

Converting Colors

YIQ(183.4090, 50.7970, 21.0450)

Have a look what the booklet for
YIQ(183.4090, 50.7970, 21.0450)
contains.

YIQ(183.4090, 50.7970, 21.0450)	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(183.4090, 50.7970,
21.0450)**

Conversions

Conversions Part 1

Format	Color
Hex	F59CA3
RGB	245, 156, 163
RGB Percent	96%, 61%, 64%
CMY	0.0390, 0.3884, 0.3606
CMYK	0.00, 0.36, 0.33, 0.04
HSL	355°, 82%, 79%
HSV	355°, 36%, 96%
XYZ	56.1730, 45.8329, 40.5598
YIQ	183.4090, 50.7970, 21.0450

Conversions

Conversions Part 2

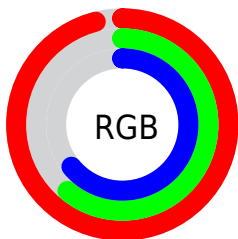
Format	Color
R _Y B	245, 156, 163
Decimal	16096419
CIE Lab	73.44, 34.09, 10.30
CIE LCh	73, 35.614, 16.805
Yxy	45.8329, 0.3940, 0.3215
Android (android.graphics.Color)	4294286499 (0xFFFF59CA3)
YUV	183.4090, -10.0616, 54.0153
Hunter-Lab	67.7000, 29.6324, 11.8687

Details

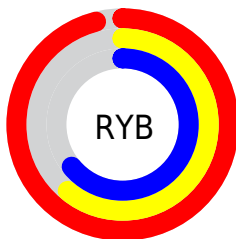
The YIQ color **183.4090, 50.7970, 21.0450** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **217.5910, -50.7970, -21.0450**, and the grayscale version is **183.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **224.9540, 23.9770, 11.5050**, and **129.0280, 47.4960, 20.2960** is the 20% darker color. If you saturate the color by 10%, you get **166.1120, 65.0550, 26.9670**, and if you desaturate by 10%, it is **200.1190, 36.8140, 15.6460**.

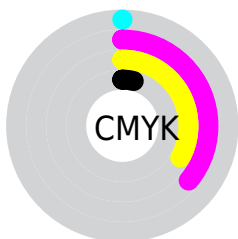
Distribution



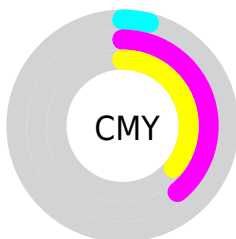
- Red (96%)
- Green (61%)
- Blue (64%)



- Red (96%)
- Yellow (61%)
- Blue (64%)



- Cyan (0%)
- Magenta (36%)
- Yellow (33%)
- Black (4%)





- Cyan (4%)
- Magenta (39%)
- Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 183.4090, 50.7970, 21.0450 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 183.4090, 50.7970, 21.0450 by changing the saturation by 10% instead.


 183.4090, 50.7970,
21.0450


 183.4090, 50.7970,
21.0450

255.0000, -0.0000,
-0.0000


 155.9250, 49.2840,
20.9320


 224.9540, 23.9770,
11.5050


 129.0280, 47.4960,
20.2960

 245.1690, 7.0140,
5.0460

 102.9460, 44.7910,
19.7590

 77.8640, 42.0860,
19.2220

 52.6080, 39.9310,
19.7310

 25.8190, 37.9590,
22.4310

 15.5480, 30.9920,

11.0240

■ 4.4850, 8.9400,
3.1800

■ 0.0000, 0.0000,
0.0000

■ 183.4090, 50.7970,
21.0450

■ 183.4090, 50.7970,
21.0450

■ 166.1120, 65.0550,
26.9670

■ 200.1190, 36.8140,
15.6460

■ 149.5160, 78.7170,
32.6770

■ 217.3020, 22.8770,
9.4130

■ 132.2190, 92.9750,
38.5990

■ 234.0120, 8.8940,
4.0140

■ 115.6230,
106.6370, 44.3090

■ 251.1950, -5.0430,
-2.2190

■ 98.3260, 120.8950,
50.2310

■ 252.0100, -5.9600,
-2.1200

■ 81.7300, 134.5570,
55.9410

■ 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.



184.7680, 33.9690, 28.6650



183.4090, 50.7970, 21.0450



181.8200, 53.4130, 6.6690

Triad

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



183.4090, 50.7970, 21.0450



172.0470, -8.5230, -27.2670



171.5460, -62.9510, 0.9930

Complementary

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



183.4090, 50.7970, 21.0450



217.5910, -50.7970, -21.0450

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.



160.9740, -85.3680, -16.7600



183.4090, 50.7970, 21.0450



166.3280, -43.0470, -29.3430

Square

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



183.4090, 50.7970, 21.0450



176.3620, 21.5070, -20.8370



160.0270, -75.6920, -26.9240



180.6370, -28.9340, 17.7700

Rectangle

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



183.4090, 50.7970, 21.0450



180.5600, 47.9130, -3.7910



160.0270, -75.6920, -26.9240



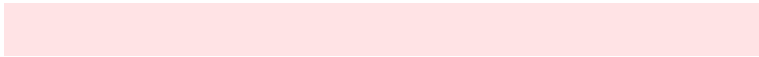
167.8820, -72.9450, -5.1130

Sweetspot

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



183.4090, 50.7970, 21.0450



235.6000, 16.0460, 6.5580



190.6640, 20.3030, 45.0630



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.



183.4090, 50.7970, 21.0450



177.5140, 63.8630, 26.5430



204.3300, 42.8690, -0.4830



113.7020, 6.8310, 2.8550



57.3240, 106.0410, 44.0970



18.2110, 33.5590, 14.0630

Inverse Universe

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



183.4090, 50.7970, 21.0450



177.5140, 63.8630, 26.5430



196.6700, -42.8690, 0.4830



113.7020, 6.8310, 2.8550



57.3240, 106.0410, 44.0970



18.2110, 33.5590, 14.0630

Previews

White Background



This preview shows how the YIQ color 183.4090, 50.7970, 21.0450 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 183.4090, 50.7970, 21.0450 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

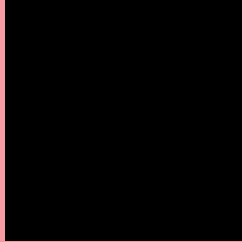
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 183.4090, 50.7970, 21.0450

Background



This preview shows how black text looks on a background with the YIQ color 183.4090, 50.7970, 21.0450.



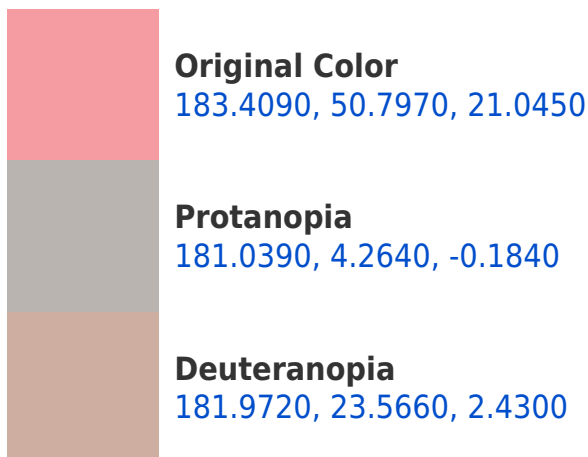
This preview shows how white text looks on a background with the YIQ color 183.4090, 50.7970,

21.0450.

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

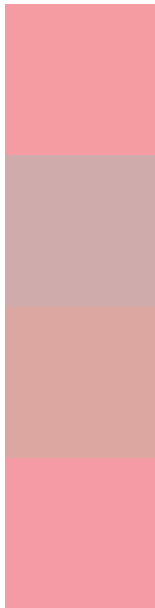




Tritanopia

183.2780, 49.7880, 22.8120

Trichromacy



Original Color

183.4090, 50.7970, 21.0450

Protanomaly

181.7640, 21.4560, 7.6320

Deuteranomaly

182.1630, 33.5140, 9.3700

Tritanomaly

183.1640, 50.1090, 22.5010

Monochromacy



Original Color

183.4090, 50.7970, 21.0450

Achromatopsia

183.0000, -0.0000, -0.0000

Achromatomaly

183.2090, 18.7050, 7.9290

CSS Examples

Text

The CSS property to change the color of the text to YIQ 183.4090, 50.7970, 21.0450 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, 156, 163)` looks like.

```
.text, #text, p{  
    color:rgb(245, 156, 163)  
}
```

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, 156, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 156, 163) }
```

Border

The CSS property to change the border of an element to YIQ 183.4090, 50.7970, 21.0450 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, 156, 163) }
```


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

```
.border{ border-color:rgb(245, 156, 163) }
```

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

Here you see how a box with a 4 pixel rgb(245, 156, 163) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 156, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 156, 163);  
box-shadow:4px 4px 4px 4px rgb(245, 156,  
163) }
```

Background

The CSS property to change the background color of an element to YIQ 183.4090, 50.7970, 21.0450 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 156, 163) }
```

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

```
.background{ background-color: rgb(245,  
156, 163) }
```

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