

Converting Colors

YIQ(165.4660, 72.9860, 31.9140)

Have a look what the booklet for
YIQ(165.4660, 72.9860, 31.9140)
contains.

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Color

**YIQ(165.4660, 72.9860,
31.9140)**

Conversions

Conversions Part 1

Format	Color
Hex	FF7D8B
RGB	255, 125, 139
RGB Percent	100%, 49%, 55%
CMY	0.0000, 0.5100, 0.4546
CMYK	0.00, 0.51, 0.45, 0.00
HSL	353°, 100%, 74%
HSV	353°, 51%, 100%
XYZ	53.2321, 37.7796, 28.9399
YIQ	165.4660, 72.9860, 31.9140

Conversions

Conversions Part 2

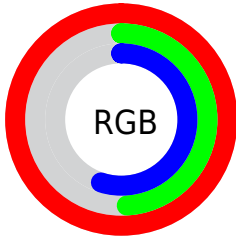
Format	Color
R _Y B	255, 125, 139
Decimal	16743819
CIE Lab	67.86, 50.69, 15.99
CIE LCh	68, 53.150, 17.511
Yxy	37.7796, 0.4438, 0.3150
Android (android.graphics.Color)	4294933899 (0xFFFF7D8B)
YUV	165.4660, -13.0477, 78.5213
Hunter-Lab	61.4651, 47.0268, 15.1098

Details

The YIQ color **165.4660, 72.9860, 31.9140** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **214.5340, -72.9860, -31.9140**, and the grayscale version is **166.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **203.7930, 40.8480, 19.6320**, and **109.8290, 67.5300, 31.6740** is the 20% darker color. If you saturate the color by 10%, you get **147.5820, 87.5190, 38.3590**, and if you desaturate by 10%, it is **182.7630, 58.7280, 25.9920**.

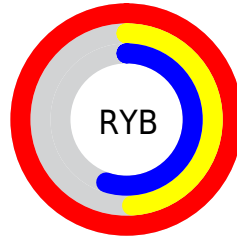
Distribution



Red (100%)

Green (49%)

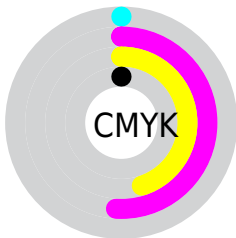
Blue (55%)



Red (100%)

Yellow (49%)

Blue (55%)

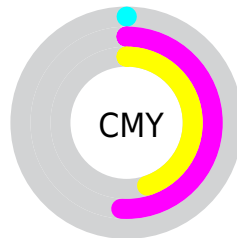


Cyan (0%)

Magenta (51%)

Yellow (45%)

Black (0%)



Cyan (0%)


Magenta (51%)

Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 165.4660, 72.9860, 31.9140 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 165.4660, 72.9860, 31.9140 by changing the saturation by 10% instead.


 165.4660, 72.9860,
31.9140


 165.4660, 72.9860,
31.9140


255.0000, -0.0000,
-0.0000


 137.4980, 69.9600,
31.6880


 203.7930, 40.8480,
19.6320


 109.8290, 67.5300,
31.6740


 224.0080, 23.8850,
13.1730

 81.2140, 65.0080,
33.3280

 244.3370, 6.6010,
7.0250

 47.7290, 65.2360,
40.2120

 34.4300, 55.4720,
29.9360

 23.3220, 46.4880,
16.5360

 15.4770, 29.7540,

11.4340

■ 0.0000, 0.0000,
0.0000

■ 165.4660, 72.9860,
31.9140

■ 165.4660, 72.9860,
31.9140

■ 147.5820, 87.5190,
38.3590

■ 182.7630, 58.7280,
25.9920

■ 130.3990,
101.4560, 44.5920

■ 200.6470, 44.1950,
19.5470

■ 112.5150,
115.9890, 51.0370

■ 217.8300, 30.2580,
13.3140

■ 95.2180, 130.2470,
56.9590

■ 235.7140, 15.7250,
6.8690

■ 79.4370, 142.9920,
62.7680

■ 253.0110, 1.4670,
0.9470

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.



168.2360, 50.7470, 43.9870



165.4660, 72.9860, 31.9140



164.3080, 75.4660, 8.9860

Triad

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



165.4660, 72.9860, 31.9140



150.8960, -15.9480, -41.3880



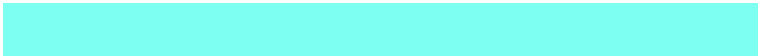
132.3820, -130.2550, -12.7430

Complementary

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



165.4660, 72.9860, 31.9140



214.5340, -72.9860, -31.9140

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.



135.9720, -126.5850, -24.1930



165.4660, 72.9860, 31.9140



126.6580, -97.6030, -53.8510

Square

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



165.4660, 72.9860, 31.9140



157.8770, 29.7620, -32.7820



132.9450, -113.9280, -38.8240



163.6430, -46.2660, 23.5100

Rectangle

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



165.4660, 72.9860, 31.9140



163.0920, 66.6660, -7.7500



132.9450, -113.9280, -38.8240



134.5020, -130.7130, -15.4570

Sweetspot

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



165.4660, 72.9860, 31.9140



228.8180, 21.3640, 9.3000



174.2050, 26.8100, 64.8100



112.1050, 13.0660, 5.4980



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.



165.4660, 72.9860, 31.9140



147.5820, 87.5190, 38.3590



193.2200, 63.7300, 1.4100



119.0010, 7.4270, 3.0670



59.5030, 107.0950, 47.0230



19.9340, 35.8970, 15.7450

Inverse Universe

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



165.4660, 72.9860, 31.9140



147.5820, 87.5190, 38.3590



186.7800, -63.7300, -1.4100



119.0010, 7.4270, 3.0670



59.5030, 107.0950, 47.0230



19.9340, 35.8970, 15.7450

Previews

White Background



This preview shows how the YIQ color 165.4660, 72.9860, 31.9140 looks on a white background.

Color Contrast Check

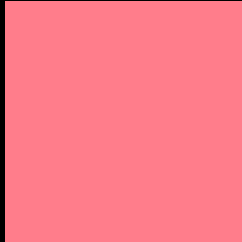
Large Text (above 18pt) WCAG AA × Fail

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 165.4660, 72.9860, 31.9140 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 165.4660, 72.9860, 31.9140

Background



This preview shows how black text looks on a background with the YIQ color 165.4660, 72.9860, 31.9140.



This preview shows how white text looks on a background with the YIQ color 165.4660, 72.9860,

31.9140.

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

165.4660, 72.9860, 31.9140

Protanopia

165.9250, 4.5850, -0.4950

Deuteranopia

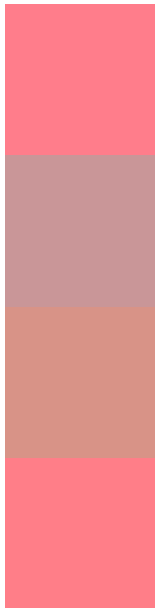
166.2020, 28.6100, -0.8780



Tritanopia

165.5970, 73.9950, 30.1470

Trichromacy



Original Color

165.4660, 72.9860, 31.9140

Protanomaly

165.4770, 29.7540, 11.4340

Deuteranomaly

166.2630, 44.9760, 10.8960

Tritanomaly

165.7110, 73.6740, 30.4580

Monochromacy



Original Color

165.4660, 72.9860, 31.9140

Achromatopsia

165.0000, -0.0000, -0.0000

Achromatomaly

165.0360, 26.6820, 12.0420

CSS Examples

Text

The CSS property to change the color of the text to YIQ 165.4660, 72.9860, 31.9140 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, 125, 139)` looks like.

```
.text, #text, p{  
    color:rgb(255, 125, 139)  
}
```

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, 125, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 125, 139) }
```

Border

The CSS property to change the border of an element to YIQ 165.4660, 72.9860, 31.9140 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, 125, 139) }
```


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

```
.border{ border-color:rgb(255, 125, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 125, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 125, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 125, 139);  
box-shadow:4px 4px 4px 4px rgb(255, 125,  
139) }
```

Background

The CSS property to change the background color of an element to YIQ 165.4660, 72.9860, 31.9140 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 125, 139) }
```

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

```
.background{ background-color: rgb(255,  
125, 139) }
```

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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