

Converting Colors

YIQ(180.0280, 56.6640, 30.3600)

Have a look what the booklet for
YIQ(180.0280, 56.6640, 30.3600)
contains.

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Color

**YIQ(180.0280, 56.6640,
30.3600)**

Conversions

Conversions Part 1

Format	Color
Hex	FD91A9
RGB	253, 145, 169
RGB Percent	99%, 57%, 66%
CMY	0.0076, 0.4315, 0.3370
CMYK	0.00, 0.43, 0.33, 0.01
HSL	347°, 97%, 78%
HSV	347°, 43%, 99%
XYZ	57.8181, 43.9992, 43.0074
YIQ	180.0280, 56.6640, 30.3600

Conversions

Conversions Part 2

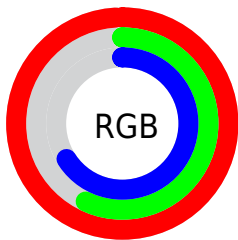
Format	Color
R_{YB}	253, 145, 169
Decimal	16617897
CIE _{Lab}	72.23, 43.36, 5.37
CIE _{LCh}	72, 43.693, 7.065
Yxy	43.9992, 0.3992, 0.3038
Android (android.graphics.Color)	4294807977 (0xFFFD91A9)
YUV	180.0280, -5.4368, 63.9964
Hunter-Lab	66.3319, 39.5086, 7.9907

Details

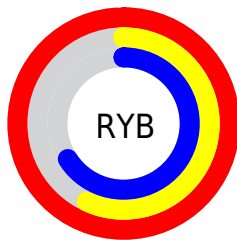
The YIQ color **180.0280, 56.6640, 30.3600** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **217.9720, -56.6640, -30.3600**, and the grayscale version is **180.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **219.7680, 24.8010, 18.6010**, and **125.3480, 52.7670, 29.3990** is the 20% darker color. If you saturate the color by 10%, you get **163.0730, 69.9590, 37.2150**, and if you desaturate by 10%, it is **196.9830, 43.3690, 23.5050**.

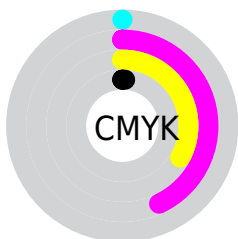
Distribution



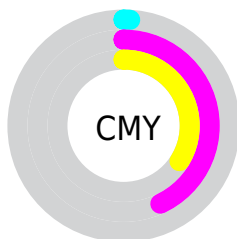
- Red (99%)
- Green (57%)
- Blue (66%)



- Red (99%)
- Yellow (57%)
- Blue (66%)



- Cyan (0%)
- Magenta (43%)
- Yellow (33%)
- Black (1%)





- Cyan (1%)
- Magenta (43%)
- Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 180.0280, 56.6640, 30.3600 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 180.0280, 56.6640, 30.3600 by changing the saturation by 10% instead.


 180.0280, 56.6640,
30.3600


 180.0280, 56.6640,
30.3600


255.0000, -0.0000,
-0.0000


 152.2450, 54.5550,
30.0350


 219.1810, 25.0760,
19.1240


 125.3480, 52.7670,
29.3990

 239.5100, 7.7920,
12.9760

 98.6790, 50.3370,
29.3850

 71.7220, 48.7780,
30.1060

 41.4710, 48.2270,
34.5870

 27.1830, 39.9300,
25.2580

 17.1570, 33.6510,

12.3950

■ 6.5780, 13.1120,
4.6640

■ 0.0000, 0.0000,
0.0000

■ 180.0280, 56.6640,
30.3600

■ 180.0280, 56.6640,
30.3600

■ 163.0730, 69.9590,
37.2150

■ 196.9830, 43.3690,
23.5050

■ 145.6450, 83.2080,
44.9040

■ 214.4110, 30.1200,
15.8160

■ 128.6900, 96.5030,
51.7590

■ 231.3660, 16.8250,
8.9610

■ 111.7350,
109.7980, 58.6140

■ 248.3210, 3.5300,
2.1060

■ 94.3070, 123.0470,
66.3030

254.4020, -1.1920,
-0.4240

■ 82.0310, 132.8120,
71.0520

Harmonies

Analogous

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



182.1410, 31.7210, 36.3690



180.0280, 56.6640, 30.3600



178.3210, 65.4240, 14.7680

Triad

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



180.0280, 56.6640, 30.3600



168.5610, 1.4730, -32.2150



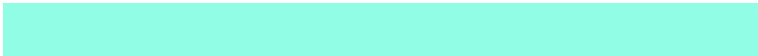
152.2890, -108.0640, -12.9280

Complementary

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



180.0280, 56.6640, 30.3600



217.9720, -56.6640, -30.3600

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.



140.5880, -125.8040, -32.8440



180.0280, 56.6640, 30.3600



161.1830, -41.4410, -36.4250

Square

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



180.0280, 56.6640, 30.3600



173.1370, 35.2620, -22.3220



138.3270, -112.3680, -45.0720



173.0240, -52.1330, 14.1950

Rectangle

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



180.0280, 56.6640, 30.3600



176.8500, 61.8960, 1.6080



138.3270, -112.3680, -45.0720



140.4060, -130.8030, -24.8430

Sweetspot

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



180.0280, 56.6640, 30.3600



232.6650, 17.4210, 9.1730



182.1290, 14.8000, 51.1840



113.8490, 10.9110, 6.0070



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.



180.0280, 56.6640, 30.3600



167.1760, 68.1710, 36.5790



194.3150, 56.3930, 7.7290



119.2290, 6.7850, 3.6890



62.0110, 100.0330, 53.8650



20.7320, 33.6500, 17.9220

Inverse Universe

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



180.0280, 56.6640, 30.3600



167.1760, 68.1710, 36.5790



203.6850, -56.3930, -7.7290



119.2290, 6.7850, 3.6890



62.0110, 100.0330, 53.8650



20.7320, 33.6500, 17.9220

Previews

White Background



This preview shows how the YIQ color 180.0280, 56.6640, 30.3600 looks on a white background.

Color Contrast Check

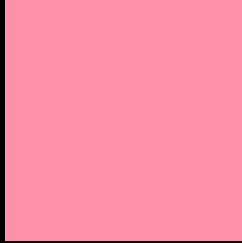
Large Text (above 18pt) WCAG AA × Fail

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 180.0280, 56.6640, 30.3600 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

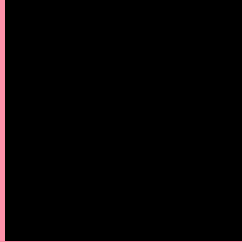
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 180.0280, 56.6640, 30.3600

Background



This preview shows how black text looks on a background with the YIQ color 180.0280, 56.6640, 30.3600.

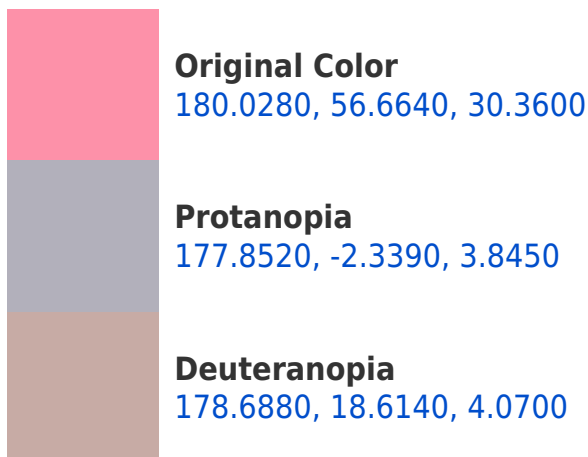


This preview shows how white text looks on a background with the YIQ color 180.0280, 56.6640,

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

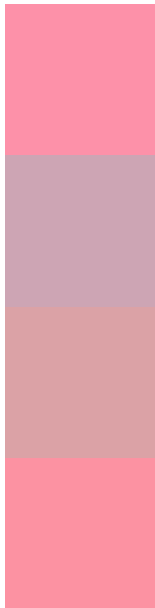




Tritanopia

179.6490, 59.0490, 25.6810

Trichromacy



Original Color

180.0280, 56.6640, 30.3600

Protanomaly

178.6700, 19.0250, 13.1450

Deuteranomaly

179.4990, 32.6880, 13.3280

Tritanomaly

179.5180, 58.0400, 27.4480

Monochromacy



Original Color

180.0280, 56.6640, 30.3600

Achromatopsia

180.0000, -0.0000, -0.0000

Achromatomaly

179.9860, 20.9510, 11.2790

CSS Examples

Text

The CSS property to change the color of the text to YIQ 180.0280, 56.6640, 30.3600 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(253, 145, 169)` looks like.

```
.text, #text, p{  
    color:rgb(253, 145, 169)  
}
```

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(253, 145, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 145, 169) }
```

Border

The CSS property to change the border of an element to YIQ 180.0280, 56.6640, 30.3600 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(253, 145, 169) }
```


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

```
.border{ border-color:rgb(253, 145, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(253, 145, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 145, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 145, 169);  
box-shadow:4px 4px 4px 4px rgb(253, 145,  
169) }
```

Background

The CSS property to change the background color of an element to YIQ 180.0280, 56.6640, 30.3600 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 145, 169) }
```

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

```
.background{ background-color: rgb(253,  
145, 169) }
```

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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