

Converting Colors

YIQ(163.2980, 73.3990, 29.9350)

Have a look what the booklet for
YIQ(163.2980, 73.3990, 29.9350)
contains.

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Color

**YIQ(163.2980, 73.3990,
29.9350)**

Conversions

Conversions Part 1

Format	Color
Hex	FC7C85
RGB	252, 124, 133
RGB Percent	99%, 49%, 52%
CMY	0.0115, 0.5139, 0.4781
CMYK	0.00, 0.51, 0.47, 0.01
HSL	356°, 96%, 74%
HSV	356°, 51%, 99%
XYZ	51.6131, 36.8075, 26.6008
YIQ	163.2980, 73.3990, 29.9350

Conversions

Conversions Part 2

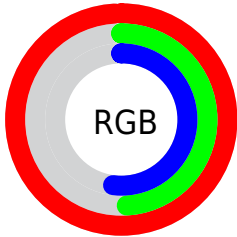
Format	Color
R _Y B	252, 124, 133
Decimal	16546949
CIE Lab	67.13, 49.59, 18.30
CIE LCh	67, 52.863, 20.258
Yxy	36.8075, 0.4487, 0.3200
Android (android.graphics.Color)	4294737029 (0xFFFC7C85)
YUV	163.2980, -14.9369, 77.7917
Hunter-Lab	60.6692, 45.6842, 16.4723

Details

The YIQ color **163.2980, 73.3990, 29.9350** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **212.7020, -73.3990, -29.9350**, and the grayscale version is **163.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **202.5220, 43.0490, 18.2890**, and **107.7750, 67.6220, 30.0060** is the 20% darker color. If you saturate the color by 10%, you get **146.0010, 87.6570, 35.8570**, and if you desaturate by 10%, it is **180.5950, 59.1410, 24.0130**.

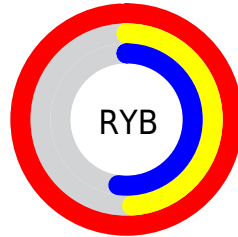
Distribution



Red (99%)

Green (49%)

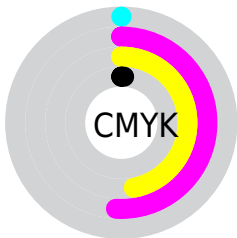
Blue (52%)



Red (99%)

Yellow (49%)

Blue (52%)

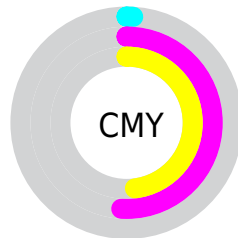


Cyan (0%)

Magenta (51%)

Yellow (47%)

Black (1%)



Cyan (1%)


Magenta (51%)


Yellow (48%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 163.2980, 73.3990, 29.9350 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 163.2980, 73.3990, 29.9350 by changing the saturation by 10% instead.

 163.2980, 73.3990,
29.9350


 163.2980, 73.3990,
29.9350


255.0000, -0.0000,
-0.0000


 135.3300, 70.3730,
29.7090


 202.5220, 43.0490,
18.2890


 107.7750, 67.6220,
30.0060


 222.7370, 26.0860,
11.8300

 79.7470, 64.8250,
31.1370

 242.9520, 9.1230,
5.3710

 46.2620, 65.0530,
38.0210

 32.9630, 55.2890,
27.7450

 22.4250, 44.7000,
15.9000

 14.5800, 27.9660,

10.7980

■ 0.0000, 0.0000,
0.0000

■ 163.2980, 73.3990,
29.9350

■ 163.2980, 73.3990,
29.9350

■ 146.0010, 87.6570,
35.8570

■ 180.5950, 59.1410,
24.0130

■ 128.5900,
102.2360, 41.4680

■ 198.0060, 44.5620,
18.4020

■ 110.7060,
116.7690, 47.9130

■ 215.8900, 30.0290,
11.9570

■ 93.2950, 131.3480,
53.5240

■ 233.3010, 15.4500,
6.3460

■ 77.4000, 144.4140,
59.0220

■ 250.5980, 1.1920,
0.4240

254.1030, -1.7880,
-0.6360

Harmonies

Analogous

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



166.0790, 52.6270, 42.9550



163.2980, 73.3990, 29.9350



162.3570, 73.7700, 6.6820

Triad

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



163.2980, 73.3990, 29.9350



148.4440, -20.4870, -41.7270



130.6210, -129.4300, -11.1740

Complementary

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



163.2980, 73.3990, 29.9350



212.7020, -73.3990, -29.9350

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.



134.3250, -126.0810, -22.3130



163.2980, 73.3990, 29.9350



125.8260, -98.0160, -51.8720

Square

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



163.2980, 73.3990, 29.9350



155.7840, 25.5900, -34.2660



131.9990, -114.0200, -37.1560



162.8610, -40.9480, 26.2520

Rectangle

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



163.2980, 73.3990, 29.9350



161.1410, 64.9700, -10.0540



131.9990, -114.0200, -37.1560



132.6270, -129.5670, -14.1990

Sweetspot

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



163.2980, 73.3990, 29.9350



228.5900, 22.0060, 8.6780



173.5750, 28.6440, 64.6120



111.9910, 13.3870, 5.1870



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.



163.2980, 73.3990, 29.9350



147.0120, 89.1240, 36.8040



193.3830, 61.7130, -0.5830



116.0010, 7.4270, 3.0670



57.9930, 108.4710, 44.1110



18.6950, 35.0720, 14.1760

Inverse Universe

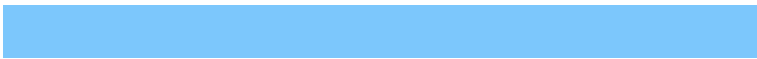
The Inverse Universe completely reimagines the original color for something new.



163.2980, 73.3990, 29.9350



147.0120, 89.1240, 36.8040



182.6170, -61.7130, 0.5830



116.0010, 7.4270, 3.0670



57.9930, 108.4710, 44.1110



18.6950, 35.0720, 14.1760

Previews

White Background



This preview shows how the YIQ color 163.2980, 73.3990, 29.9350 looks on a white background.

Color Contrast Check

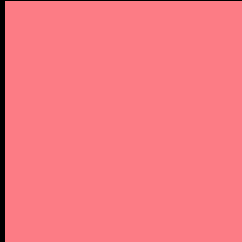
Large Text (above 18pt) WCAG AA × Fail

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 163.2980, 73.3990, 29.9350 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 163.2980, 73.3990, 29.9350

Background



This preview shows how black text looks on a background with the YIQ color 163.2980, 73.3990, 29.9350.



This preview shows how white text looks on a background with the YIQ color 163.2980, 73.3990,

29.9350.

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

163.2980, 73.3990, 29.9350

Protanopia

163.6540, 6.7860, -1.8380

Deuteranopia

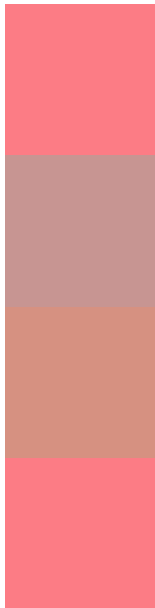
164.0450, 30.4900, -1.9100



Tritanopia

163.2980, 73.3990, 29.9350

Trichromacy



Original Color

163.2980, 73.3990, 29.9350

Protanomaly

163.6080, 30.7630, 9.6670

Deuteranomaly

163.8070, 46.2600, 9.6520

Tritanomaly

163.2980, 73.3990, 29.9350

Monochromacy



Original Color

163.2980, 73.3990, 29.9350

Achromatopsia

163.0000, -0.0000, -0.0000

Achromatomaly

163.0960, 26.4530, 10.6850

CSS Examples

Text

The CSS property to change the color of the text to YIQ 163.2980, 73.3990, 29.9350 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(252, 124, 133)` looks like.

```
.text, #text, p{  
    color:rgb(252, 124, 133)  
}
```

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(252, 124, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 124, 133) }
```

Border

The CSS property to change the border of an element to YIQ 163.2980, 73.3990, 29.9350 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(252, 124, 133) }
```


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

```
.border{ border-color:rgb(252, 124, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 124, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 124, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 124, 133);  
box-shadow:4px 4px 4px 4px rgb(252, 124,  
133) }
```

Background

The CSS property to change the background color of an element to YIQ 163.2980, 73.3990, 29.9350 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 124, 133) }
```

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

```
.background{ background-color: rgb(252,  
124, 133) }
```

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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