

Converting Colors

YIQ(188.3510, 39.5170, 27.2370)

Have a look what the booklet for
YIQ(188.3510, 39.5170, 27.2370)
contains.

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Color

**YIQ(188.3510, 39.5170,
27.2370)**

Conversions

Conversions Part 1

Format	Color
Hex	F3A0BF
RGB	243, 160, 191
RGB Percent	95%, 63%, 75%
CMY	0.0468, 0.3727, 0.2508
CMYK	0.00, 0.34, 0.21, 0.05
HSL	338°, 78%, 79%
HSV	338°, 34%, 95%
XYZ	58.9537, 47.9571, 55.4592
YIQ	188.3510, 39.5170, 27.2370

Conversions

Conversions Part 2

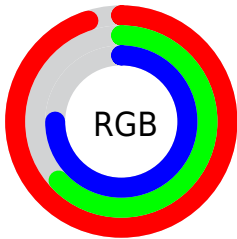
Format	Color
R _Y B	243, 160, 191
Decimal	15966399
CIE Lab	74.80, 35.04, -3.18
CIE LCh	75, 35.184, 354.822
Yxy	47.9571, 0.3631, 0.2954
Android (android.graphics.Color)	4294156479 (0xFFFF3A0BF)
YUV	188.3510, 1.3060, 47.9272
Hunter-Lab	69.2511, 30.7682, 0.9938

Details

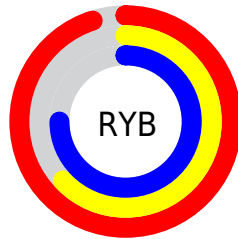
The YIQ color **188.3510, 39.5170, 27.2370** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **214.6490, -39.5170, -27.2370**, and the grayscale version is **188.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **231.1950, 13.2930, 17.9090**, and **133.8560, 36.5370, 26.1770** is the 20% darker color. If you saturate the color by 10%, you get **172.5530, 50.9320, 35.1240**, and if you desaturate by 10%, it is **204.1490, 28.1020, 19.3500**.

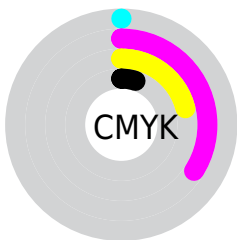
Distribution



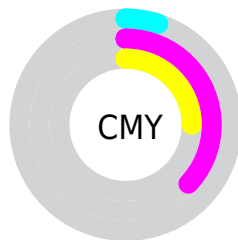
- Red (95%)
- Green (63%)
- Blue (75%)



- Red (95%)
- Yellow (63%)
- Blue (75%)



- Cyan (0%)
- Magenta (34%)
- Yellow (21%)
- Black (5%)





- Cyan (5%)
- Magenta (37%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 188.3510, 39.5170, 27.2370 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 188.3510, 39.5170, 27.2370 by changing the saturation by 10% instead.


 188.3510, 39.5170,
27.2370

 188.3510, 39.5170,
27.2370


255.0000, -0.0000,
-0.0000


 160.7530, 38.3250,
26.8130


 231.1950, 13.2930,
17.9090


 133.8560, 36.5370,
26.1770

 248.5430, 3.0250,
5.7530

 107.8450, 35.0700,
25.2300

 82.3610, 33.5570,
25.1170

 57.2900, 32.3190,
25.5270

 30.5720, 31.5850,
27.8170

 18.3550, 24.5260,

18.0780

■ 7.5890, 14.5790,
5.6110

■ 0.0000, 0.0000,
0.0000

■ 188.3510, 39.5170,
27.2370

■ 188.3510, 39.5170,
27.2370

■ 172.5530, 50.9320,
35.1240

■ 204.1490, 28.1020,
19.3500

■ 156.1680, 62.6220,
43.5340

■ 220.5340, 16.4120,
10.9400

■ 140.2560, 74.3580,
51.1100

■ 236.4460, 4.6760,
3.3640

■ 124.4580, 85.7730,
58.9970

■ 251.0700, -6.1890,
-3.4770

■ 108.0730, 97.4630,
67.4070

■ 251.4120, -7.1520,
-2.5440

■ 92.2750, 108.8780,
75.2940

■ 83.0310, 115.6170,
79.8170

Harmonies

Analogous

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



189.1170, 13.9330, 28.3410



188.3510, 39.5170, 27.2370



186.6710, 52.8150, 17.5110

Triad

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



188.3510, 39.5170, 27.2370



178.8880, 14.0340, -23.0700



167.9580, -79.2710, -11.6150

Complementary

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



188.3510, 39.5170, 27.2370



214.6490, -39.5170, -27.2370

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.



163.7540, -79.1770, -24.3370



188.3510, 39.5170, 27.2370



175.0290, -17.2800, -28.2560

Square

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



188.3510, 39.5170, 27.2370



182.4290, 37.7360, -12.0880



168.6630, -51.3000, -28.4520



178.3840, -53.5070, 6.0530

Rectangle

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



188.3510, 39.5170, 27.2370



185.7600, 53.6420, 8.0260



168.6630, -51.3000, -28.4520



165.3440, -83.5340, -16.9580

Sweetspot

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



188.3510, 39.5170, 27.2370



238.5010, 12.0110, 8.0990



184.7110, 3.7530, 36.6250



117.4680, 7.6100, 5.2580



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.



188.3510, 39.5170, 27.2370



185.9550, 49.7400, 34.7000



190.6870, 46.7180, 12.3660



114.1580, 5.5470, 4.0990



63.5940, 88.3860, 61.2020



20.1490, 28.1020, 19.3500

Inverse Universe

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



188.3510, 39.5170, 27.2370



185.9550, 49.7400, 34.7000



212.3130, -46.7180, -12.3660



114.1580, 5.5470, 4.0990



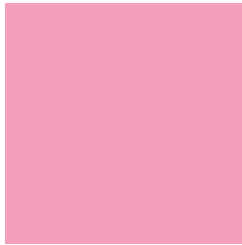
63.5940, 88.3860, 61.2020



20.1490, 28.1020, 19.3500

Previews

White Background



This preview shows how the YIQ color 188.3510, 39.5170, 27.2370 looks on a white background.

Color Contrast Check

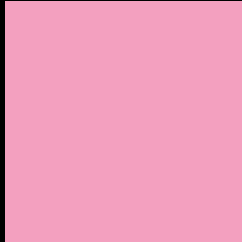
Large Text (above 18pt) WCAG AA × Fail

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 188.3510, 39.5170, 27.2370 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

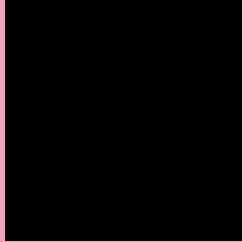
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 188.3510, 39.5170, 27.2370

Background



This preview shows how black text looks on a background with the YIQ color 188.3510, 39.5170, 27.2370.



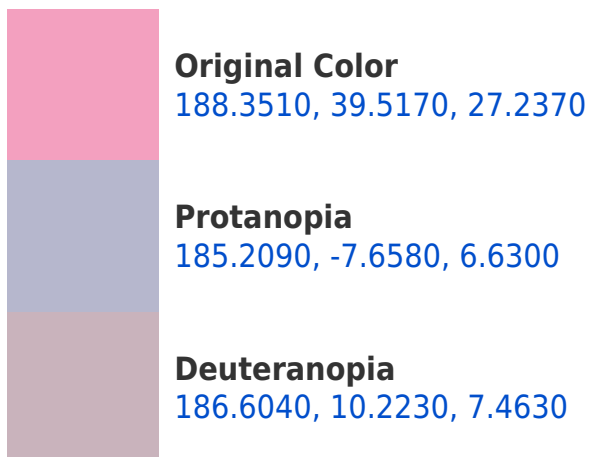
This preview shows how white text looks on a background with the YIQ color 188.3510, 39.5170,

27.2370.

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

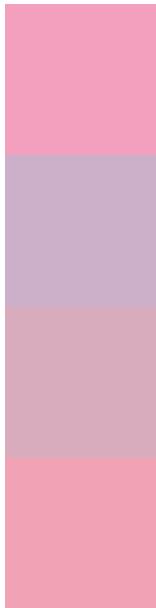




Tritanopia

187.6900, 42.6360, 20.2680

Trichromacy



Original Color

188.3510, 39.5170, 27.2370

Protanomaly

186.5210, 9.2590, 13.9230

Deuteranomaly

187.0940, 20.7670, 14.6150

Tritanomaly

188.0860, 41.5810, 22.8690

Monochromacy



Original Color

188.3510, 39.5170, 27.2370

Achromatopsia

188.0000, 0.0000, 0.0000

Achromatomaly

188.2240, 14.3490, 9.7810

CSS Examples

Text

The CSS property to change the color of the text to YIQ 188.3510, 39.5170, 27.2370 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(243, 160, 191)` looks like.

```
.text, #text, p{  
    color:rgb(243, 160, 191)  
}
```

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(243, 160, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 160, 191) }
```

Border

The CSS property to change the border of an element to YIQ 188.3510, 39.5170, 27.2370 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(243, 160, 191) }
```


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

```
.border{ border-color:rgb(243, 160, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 160, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 160, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 160, 191);  
box-shadow:4px 4px 4px 4px rgb(243, 160,  
191) }
```

Background

The CSS property to change the background color of an element to YIQ 188.3510, 39.5170, 27.2370 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 160, 191) }
```

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

```
.background{ background-color: rgb(243,  
160, 191) }
```

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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