

Converting Colors

YIQ(162.7600, 71.9780, 28.1540)

Have a look what the booklet for
YIQ(162.7600, 71.9780, 28.1540)
contains.

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Color

**YIQ(162.7600, 71.9780,
28.1540)**

Conversions

Conversions Part 1

Format	Color
Hex	F97D83
RGB	249, 125, 131
RGB Percent	98%, 49%, 51%
CMY	0.0232, 0.5100, 0.4860
CMYK	0.00, 0.50, 0.47, 0.02
HSL	357°, 91%, 73%
HSV	357°, 50%, 98%
XYZ	50.5227, 36.4484, 25.8706
YIQ	162.7600, 71.9780, 28.1540

Conversions

Conversions Part 2

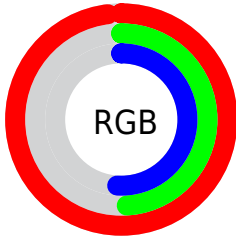
Format	Color
R _Y B	249, 125, 131
Decimal	16350595
CIE Lab	66.86, 47.87, 18.99
CIE LCh	67, 51.498, 21.639
Yxy	36.4484, 0.4477, 0.3230
Android (android.graphics.Color)	4294540675 (0xFFFF97D83)
YUV	162.7600, -15.6577, 75.6325
Hunter-Lab	60.3725, 43.7257, 16.8540

Details

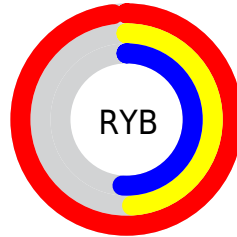
The YIQ color **162.7600, 71.9780, 28.1540** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **211.2400, -71.9780, -28.1540**, and the grayscale version is **163.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **202.8810, 43.4160, 17.1440**, and **107.8240, 65.9260, 27.7020** is the 20% darker color. If you saturate the color by 10%, you get **145.3490, 86.5570, 33.7650**, and if you desaturate by 10%, it is **180.1710, 57.3990, 22.5430**.

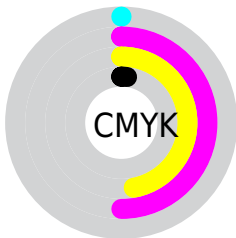
Distribution



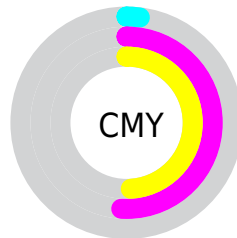
- Red (98%)
- Green (49%)
- Blue (51%)



- Red (98%)
- Yellow (49%)
- Blue (51%)



- Cyan (0%)
- Magenta (50%)
- Yellow (47%)
- Black (2%)



- Cyan (2%)
- Magenta (51%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 162.7600, 71.9780, 28.1540 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 162.7600, 71.9780, 28.1540 by changing the saturation by 10% instead.

162.7600, 71.9780,
28.1540

162.7600, 71.9780,
28.1540

255.0000, -0.0000,
-0.0000

135.0910, 69.5480,
28.1400

202.8810, 43.4160,
17.1440

107.2370, 66.2010,
28.2250

223.0960, 26.4530,
10.6850

80.0950, 63.7250,
29.0450

242.7240, 9.7650,
4.7490

48.0720, 62.5320,
34.1480

32.1370, 54.7390,
26.6990

21.5280, 42.9120,
15.2640

13.9820, 26.7740,

10.3740

■ 0.0000, 0.0000,
0.0000

■ 162.7600, 71.9780,
28.1540

■ 162.7600, 71.9780,
28.1540

■ 145.3490, 86.5570,
33.7650

■ 180.1710, 57.3990,
22.5430

■ 128.0520,
100.8150, 39.6870

■ 197.4680, 43.1410,
16.6210

■ 110.6410,
115.3940, 45.2980

■ 214.8790, 28.5620,
11.0100

■ 93.2300, 129.9730,
50.9090

■ 232.2900, 13.9830,
5.3990

■ 75.9330, 144.2310,
56.8310

■ 249.0000, -0.0000,
-0.0000

■ 75.8190, 144.5520,
56.5200

■ 253.2060, -3.5760,
-1.2720

Harmonies

Analogous

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



165.4380, 52.9940, 41.8100



162.7600, 71.9780, 28.1540



161.0470, 71.7070, 5.5230

Triad

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



162.7600, 71.9780, 28.1540



147.6010, -22.3670, -40.6950



129.3330, -128.5590, -10.4390

Complementary

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



162.7600, 71.9780, 28.1540



211.2400, -71.9780, -28.1540

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.



133.5100, -125.1640, -22.4120



162.7600, 71.9780, 28.1540



125.4670, -98.3830, -50.7270

Square

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



162.7600, 71.9780, 28.1540



154.6420, 23.1140, -33.4460



131.4120, -113.7450, -36.6330



163.0140, -37.0050, 26.3790

Rectangle

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



162.7600, 71.9780, 28.1540



160.0590, 62.2650, -10.5910



131.4120, -113.7450, -36.6330



131.8120, -128.6500, -14.2980

Sweetspot

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



162.7600, 71.9780, 28.1540



228.5900, 22.0060, 8.6780



174.4180, 30.5240, 63.5800



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.



162.7600, 71.9780, 28.1540



148.6590, 88.6200, 34.9240



194.9480, 58.5040, -3.0000



116.0010, 7.4270, 3.0670



57.5370, 109.7550, 42.8670



18.5810, 35.3930, 13.8650

Inverse Universe

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



162.7600, 71.9780, 28.1540



148.6590, 88.6200, 34.9240



179.0520, -58.5040, 3.0000



116.0010, 7.4270, 3.0670



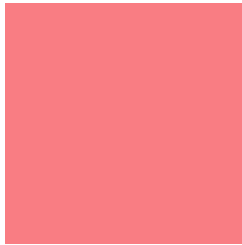
57.5370, 109.7550, 42.8670



18.5810, 35.3930, 13.8650

Previews

White Background



This preview shows how the YIQ color 162.7600, 71.9780, 28.1540 looks on a white background.

Color Contrast Check

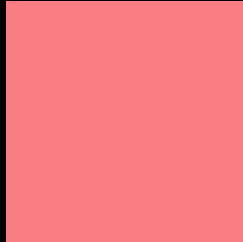
Large Text (above 18pt) WCAG AA × Fail

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 162.7600, 71.9780, 28.1540 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 162.7600, 71.9780, 28.1540

Background



This preview shows how black text looks on a background with the YIQ color 162.7600, 71.9780, 28.1540.



This preview shows how white text looks on a background with the YIQ color 162.7600, 71.9780,

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

162.7600, 71.9780, 28.1540

Protanopia

163.3120, 7.7490, -2.7710

Deuteranopia

163.0450, 30.4900, -1.9100



Tritanopia

162.9880, 71.3360, 28.7760

Trichromacy



Original Color

162.7600, 71.9780, 28.1540

Protanomaly

162.9670, 31.1300, 8.5220

Deuteranomaly

163.0950, 45.3890, 8.9170

Tritanomaly

162.8740, 71.6570, 28.4650

Monochromacy



Original Color

162.7600, 71.9780, 28.1540

Achromatopsia

163.0000, -0.0000, -0.0000

Achromatomaly

162.6830, 26.1780, 10.1620

CSS Examples

Text

The CSS property to change the color of the text to YIQ 162.7600, 71.9780, 28.1540 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(249, 125, 131)` looks like.

```
.text, #text, p{  
    color:rgb(249, 125, 131)  
}
```

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(249, 125, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 125, 131) }
```

Border

The CSS property to change the border of an element to YIQ 162.7600, 71.9780, 28.1540 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(249, 125, 131) }
```


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

```
.border{ border-color:rgb(249, 125, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 125, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 125, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 125, 131);  
box-shadow:4px 4px 4px 4px rgb(249, 125,  
131) }
```

Background

The CSS property to change the background color of an element to YIQ 162.7600, 71.9780, 28.1540 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 125, 131) }
```

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

```
.background{ background-color: rgb(249,  
125, 131) }
```

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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