

Converting Colors

YIQ(168.2070, 74.9130, 24.5210)

Have a look what the booklet for
YIQ(168.2070, 74.9130, 24.5210)
contains.

YIQ(168.2070, 74.9130, 24.5210)	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(168.2070, 74.9130,
24.5210)**

Conversions

Conversions Part 1

Format	Color
Hex	FF847F
RGB	255, 132, 127
RGB Percent	100%, 52%, 50%
CMY	0.0000, 0.4825, 0.5017
CMYK	0.00, 0.48, 0.50, 0.00
HSL	2°, 100%, 75%
HSV	2°, 50%, 100%
XYZ	53.3200, 39.2828, 24.8770
YIQ	168.2070, 74.9130, 24.5210

Conversions

Conversions Part 2

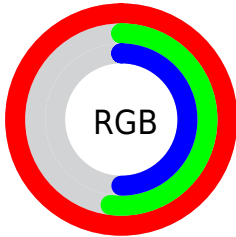
Format	Color
R _Y B	255, 132, 127
Decimal	16745599
CIE Lab	68.96, 46.18, 24.21
CIE LCh	69, 52.142, 27.663
Yxy	39.2828, 0.4539, 0.3344
Android (android.graphics.Color)	4294935679 (0xFFFF847F)
YUV	168.2070, -20.3151, 76.1175
Hunter-Lab	62.6760, 42.1714, 20.3402

Details

The YIQ color **168.2070, 74.9130, 24.5210** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **213.7930, -74.9130, -24.5210**, and the grayscale version is **168.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **206.5340, 42.7750, 12.2390**, and **113.2710, 68.8610, 24.0690** is the 20% darker color. If you saturate the color by 10%, you get **150.6820, 89.8130, 29.8210**, and if you desaturate by 10%, it is **185.2590, 59.9670, 20.0550**.

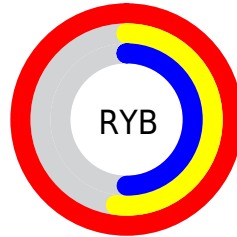
Distribution



Red (100%)

Green (52%)

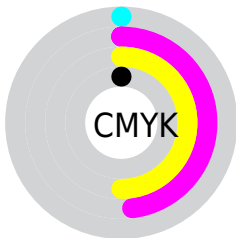
Blue (50%)



Red (100%)

Yellow (52%)

Blue (50%)

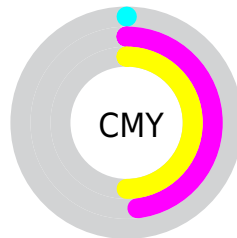


Cyan (0%)

Magenta (48%)

Yellow (50%)

Black (0%)



Cyan (0%)


Magenta (48%)


Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 168.2070, 74.9130, 24.5210 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 168.2070, 74.9130, 24.5210 by changing the saturation by 10% instead.


 168.2070, 74.9130,
24.5210


 168.2070, 74.9130,
24.5210


255.0000, -0.0000,
-0.0000

 140.2390, 71.8870,
24.2950


 206.5340, 42.7750,
12.2390


 113.2710, 68.8610,
24.0690


 226.6350, 26.1330,
5.4690

 85.8300, 65.7890,
24.6770

 246.9640, 8.8490,
-0.6790

 57.1550, 63.4960,
27.6880

 33.1760, 59.0030,
26.5150

 23.0230, 45.8920,
16.3240

 15.4770, 29.7540,

11.4340

■ 0.0000, 0.0000,
0.0000

■ 168.2070, 74.9130,
24.5210

■ 168.2070, 74.9130,
24.5210

■ 150.6820, 89.8130,
29.8210

■ 185.2590, 59.9670,
20.0550

■ 133.6300,
104.7590, 34.2870

■ 202.7840, 45.0670,
14.7550

■ 116.1050,
119.6590, 39.5870

■ 220.4230, 29.8460,
9.7660

■ 99.0530, 134.6050,
44.0530

■ 237.3610, 15.2210,
4.9890

■ 82.1150, 149.2300,
48.8300

■ 255.0000, -0.0000,
-0.0000

Harmonies

Analogous

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



170.3200, 59.1380, 40.5940



168.2070, 74.9130, 24.5210



166.7000, 71.0660, 0.6180

Triad

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



168.2070, 74.9130, 24.5210



151.0880, -34.1040, -42.7440



150.9420, -90.3690, 2.2950

Complementary

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



168.2070, 74.9130, 24.5210



213.7930, -74.9130, -24.5210

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.



137.3400, -130.4370, -20.4610



168.2070, 74.9130, 24.5210



131.2860, -105.1230, -49.7230

Square

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



168.2070, 74.9130, 24.5210



159.1680, 15.6410, -35.6790



136.1710, -120.2560, -34.2720



170.2220, -25.7270, 31.2410

Rectangle

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



168.2070, 74.9130, 24.5210



165.1570, 58.8730, -15.1990



136.1710, -120.2560, -34.2720



134.1430, -131.0800, -14.3120

Sweetspot

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



168.2070, 74.9130, 24.5210



228.9490, 22.3730, 7.5330



179.4080, 36.4840, 65.7000



111.8770, 13.7080, 4.8760



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.



168.2070, 74.9130, 24.5210



151.2690, 89.5380, 29.2980



205.1880, 57.5880, -8.4280



118.8870, 7.7480, 2.7560



61.2180, 111.9110, 36.8310



20.3100, 37.5940, 12.5220

Inverse Universe

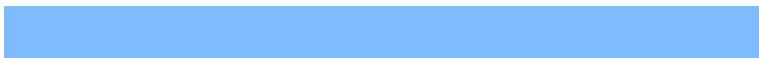
The Inverse Universe completely reimagines the original color for something new.



213.7930, -74.9130, -24.5210



205.7310, -89.5380, -29.2980



176.8120, -57.5880, 8.4280



123.5260, -7.4730, -2.2330



129.7820, -111.9110, -36.8310



43.1030, -37.3190, -11.9990

Previews

White Background



This preview shows how the YIQ color 168.2070, 74.9130, 24.5210 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 168.2070, 74.9130, 24.5210 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 168.2070, 74.9130, 24.5210

Background



This preview shows how black text looks on a background with the YIQ color 168.2070, 74.9130, 24.5210.



This preview shows how white text looks on a background with the YIQ color 168.2070, 74.9130,

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

168.2070, 74.9130, 24.5210

Protanopia

167.9550, 13.0680, -5.5560

Deuteranopia

168.8020, 35.4880, -4.3840



Tritanopia

169.1020, 71.0150, 29.0870

Trichromacy



Original Color

168.2070, 74.9130, 24.5210

Protanomaly

168.0120, 35.2570, 5.3130

Deuteranomaly

168.5530, 49.7910, 6.2310

Tritanomaly

168.5320, 72.6200, 27.5320

Monochromacy



Original Color

168.2070, 74.9130, 24.5210

Achromatopsia

168.0000, -0.0000, -0.0000

Achromatomaly

168.2270, 27.4620, 8.9180

CSS Examples

Text

The CSS property to change the color of the text to YIQ 168.2070, 74.9130, 24.5210 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, 132, 127)` looks like.

```
.text, #text, p{  
    color:rgb(255, 132, 127)  
}
```

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, 132, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 132, 127) }
```

Border

The CSS property to change the border of an element to YIQ 168.2070, 74.9130, 24.5210 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, 132, 127) }
```


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

```
.border{ border-color:rgb(255, 132, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 132, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 132, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 132, 127);  
box-shadow:4px 4px 4px 4px rgb(255, 132,  
127) }
```

Background

The CSS property to change the background color of an element to YIQ 168.2070, 74.9130, 24.5210 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 132, 127) }
```

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

```
.background{ background-color: rgb(255,  
132, 127) }
```

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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