

Converting Colors

YIQ(186.6480, 51.6220, 22.6140)

Have a look what the booklet for
YIQ(186.6480, 51.6220, 22.6140)
contains.

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Color

**YIQ(186.6480, 51.6220,
22.6140)**

Conversions

Conversions Part 1

Format	Color
Hex	FA9EA8
RGB	250, 158, 168
RGB Percent	98%, 62%, 66%
CMY	0.0194, 0.3805, 0.3410
CMYK	0.00, 0.37, 0.33, 0.02
HSL	353°, 90%, 80%
HSV	353°, 37%, 98%
XYZ	58.7378, 47.6042, 43.1631
YIQ	186.6480, 51.6220, 22.6140

Conversions

Conversions Part 2

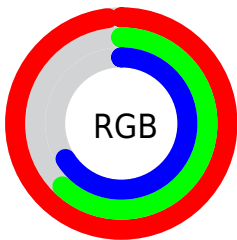
Format	Color
R_{YB}	250, 158, 168
Decimal	16424616
CIE _{Lab}	74.57, 35.48, 9.24
CIE _{LCh}	75, 36.665, 14.601
Y _{xy}	47.6042, 0.3929, 0.3184
Android (android.graphics.Color)	4294614696 (0xFFFA9EA8)
YUV	186.6480, -9.1935, 55.5597
Hunter-Lab	68.9958, 31.2187, 11.2058

Details

The YIQ color **186.6480, 51.6220, 22.6140** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **221.3520, -51.6220, -22.6140**, and the grayscale version is **187.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **227.2850, 21.5470, 11.4910**, and **131.9680, 47.7250, 21.6530** is the 20% darker color. If you saturate the color by 10%, you get **169.4650, 65.5590, 28.8470**, and if you desaturate by 10%, it is **203.8310, 37.6850, 16.3810**.

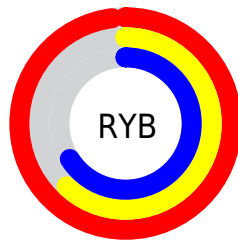
Distribution



Red (98%)

Green (62%)

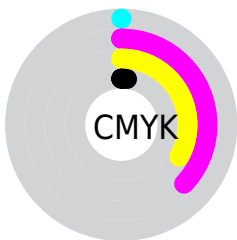
Blue (66%)



Red (98%)

Yellow (62%)

Blue (66%)

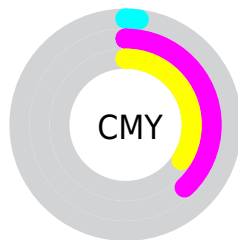


Cyan (0%)

Magenta (37%)

Yellow (33%)

Black (2%)



Cyan (2%)


Magenta (38%)


Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 186.6480, 51.6220, 22.6140 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 186.6480, 51.6220, 22.6140 by changing the saturation by 10% instead.


 186.6480, 51.6220,
22.6140


 186.6480, 51.6220,
22.6140


255.0000, -0.0000,
-0.0000


 158.8650, 49.5130,
22.2890


 227.2850, 21.5470,
11.4910


 131.9680, 47.7250,
21.6530

 247.0270, 4.5380,
5.8660

 106.1850, 45.6160,
21.3280

 80.4020, 43.5070,
21.0030

 54.8470, 40.7560,
21.3000

 27.7700, 39.6550,
24.7350

 16.7440, 33.3760,

11.8720

■ 7.5890, 14.5790,
5.6110

■ 0.0000, 0.0000,
0.0000

■ 186.6480, 51.6220,
22.6140

■ 186.6480, 51.6220,
22.6140

■ 169.4650, 65.5590,
28.8470

■ 203.8310, 37.6850,
16.3810

■ 152.2820, 79.4960,
35.0800

■ 221.1280, 23.4270,
10.4590

■ 134.9850, 93.7540,
41.0020

■ 238.3110, 9.4900,
4.2260

■ 117.8020,
107.6910, 47.2350

■ 253.5050, -2.9800,
-1.0600

■ 100.6190,
121.6280, 53.4680

■ 83.3220, 135.8860,
59.3900

■ 77.8280, 140.3330,
61.3970

Harmonies

Analogous

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



188.4090, 33.6020, 29.8100



186.6480, 51.6220, 22.6140



184.6570, 55.4300, 8.6620

Triad

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



186.6480, 51.6220, 22.6140



175.1890, -6.0470, -28.0870



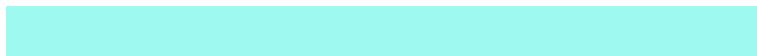
173.2680, -68.0400, -0.3920

Complementary

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



186.6480, 51.6220, 22.6140



221.3520, -51.6220, -22.6140

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.



162.1690, -90.4110, -18.9790



186.6480, 51.6220, 22.6140



169.8720, -41.7630, -30.5870

Square

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



186.6480, 51.6220, 22.6140



179.9170, 24.2580, -21.1340



162.4890, -77.1130, -28.7050



182.9570, -32.8310, 16.8090

Rectangle

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



186.6480, 51.6220, 22.6140



183.7560, 50.2970, -2.9430



162.4890, -77.1130, -28.7050



169.4900, -77.7130, -6.8090

Sweetspot

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



186.6480, 51.6220, 22.6140



235.7140, 15.7250, 6.8690



192.7070, 18.7440, 45.7840



116.3110, 9.4900, 4.2260



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.



186.6480, 51.6220, 22.6140



177.8560, 62.9000, 27.4760



206.0530, 45.2070, 1.1990



116.1150, 7.1060, 3.3780



58.9050, 105.9030, 46.5990



19.0370, 34.1090, 15.1090

Inverse Universe

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



186.6480, 51.6220, 22.6140



177.8560, 62.9000, 27.4760



201.9470, -45.2070, -1.1990



116.1150, 7.1060, 3.3780



58.9050, 105.9030, 46.5990



19.0370, 34.1090, 15.1090

Previews

White Background



This preview shows how the YIQ color 186.6480, 51.6220, 22.6140 looks on a white background.

Color Contrast Check

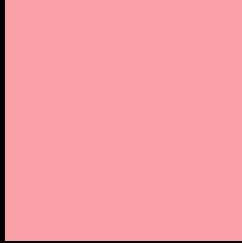
Large Text (above 18pt) WCAG AA × Fail

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 186.6480, 51.6220, 22.6140 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

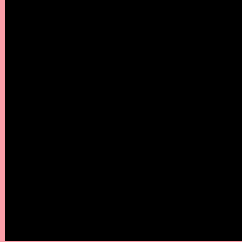
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 186.6480, 51.6220, 22.6140

Background



This preview shows how black text looks on a background with the YIQ color 186.6480, 51.6220, 22.6140.

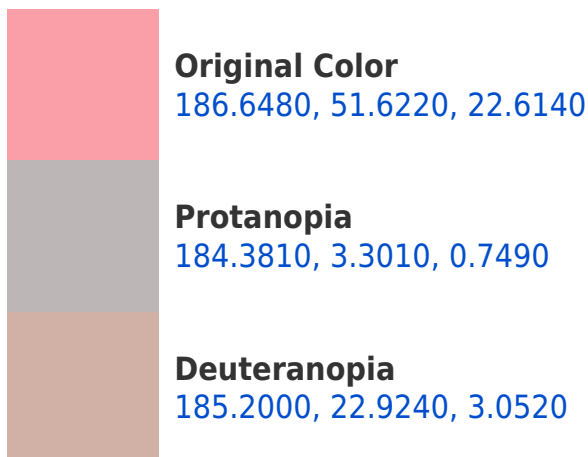


This preview shows how white text looks on a background with the YIQ color 186.6480, 51.6220,

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

186.8760, 50.9800, 23.2360

Trichromacy



Original Color

186.6480, 51.6220, 22.6140



Protanomaly

185.4050, 21.0890, 8.7770



Deuteranomaly

185.6900, 33.4680, 10.2040



Tritanomaly

186.7620, 51.3010, 22.9250

Monochromacy



Original Color

186.6480, 51.6220, 22.6140



Achromatopsia

187.0000, -0.0000, -0.0000



Achromatomaly

186.6220, 18.9800, 8.4520

CSS Examples

Text

The CSS property to change the color of the text to YIQ 186.6480, 51.6220, 22.6140 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(250, 158, 168)` looks like.

```
.text, #text, p{  
    color:rgb(250, 158, 168)  
}
```

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(250, 158, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 158, 168) }
```

Border

The CSS property to change the border of an element to YIQ 186.6480, 51.6220, 22.6140 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(250, 158, 168) }
```


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

```
.border{ border-color:rgb(250, 158, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 158, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 158, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 158, 168);  
box-shadow:4px 4px 4px 4px rgb(250, 158,  
168) }
```

Background

The CSS property to change the background color of an element to YIQ 186.6480, 51.6220, 22.6140 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 158, 168) }
```

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

```
.background{ background-color: rgb(250,  
158, 168) }
```

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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