

Converting Colors

YIQ(162.0120, 79.9560, 26.7400)

Have a look what the booklet for
YIQ(162.0120, 79.9560, 26.7400)
contains.

YIQ(162.0120, 79.9560, 26.7400)	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(162.0120, 79.9560,
26.7400)**

Conversions

Conversions Part 1

Format	Color
Hex	FF7B77
RGB	255, 123, 119
RGB Percent	100%, 48%, 47%
CMY	0.0000, 0.5178, 0.5330
CMYK	0.00, 0.52, 0.53, 0.00
HSL	2°, 100%, 73%
HSV	2°, 53%, 100%
XYZ	51.6508, 36.7460, 21.8489
YIQ	162.0120, 79.9560, 26.7400

Conversions

Conversions Part 2

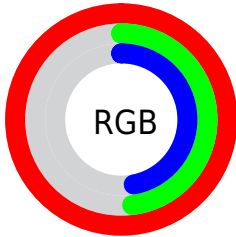
Format	Color
RYB	255, 123, 119
Decimal	16743287
CIELab	67.09, 49.89, 26.16
CIElCh	67, 56.335, 27.671
Yxy	36.7460, 0.4685, 0.3333
Android (android.graphics.Color)	4294933367 (0xFFFF7B77)
YUV	162.0120, -21.2049, 81.5505
Hunter-Lab	60.6185, 46.0108, 21.0629

Details

The YIQ color **162.0120, 79.9560, 26.7400** is a light color, and the websafe version is hex **FF6666**. A complement of this color would be **211.9880, -79.9560, -26.7400**, and the grayscale version is **162.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **200.2250, 48.1390, 14.1470**, and **106.3040, 73.2620, 26.9100** is the 20% darker color. If you saturate the color by 10%, you get **144.4870, 94.8560, 32.0400**, and if you desaturate by 10%, it is **179.6510, 64.7350, 21.7510**.

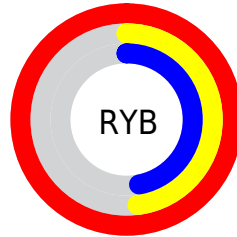
Distribution



Red (100%)

Green (48%)

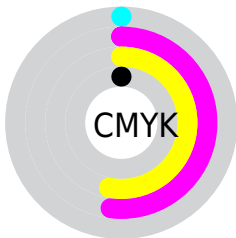
Blue (47%)



Red (100%)

Yellow (48%)

Blue (47%)

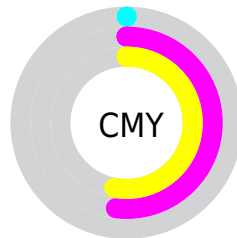


Cyan (0%)

Magenta (52%)

Yellow (53%)

Black (0%)



Cyan (0%)


Magenta (52%)


Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 162.0120, 79.9560, 26.7400 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 162.0120, 79.9560, 26.7400 by changing the saturation by 10% instead.


 162.0120, 79.9560,
26.7400

 162.0120, 79.9560,
26.7400


255.0000, -0.0000,
-0.0000


 134.0440, 76.9300,
26.5140


 200.2250, 48.1390,
14.1470


 106.3040, 73.2620,
26.9100


 220.4400, 31.1760,
7.6880

 78.2760, 70.4650,
28.0410

 240.6550, 14.2130,
1.2290

 43.4320, 70.3260,
36.0700

 31.3240, 61.3420,
22.6700

 22.4250, 44.7000,
15.9000

 14.5800, 27.9660,

10.7980

■ 0.0000, 0.0000,
0.0000

■ 162.0120, 79.9560,
26.7400

■ 162.0120, 79.9560,
26.7400

■ 144.4870, 94.8560,
32.0400

■ 179.6510, 64.7350,
21.7510

■ 126.8480,
110.0770, 37.0290

■ 197.1760, 49.8350,
16.4510

■ 109.9100,
124.7020, 41.8060

■ 214.2280, 34.8890,
11.9850

■ 92.2710, 139.9230,
46.7950

■ 231.7530, 19.9890,
6.6850

■ 80.3540, 150.0550,
50.3990

■ 249.3920, 4.7680,
1.6960

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.



164.1790, 64.0890, 44.4810



162.0120, 79.9560, 26.7400



160.7390, 75.3300, 0.4340

Triad

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



162.0120, 79.9560, 26.7400



143.2290, -39.0550, -46.6310



134.2420, -117.8770, -5.7890

Complementary

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



162.0120, 79.9560, 26.7400



211.9880, -79.9560, -26.7400

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.



135.1060, -129.6580, -18.0580



162.0120, 79.9560, 26.7400



128.3680, -102.4180, -49.1860

Square

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



162.0120, 79.9560, 26.7400



153.2450, 16.7420, -39.1140



134.1820, -118.7890, -33.3250



165.6070, -28.2490, 32.8950

Rectangle

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



162.0120, 79.9560, 26.7400



159.1420, 63.2290, -17.0510



134.1820, -118.7890, -33.3250



131.7950, -129.9800, -12.2200

Sweetspot

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



162.0120, 79.9560, 26.7400



226.8460, 24.1610, 8.1690



174.9400, 38.0420, 70.5060



111.0620, 14.6250, 4.7770



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.



162.0120, 79.9560, 26.7400



143.0850, 96.0480, 32.4640



200.7540, 61.8060, -7.7780



118.8870, 7.7480, 2.7560



60.0440, 112.4610, 37.8770



20.3100, 37.5940, 12.5220

Inverse Universe

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



211.9880, -79.9560, -26.7400



203.3280, -95.7730, -31.9410



173.2460, -61.8060, 7.7780



123.5260, -7.4730, -2.2330



130.9560, -112.4610, -37.8770



43.6900, -37.5940, -12.5220

Previews

White Background



This preview shows how the YIQ color 162.0120, 79.9560, 26.7400 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 162.0120, 79.9560, 26.7400 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 162.0120, 79.9560, 26.7400

Background



This preview shows how black text looks on a background with the YIQ color 162.0120, 79.9560, 26.7400.



This preview shows how white text looks on a background with the YIQ color 162.0120, 79.9560,

26.7400.

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

162.0120, 79.9560, 26.7400

Protanopia

163.0260, 14.3060, -5.9660

Deuteranopia

163.3460, 36.7720, -5.6280



Tritanopia

162.6790, 76.7000, 30.6840

Trichromacy



Original Color

162.0120, 79.9560, 26.7400

Protanomaly

162.3930, 38.5580, 6.0620

Deuteranomaly

163.1080, 52.5420, 5.9340

Tritanomaly

162.2230, 77.9840, 29.4400

Monochromacy



Original Color

162.0120, 79.9560, 26.7400

Achromatopsia

162.0000, -0.0000, 0.0000

Achromatomaly

162.1240, 29.2500, 9.5540

CSS Examples

Text

The CSS property to change the color of the text to YIQ 162.0120, 79.9560, 26.7400 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, 123, 119)` looks like.

```
.text, #text, p{  
    color:rgb(255, 123, 119)  
}
```

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, 123, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 123, 119) }
```

Border

The CSS property to change the border of an element to YIQ 162.0120, 79.9560, 26.7400 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, 123, 119) }
```


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

```
.border{ border-color:rgb(255, 123, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 123, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 123, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 123, 119);  
box-shadow:4px 4px 4px 4px rgb(255, 123,  
119) }
```

Background

The CSS property to change the background color of an element to YIQ 162.0120, 79.9560, 26.7400 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 123, 119) }
```

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

```
.background{ background-color: rgb(255,  
123, 119) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor