

Converting Colors

YIQ(164.4900, 72.4380, 19.8140)

Have a look what the booklet for
YIQ(164.4900, 72.4380, 19.8140)
contains.

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Color

**YIQ(164.4900, 72.4380,
19.8140)**

Conversions

Conversions Part 1

Format	Color
Hex	F68476
RGB	246, 132, 118
RGB Percent	96%, 52%, 46%
CMY	0.0350, 0.4825, 0.5370
CMYK	0.00, 0.46, 0.52, 0.04
HSL	7°, 88%, 71%
HSV	7°, 52%, 96%
XYZ	49.5488, 37.4043, 21.7715
YIQ	164.4900, 72.4380, 19.8140

Conversions

Conversions Part 2

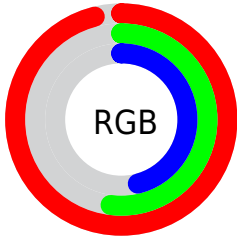
Format	Color
RYB	246, 134, 118
Decimal	16155766
CIELab	67.58, 42.15, 27.15
CIELCh	68, 50.141, 32.785
Yxy	37.4043, 0.4557, 0.3440
Android (android.graphics.Color)	4294345846 (0xFFFF68476)
YUV	164.4900, -22.9196, 71.4843
Hunter-Lab	61.1590, 37.5859, 21.7052

Details

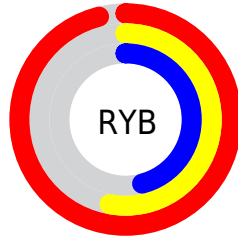
The YIQ color **164.4900, 72.4380, 19.8140** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **199.5100, -72.4380, -19.8140**, and the grayscale version is **165.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **205.3940, 45.9850, 9.1290**, and **110.1410, 66.1110, 18.8390** is the 20% darker color. If you saturate the color by 10%, you get **148.7260, 86.5130, 23.5450**, and if you desaturate by 10%, it is **180.2540, 58.3630, 16.0830**.

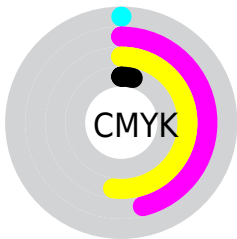
Distribution



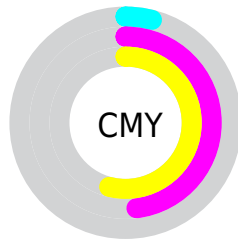
- Red (96%)
- Green (52%)
- Blue (46%)



- Red (96%)
- Yellow (53%)
- Blue (46%)



- Cyan (0%)
- Magenta (46%)
- Yellow (52%)
- Black (4%)



- Cyan (4%)
- Magenta (48%)
- Yellow (54%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 164.4900, 72.4380, 19.8140 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 164.4900, 72.4380, 19.8140 by changing the saturation by 10% instead.

 164.4900, 72.4380,
19.8140


 164.4900, 72.4380,
19.8140


255.0000, -0.0000,
-0.0000


 136.8210, 70.0080,
19.8000


 205.3940, 45.9850,
9.1290

 109.6680, 66.0650,
19.6730


 225.0220, 29.2970,
3.1930


 83.7000, 63.0390,
19.4470

 245.2370, 12.3340,
-3.2660

 56.1990, 60.1960,
21.4120

254.8860, 0.3210,
-0.3110

 29.3020, 58.4080,
20.7760

 20.6310, 41.1240,
14.6280

 13.2700, 25.9030,

9.6390

■ 0.0000, 0.0000,
0.0000

■ 164.4900, 72.4380,
19.8140

■ 164.4900, 72.4380,
19.8140

■ 148.7260, 86.5130,
23.5450

■ 180.2540, 58.3630,
16.0830

■ 133.0760,
100.2670, 27.5870

■ 195.9040, 44.6090,
12.0410

■ 117.3120,
114.3420, 31.3180

■ 211.6680, 30.5340,
8.3100

■ 101.6620,
128.0960, 35.3600

■ 227.4320, 16.4590,
4.5790

■ 89.4030, 139.1910,
38.0310

■ 243.0820, 2.7050,
0.5370

252.3090, -5.3640,
-1.9080

Harmonies

Analogous

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



166.5820, 61.1560, 37.0600



164.4900, 72.4380, 19.8140



162.8410, 66.1150, -3.2690

Triad

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



164.4900, 72.4380, 19.8140



145.8360, -42.0820, -41.3300



154.8950, -73.8190, 10.7330

Complementary

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



164.4900, 72.4380, 19.8140



199.5100, -72.4380, -19.8140

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.



133.4760, -127.8240, -18.2560



164.4900, 72.4380, 19.8140



128.9210, -105.3530, -45.5530

Square

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



164.4900, 72.4380, 19.8140



154.8620, 7.7550, -35.9330



133.3500, -119.2020, -31.3460



167.8380, -15.7780, 32.6540

Rectangle

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



164.4900, 72.4380, 19.8140



161.0530, 53.2340, -17.6300



133.3500, -119.2020, -31.3460



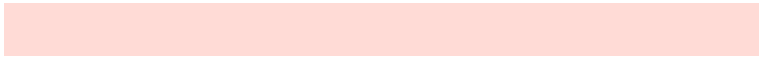
143.0650, -104.0770, -2.5810

Sweetspot

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



164.4900, 72.4380, 19.8140



229.1940, 23.0610, 6.0770



169.3820, 39.3730, 62.9010



112.2360, 14.0750, 3.7310



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.



164.4900, 72.4380, 19.8140



154.2210, 89.4930, 24.6050



201.4710, 55.1130, -13.1350



114.1750, 6.8770, 2.0210



67.3540, 105.3560, 28.9720



21.1630, 33.5140, 9.3700

Inverse Universe

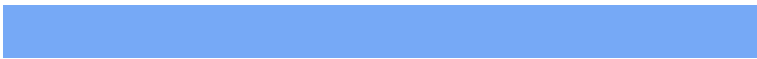
The Inverse Universe completely reimagines the original color for something new.



199.5100, -72.4380, -19.8140



197.7790, -89.4930, -24.6050



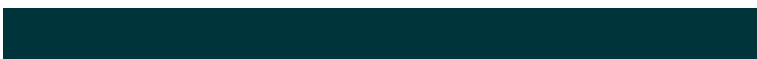
162.5290, -55.1130, 13.1350



117.8250, -6.8770, -2.0210



118.6460, -105.3560, -28.9720



37.2500, -33.2390, -8.8470

Previews

White Background



This preview shows how the YIQ color 164.4900, 72.4380, 19.8140 looks on a white background.

Color Contrast Check

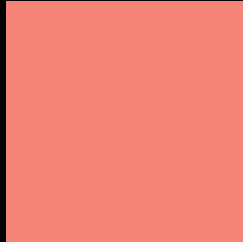
Large Text (above 18pt) WCAG AA × Fail

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 164.4900, 72.4380, 19.8140 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 164.4900, 72.4380, 19.8140

Background



This preview shows how black text looks on a background with the YIQ color 164.4900, 72.4380, 19.8140.



This preview shows how white text looks on a background with the YIQ color 164.4900, 72.4380,

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

164.4900, 72.4380, 19.8140

Protanopia

164.3420, 16.2320, -7.8320

Deuteranopia

164.5310, 37.6890, -5.7270



Tritanopia

165.3080, 67.4390, 27.8150

Trichromacy



Original Color

164.4900, 72.4380, 19.8140

Protanomaly

164.5020, 36.6330, 2.4010

Deuteranomaly

164.8580, 50.2500, 3.4180

Tritanomaly

165.0970, 69.4110, 25.1150

Monochromacy



Original Color

164.4900, 72.4380, 19.8140

Achromatopsia

164.0000, 0.0000, -0.0000

Achromatomaly

163.9880, 26.6370, 7.3490

CSS Examples

Text

The CSS property to change the color of the text to YIQ 164.4900, 72.4380, 19.8140 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(246, 132, 118)` looks like.

```
.text, #text, p{  
    color:rgb(246, 132, 118)  
}
```

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(246, 132, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 132, 118) }
```

Border

The CSS property to change the border of an element to YIQ 164.4900, 72.4380, 19.8140 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(246, 132, 118) }
```


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

```
.border{ border-color:rgb(246, 132, 118) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 132, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 132, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 132, 118);  
box-shadow:4px 4px 4px 4px rgb(246, 132,  
118) }
```

Background

The CSS property to change the background color of an element to YIQ 164.4900, 72.4380, 19.8140 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 132, 118) }
```

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

```
.background{ background-color: rgb(246,  
132, 118) }
```

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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