

Converting Colors

YIQ(180.6050, 53.1810, 21.8930)

Have a look what the booklet for
YIQ(180.6050, 53.1810, 21.8930)
contains.

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Color

**YIQ(180.6050, 53.1810,
21.8930)**

Conversions

Conversions Part 1

Format	Color
Hex	F5989F
RGB	245, 152, 159
RGB Percent	96%, 60%, 62%
CMY	0.0390, 0.4040, 0.3763
CMYK	0.00, 0.38, 0.35, 0.04
HSL	355°, 82%, 78%
HSV	355°, 38%, 96%
XYZ	55.1607, 44.3716, 38.4820
YIQ	180.6050, 53.1810, 21.8930

Conversions

Conversions Part 2

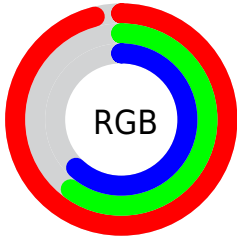
Format	Color
R _Y B	245, 152, 159
Decimal	16095391
CIE Lab	72.48, 35.70, 11.14
CIE LCh	72, 37.397, 17.332
Yxy	44.3716, 0.3997, 0.3215
Android (android.graphics.Color)	4294285471 (0xFFFF5989F)
YUV	180.6050, -10.6513, 56.4744
Hunter-Lab	66.6120, 31.2429, 12.3764

Details

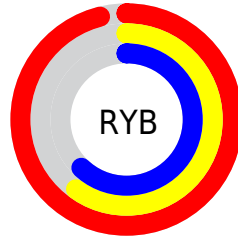
The YIQ color **180.6050, 53.1810, 21.8930** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **216.3950, -53.1810, -21.8930**, and the grayscale version is **181.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **222.1500, 26.3610, 12.3530**, and **126.0390, 48.9630, 21.2430** is the 20% darker color. If you saturate the color by 10%, you get **163.3080, 67.4390, 27.8150**, and if you desaturate by 10%, it is **197.3150, 39.1980, 16.4940**.

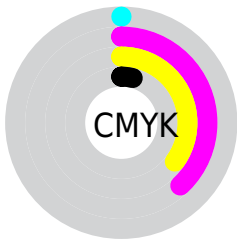
Distribution



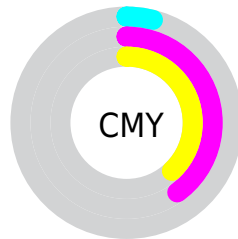
- Red (96%)
- Green (60%)
- Blue (62%)



- Red (96%)
- Yellow (60%)
- Blue (62%)



- Cyan (0%)
- Magenta (38%)
- Yellow (35%)
- Black (4%)





- Cyan (4%)
- Magenta (40%)
- Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 180.6050, 53.1810, 21.8930 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 180.6050, 53.1810, 21.8930 by changing the saturation by 10% instead.


 180.6050, 53.1810,
21.8930

 180.6050, 53.1810,
21.8930


255.0000, -0.0000,
-0.0000


 152.8220, 51.0720,
21.5680


 222.1500, 26.3610,
12.3530


 126.0390, 48.9630,
21.2430

 242.3650, 9.3980,
5.8940

 100.2560, 46.8540,
20.9180

 74.5870, 44.4240,
20.9040

 49.0320, 41.6730,
21.2010

 24.8900, 39.1970,
22.0210

 15.2490, 30.3960,

10.8120

■ 2.6910, 5.3640,
1.9080

■ 0.0000, 0.0000,
0.0000

■ 180.6050, 53.1810,
21.8930

■ 180.6050, 53.1810,
21.8930

■ 163.3080, 67.4390,
27.8150

■ 197.3150, 39.1980,
16.4940

■ 146.7120, 81.1010,
33.5250

■ 214.4980, 25.2610,
10.2610

■ 129.4150, 95.3590,
39.4470

■ 231.2080, 11.2780,
4.8620

■ 112.7050,
109.3420, 44.8460

■ 248.5050, -2.9800,
-1.0600

■ 95.5220, 123.2790,
51.0790

■ 252.0100, -5.9600,
-2.1200

■ 78.8120, 137.2620,
56.4780

■ 75.4210, 139.9210,
57.8490

Harmonies

Analogous

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



182.1920, 35.7110, 30.1350



180.6050, 53.1810, 21.8930



178.9020, 56.1180, 7.2060

Triad

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



180.6050, 53.1810, 21.8930



168.8080, -9.3480, -28.8360



167.8060, -66.6190, 1.3890

Complementary

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



180.6050, 53.1810, 21.8930



216.3950, -53.1810, -21.8930

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.



154.7170, -94.9500, -19.3180



180.6050, 53.1810, 21.8930



162.5340, -46.6230, -30.6150

Square

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



180.6050, 53.1810, 21.8930



173.6070, 22.1950, -22.2930



153.9550, -84.3570, -29.5810



177.9790, -29.8970, 18.7030

Rectangle

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



180.6050, 53.1810, 21.8930



177.5170, 49.4720, -4.5120



153.9550, -84.3570, -29.5810



163.1310, -78.0800, -5.6640

Sweetspot

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



180.6050, 53.1810, 21.8930



235.6000, 16.0460, 6.5580



188.0170, 20.8070, 46.9430



116.1970, 9.8110, 3.9150



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.



180.6050, 53.1810, 21.8930



174.0090, 66.8430, 27.6030



202.7000, 44.7030, -0.6810



113.7020, 6.8310, 2.8550



57.2100, 106.3620, 43.7860



18.0970, 33.8800, 13.7520

Inverse Universe

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



180.6050, 53.1810, 21.8930



174.0090, 66.8430, 27.6030



194.3000, -44.7030, 0.6810



113.7020, 6.8310, 2.8550



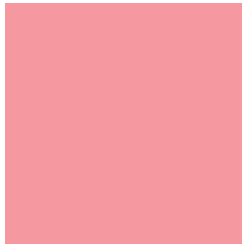
57.2100, 106.3620, 43.7860



18.0970, 33.8800, 13.7520

Previews

White Background



This preview shows how the YIQ color 180.6050, 53.1810, 21.8930 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 180.6050, 53.1810, 21.8930 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

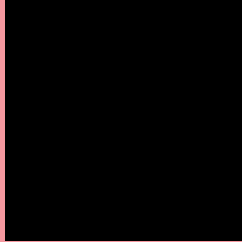
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 180.6050, 53.1810, 21.8930

Background



This preview shows how black text looks on a background with the YIQ color 180.6050, 53.1810, 21.8930.



This preview shows how white text looks on a background with the YIQ color 180.6050, 53.1810,

21.8930.

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

180.6050, 53.1810, 21.8930

Protanopia

178.3380, 4.8600, 0.0280

Deuteranopia

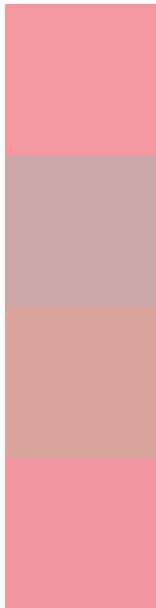
179.7440, 24.2080, 1.8080



Tritanopia

180.4740, 52.1720, 23.6600

Trichromacy



Original Color

180.6050, 53.1810, 21.8930

Protanomaly

179.3620, 22.6480, 8.0560

Deuteranomaly

180.2340, 34.7520, 8.9600

Tritanomaly

180.3600, 52.4930, 23.3490

Monochromacy



Original Color

180.6050, 53.1810, 21.8930

Achromatopsia

181.0000, -0.0000, 0.0000

Achromatomaly

180.5080, 19.3010, 8.1410

CSS Examples

Text

The CSS property to change the color of the text to YIQ 180.6050, 53.1810, 21.8930 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(245, 152, 159)` looks like.

```
.text, #text, p{  
    color:rgb(245, 152, 159)  
}
```

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(245, 152, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 152, 159) }
```

Border

The CSS property to change the border of an element to YIQ 180.6050, 53.1810, 21.8930 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(245, 152, 159) }
```


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

```
.border{ border-color:rgb(245, 152, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 152, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 152, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 152, 159);  
box-shadow:4px 4px 4px 4px rgb(245, 152,  
159) }
```

Background

The CSS property to change the background color of an element to YIQ 180.6050, 53.1810, 21.8930 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 152, 159) }
```

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

```
.background{ background-color: rgb(245,  
152, 159) }
```

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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