

Converting Colors

YIQ(185.6470, 53.3630, 29.6110)

Have a look what the booklet for
YIQ(185.6470, 53.3630, 29.6110)
contains.

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Color

**YIQ(185.6470, 53.3630,
29.6110)**

Conversions

Conversions Part 1

Format	Color
Hex	FF98B1
RGB	255, 152, 177
RGB Percent	100%, 60%, 69%
CMY	0.0000, 0.4041, 0.3057
CMYK	0.00, 0.40, 0.31, 0.00
HSL	345°, 100%, 80%
HSV	345°, 40%, 100%
XYZ	60.4019, 46.8787, 47.4856
YIQ	185.6470, 53.3630, 29.6110

Conversions

Conversions Part 2

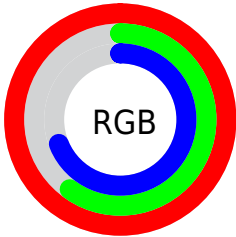
Format	Color
R _Y B	255, 152, 177
Decimal	16750769
CIE Lab	74.11, 41.46, 3.70
CIE LCh	74, 41.624, 5.095
Yxy	46.8787, 0.3903, 0.3029
Android (android.graphics.Color)	4294940849 (0xFFFF98B1)
YUV	185.6470, -4.2630, 60.8226
Hunter-Lab	68.4680, 37.6521, 6.8074

Details

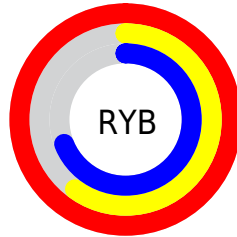
The YIQ color **185.6470, 53.3630, 29.6110** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **221.3530, -53.3630, -29.6110**, and the grayscale version is **186.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **224.9030, 19.9870, 17.7390**, and **130.9670, 49.4660, 28.6500** is the 20% darker color. If you saturate the color by 10%, you get **168.2190, 66.6120, 37.3000**, and if you desaturate by 10%, it is **202.4880, 40.3890, 22.4450**.

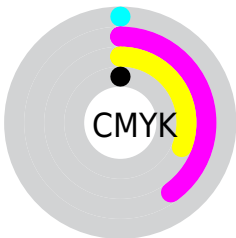
Distribution



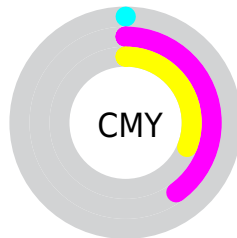
- Red (100%)
- Green (60%)
- Blue (69%)



- Red (100%)
- Yellow (60%)
- Blue (69%)



- Cyan (0%)
- Magenta (40%)
- Yellow (31%)
- Black (0%)





- Cyan (0%)
- Magenta (40%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 185.6470, 53.3630, 29.6110 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 185.6470, 53.3630, 29.6110 by changing the saturation by 10% instead.


 185.6470, 53.3630,
29.6110

 185.6470, 53.3630,
29.6110


255.0000, -0.0000,
-0.0000


 157.7500, 51.5750,
28.9750


 224.9030, 19.9870,
17.7390


 130.9670, 49.4660,
28.6500

 243.8470, 5.2250,
9.9370

 104.1840, 47.3570,
28.3250

 77.8140, 45.5230,
28.5230

 50.3840, 43.9180,
30.0780

 28.7640, 39.7920,
27.7600

 18.5530, 32.5960,

14.9960

■ 9.0840, 17.5590,
6.6710

■ 0.0000, 0.0000,
0.0000

■ 185.6470, 53.3630,
29.6110

■ 185.6470, 53.3630,
29.6110

■ 168.2190, 66.6120,
37.3000

■ 202.4880, 40.3890,
22.4450

■ 151.2640, 79.9070,
44.1550

■ 220.0300, 26.8190,
15.0670

■ 133.8360, 93.1560,
51.8440

■ 236.8710, 13.8450,
7.9010

■ 116.9950,
106.1300, 59.0100

■ 254.2990, 0.5960,
0.2120

■ 99.5670, 119.3790, 255.0000, -0.0000,
66.6990 -0.0000

■ 83.3130, 132.0780,
73.3420

Harmonies

Analogous

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



187.2330, 28.4660, 34.7860



185.6470, 53.3630, 29.6110



183.7660, 62.6730, 15.0650

Triad

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



185.6470, 53.3630, 29.6110



174.5830, 4.4070, -30.3210



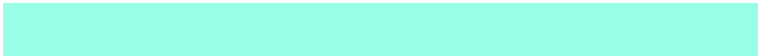
161.6170, -97.2440, -10.7800

Complementary

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



185.6470, 53.3630, 29.6110



221.3530, -53.3630, -29.6110

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.



143.6370, -127.5000, -35.1480



185.6470, 53.3630, 29.6110



168.1730, -35.4810, -34.3050

Square

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



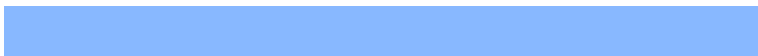
185.6470, 53.3630, 29.6110



178.9030, 36.0410, -19.9190



156.4400, -84.5850, -36.4650



177.7420, -51.3990, 11.9050

Rectangle

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



185.6470, 53.3630, 29.6110



182.4200, 60.2910, 3.1630



156.4400, -84.5850, -36.4650



151.8270, -115.8110, -21.2110

Sweetspot

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



185.6470, 53.3630, 29.6110



234.1810, 15.9080, 9.0600



186.7650, 12.8290, 48.3570



115.8380, 9.4440, 5.0600



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.



185.6470, 53.3630, 29.6110



172.7840, 63.4030, 34.8830



198.0590, 54.2380, 8.2380



119.2290, 6.7850, 3.6890



62.4670, 98.7490, 55.1090



20.9600, 33.0080, 18.5440

Inverse Universe

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



185.6470, 53.3630, 29.6110



172.7840, 63.4030, 34.8830



208.9410, -54.2380, -8.2380



119.2290, 6.7850, 3.6890



62.4670, 98.7490, 55.1090



20.9600, 33.0080, 18.5440

Previews

White Background



This preview shows how the YIQ color 185.6470, 53.3630, 29.6110 looks on a white background.

Color Contrast Check

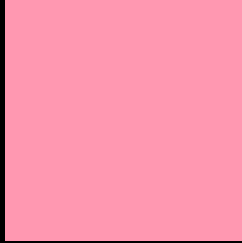
Large Text (above 18pt) WCAG AA × Fail

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 185.6470, 53.3630, 29.6110 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

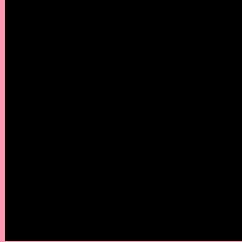
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 185.6470, 53.3630, 29.6110

Background



This preview shows how black text looks on a background with the YIQ color 185.6470, 53.3630, 29.6110.



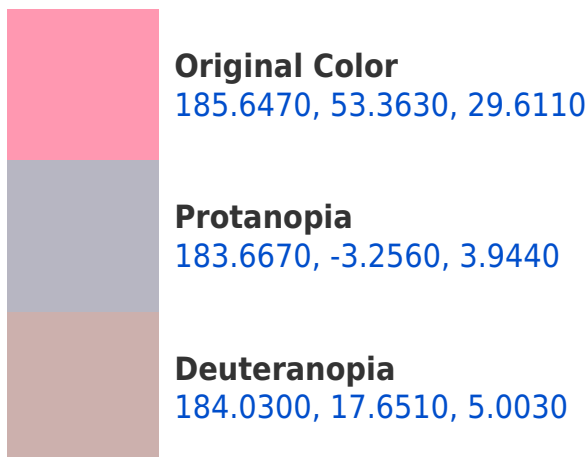
This preview shows how white text looks on a background with the YIQ color 185.6470, 53.3630,

29.6110.

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

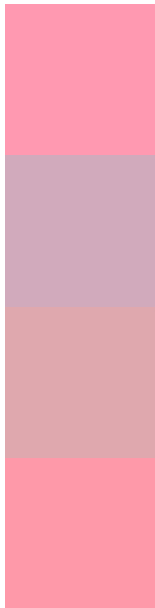




Tritanopia

185.1540, 56.0690, 24.6210

Trichromacy



Original Color

185.6470, 53.3630, 29.6110

Protanomaly

184.3000, 17.1910, 13.3430

Deuteranomaly

184.5420, 31.1290, 14.0490

Tritanomaly

185.0230, 55.0600, 26.3880

Monochromacy



Original Color

185.6470, 53.3630, 29.6110

Achromatopsia

186.0000, -0.0000, -0.0000

Achromatomaly

186.0890, 19.1630, 10.6430

CSS Examples

Text

The CSS property to change the color of the text to YIQ 185.6470, 53.3630, 29.6110 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, 152, 177)` looks like.

```
.text, #text, p{  
    color:rgb(255, 152, 177)  
}
```

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, 152, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 152, 177) }
```

Border

The CSS property to change the border of an element to YIQ 185.6470, 53.3630, 29.6110 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, 152, 177) }
```


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

```
.border{ border-color:rgb(255, 152, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 152, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 152, 177); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 152, 177); box-shadow:4px 4px 4px 4px rgb(255, 152, 177) }
```

Background

The CSS property to change the background color of an element to YIQ 185.6470, 53.3630, 29.6110 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 152, 177) }
```

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

```
.background{ background-color: rgb(255,  
152, 177) }
```

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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