9620, 47.8620, 24.6780

Conversions

Conversions Part 2

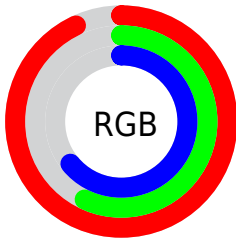
Format	Color
R _Y B	236, 146, 164
Decimal	15504036
CIE Lab	70.23, 36.20, 5.01
CIE LCh	70, 36.542, 7.875
Yxy	41.0708, 0.3879, 0.3088
Android (android.graphics.Color)	4293694116 (0xFFEC92A4)
YUV	174.9620, -5.4043, 53.5303
Hunter-Lab	64.0865, 31.5397, 7.5290

Details

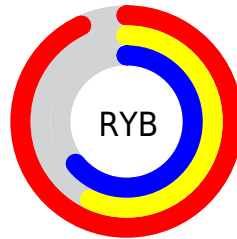
The YIQ color **174.9620, 47.8620, 24.6780** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **207.0380, -47.8620, -24.6780**, and the grayscale version is **175.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **219.1980, 26.4060, 17.0460**, and **121.1680, 44.2860, 23.4060** is the 20% darker color. If you saturate the color by 10%, you get **158.7080, 60.5610, 31.3210**, and if you desaturate by 10%, it is **191.2160, 35.1630, 18.0350**.

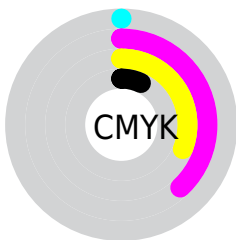
Distribution



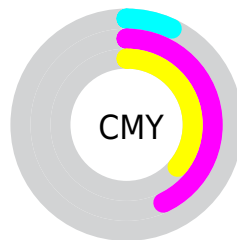
- Red (93%)
- Green (57%)
- Blue (64%)



- Red (93%)
- Yellow (57%)
- Blue (64%)



- Cyan (0%)
- Magenta (38%)
- Yellow (31%)
- Black (7%)





- Cyan (7%)
- Magenta (43%)
- Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 174.9620, 47.8620, 24.6780 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 174.9620, 47.8620, 24.6780 by changing the saturation by 10% instead.


 174.9620, 47.8620,
24.6780

 174.9620, 47.8620,
24.6780


255.0000, -0.0000,
-0.0000


 147.4780, 46.3490,
24.5650


 219.1980, 26.4060,
17.0460


 121.1680, 44.2860,
23.4060

 238.8260, 9.7180,
11.1100

 95.3850, 42.1770,
23.0810

 69.7160, 39.7470,
23.0670

 43.2860, 38.1420,
24.6220

 23.2530, 33.7410,
21.7810

 14.5800, 27.9660,

10.7980

■ 0.0000, 0.0000,
0.0000

■ 174.9620, 47.8620,
24.6780

■ 174.9620, 47.8620,
24.6780

■ 158.7080, 60.5610,
31.3210

■ 191.2160, 35.1630,
18.0350

■ 143.0410, 72.9850,
37.4410

■ 206.8830, 22.7390,
11.9150

■ 126.7870, 85.6840,
44.0840

■ 223.1370, 10.0400,
5.2720

■ 111.2340, 97.7870,
50.5150

■ 238.8040, -2.3840,
-0.8480

■ 94.9800, 110.4860,
57.1580

■ 249.3190,
-11.3240, -4.0280

■ 78.7260, 123.1850,
63.8010

■ 75.9220, 125.5690,
64.6490

Harmonies

Analogous

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



176.5870, 27.2290, 29.6690



174.9620, 47.8620, 24.6780



173.4660, 54.6500, 11.7860

Triad

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



174.9620, 47.8620, 24.6780



164.8370, 0.8760, -26.9000



158.0990, -75.0540, -5.4380

Complementary

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



174.9620, 47.8620, 24.6780



207.0380, -47.8620, -24.6780

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.



146.3700, -95.5910, -24.2230



174.9620, 47.8620, 24.6780



159.5910, -33.6020, -29.8100

Square

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



174.9620, 47.8620, 24.6780



168.8360, 28.9800, -18.6040



151.4850, -71.2900, -29.6100



169.5430, -40.5330, 13.2190

Rectangle

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



174.9620, 47.8620, 24.6780



171.7610, 51.9010, 1.0290



151.4850, -71.2900, -29.6100



153.3210, -84.7270, -11.8550

Sweetspot

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



174.9620, 47.8620, 24.6780



236.0560, 14.7620, 7.8020



177.4890, 13.4260, 43.0420



116.4250, 9.1690, 4.5370



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.



174.9620, 47.8620, 24.6780



175.6050, 62.3490, 31.9570



187.5850, 46.7650, 6.0050



109.5170, 5.9140, 2.9540



58.2230, 96.3200, 49.5680



17.4000, 28.6530, 14.8690

Inverse Universe

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



174.9620, 47.8620, 24.6780



175.6050, 62.3490, 31.9570



194.4150, -46.7650, -6.0050



109.5170, 5.9140, 2.9540



58.2230, 96.3200, 49.5680



17.4000, 28.6530, 14.8690

Previews

White Background



This preview shows how the YIQ color 174.9620, 47.8620, 24.6780 looks on a white background.

Color Contrast Check

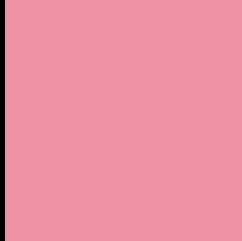
Large Text (above 18pt) WCAG AA × Fail

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 174.9620, 47.8620, 24.6780 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

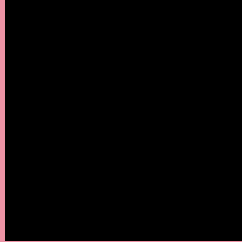
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 174.9620, 47.8620, 24.6780

Background



This preview shows how black text looks on a background with the YIQ color 174.9620, 47.8620, 24.6780.



This preview shows how white text looks on a background with the YIQ color 174.9620, 47.8620,

24.6780.

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

174.9620, 47.8620, 24.6780

Protanopia

172.3960, -1.0550, 2.6010

Deuteranopia

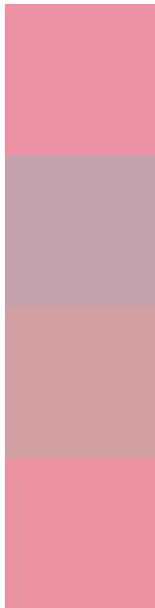
173.3890, 18.0180, 3.8580



Tritanopia

174.5660, 48.9170, 22.0770

Trichromacy



Original Color

174.9620, 47.8620, 24.6780

Protanomaly

173.4200, 16.7330, 10.6290

Deuteranomaly

174.1780, 29.1580, 11.2220

Tritanomaly

174.7940, 48.2750, 22.6990

Monochromacy



Original Color

174.9620, 47.8620, 24.6780

Achromatopsia

175.0000, -0.0000, -0.0000

Achromatomaly

174.6650, 17.4210, 9.1730

CSS Examples

Text

The CSS property to change the color of the text to YIQ 174.9620, 47.8620, 24.6780 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(236, 146, 164)` looks like.

```
.text, #text, p{  
    color:rgb(236, 146, 164)  
}
```

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(236, 146, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 146, 164) }
```

Border

The CSS property to change the border of an element to YIQ 174.9620, 47.8620, 24.6780 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(236, 146, 164) }
```


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

```
.border{ border-color:rgb(236, 146, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(236, 146, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 146, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 146, 164);  
box-shadow:4px 4px 4px 4px rgb(236, 146,  
164) }
```

Background

The CSS property to change the background color of an element to YIQ 174.9620, 47.8620, 24.6780 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 146, 164) }
```

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

```
.background{ background-color: rgb(236,  
146, 164) }
```

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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