

Converting Colors

YIQ(186.7080, 51.3930, 21.2570)

Have a look what the booklet for
YIQ(186.7080, 51.3930, 21.2570)
contains.

YIQ(186.7080, 51.3930, 21.2570)	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(186.7080, 51.3930,
21.2570)**

Conversions

Conversions Part 1

Format	Color
Hex	F99FA6
RGB	249, 159, 166
RGB Percent	98%, 62%, 65%
CMY	0.0233, 0.3766, 0.3488
CMYK	0.00, 0.36, 0.33, 0.02
HSL	355°, 88%, 80%
HSV	355°, 36%, 98%
XYZ	58.3660, 47.6883, 42.2293
YIQ	186.7080, 51.3930, 21.2570

Conversions

Conversions Part 2

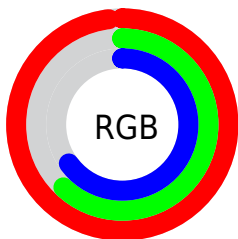
Format	Color
R _Y B	249, 159, 166
Decimal	16359334
CIE Lab	74.63, 34.35, 10.40
CIE LCh	75, 35.892, 16.847
Yxy	47.6883, 0.3936, 0.3216
Android (android.graphics.Color)	4294549414 (0xFFFF99FA6)
YUV	186.7080, -10.2090, 54.6301
Hunter-Lab	69.0567, 30.0171, 12.0829

Details

The YIQ color **186.7080, 51.3930, 21.2570** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **221.2920, -51.3930, -21.2570**, and the grayscale version is **187.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **227.6440, 21.9140, 10.3460**, and **132.0280, 47.4960, 20.2960** is the 20% darker color. If you saturate the color by 10%, you get **169.4110, 65.6510, 27.1790**, and if you desaturate by 10%, it is **204.0050, 37.1350, 15.3350**.

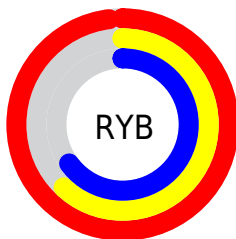
Distribution



Red (98%)

Green (62%)

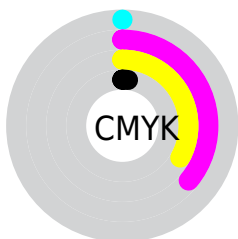
Blue (65%)



Red (98%)

Yellow (62%)

Blue (65%)

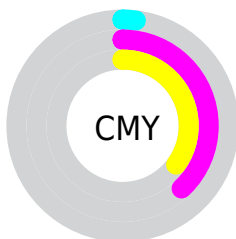


Cyan (0%)

Magenta (36%)

Yellow (33%)

Black (2%)



Cyan (2%)


Magenta (38%)


Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 186.7080, 51.3930, 21.2570 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 186.7080, 51.3930, 21.2570 by changing the saturation by 10% instead.

 186.7080, 51.3930,
21.2570

 186.7080, 51.3930,
21.2570


255.0000, -0.0000,
-0.0000


 158.9250, 49.2840,
20.9320


 227.6440, 21.9140,
10.3460


 132.0280, 47.4960,
20.2960

 247.3860, 4.9050,
4.7210

 106.2450, 45.3870,
19.9710

 80.4620, 43.2780,
19.6460

 55.7930, 40.8480,
19.6320

 28.4170, 39.1510,
22.8550

 16.4450, 32.7800,

11.6600

■ 7.2900, 13.9830,
5.3990

■ 0.0000, 0.0000,
0.0000

■ 186.7080, 51.3930,
21.2570

■ 186.7080, 51.3930,
21.2570

■ 169.4110, 65.6510,
27.1790

■ 204.0050, 37.1350,
15.3350

■ 152.1140, 79.9090,
33.1010

■ 221.3020, 22.8770,
9.4130

■ 134.8170, 94.1670,
39.0230

■ 238.5990, 8.6190,
3.4910

■ 117.5200,
108.4250, 44.9450

■ 253.2060, -3.5760,
-1.2720

■ 100.2230,
122.6830, 50.8670

■ 83.5130, 136.6660,
56.2660

■ 76.7310, 141.9840,
59.0080

Harmonies

Analogous

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



188.1810, 34.2440, 29.1880



186.7080, 51.3930, 21.2570



185.1190, 54.0090, 6.8810

Triad

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



186.7080, 51.3930, 21.2570



175.5200, -8.4770, -28.1010



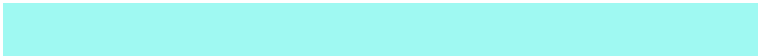
174.6600, -63.2720, 1.3040

Complementary

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



186.7080, 51.3930, 21.2570



221.2920, -51.3930, -21.2570

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.



163.7890, -86.2850, -16.6610



186.7080, 51.3930, 21.2570



169.9150, -43.3220, -29.8660

Square

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



186.7080, 51.3930, 21.2570



179.3620, 21.5070, -20.8370



163.4290, -76.8840, -27.3480



183.7510, -29.2550, 18.0810

Rectangle

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



186.7080, 51.3930, 21.2570



183.8590, 48.5090, -3.5790



163.4290, -76.8840, -27.3480



170.9960, -73.2660, -4.8020

Sweetspot

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



186.7080, 51.3930, 21.2570



235.6000, 16.0460, 6.5580



194.0770, 20.5780, 45.5860



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.



186.7080, 51.3930, 21.2570



178.9160, 62.6710, 26.1190



208.2160, 43.1900, -0.7940



116.0010, 7.4270, 3.0670



58.2210, 107.8290, 44.7330



18.8090, 34.7510, 14.4870

Inverse Universe

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



186.7080, 51.3930, 21.2570



178.9160, 62.6710, 26.1190



200.3710, -43.4650, 0.2710



116.0010, 7.4270, 3.0670



58.2210, 107.8290, 44.7330



18.8090, 34.7510, 14.4870

Previews

White Background



This preview shows how the YIQ color 186.7080, 51.3930, 21.2570 looks on a white background.

Color Contrast Check

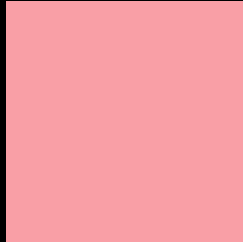
Large Text (above 18pt) WCAG AA × Fail

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 186.7080, 51.3930, 21.2570 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 186.7080, 51.3930, 21.2570

Background



This preview shows how black text looks on a background with the YIQ color 186.7080, 51.3930, 21.2570.



This preview shows how white text looks on a background with the YIQ color 186.7080, 51.3930,

21.2570.

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

186.7080, 51.3930, 21.2570

Protanopia

184.0390, 4.2640, -0.1840

Deuteranopia

185.2710, 24.1620, 2.6420



Tritanopia

186.5770, 50.3840, 23.0240

Trichromacy



Original Color

186.7080, 51.3930, 21.2570



Protanomaly

184.7640, 21.4560, 7.6320



Deuteranomaly

185.4620, 34.1100, 9.5820



Tritanomaly

186.4630, 50.7050, 22.7130

Monochromacy



Original Color

186.7080, 51.3930, 21.2570



Achromatopsia

187.0000, -0.0000, -0.0000



Achromatomaly

187.0950, 19.0260, 7.6180

CSS Examples

Text

The CSS property to change the color of the text to YIQ 186.7080, 51.3930, 21.2570 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, 159, 166)` looks like.

```
.text, #text, p{  
    color:rgb(249, 159, 166)  
}
```

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, 159, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 159, 166) }
```

Border

The CSS property to change the border of an element to YIQ 186.7080, 51.3930, 21.2570 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, 159, 166) }
```


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

```
.border{ border-color:rgb(249, 159, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 159, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 159, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 159, 166);  
box-shadow:4px 4px 4px 4px rgb(249, 159,  
166) }
```

Background

The CSS property to change the background color of an element to YIQ 186.7080, 51.3930, 21.2570 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 159, 166) }
```

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

```
.background{ background-color: rgb(249,  
159, 166) }
```

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