

Converting Colors

YIQ(182.6260, 48.6880, 20.7200)

Have a look what the booklet for
YIQ(182.6260, 48.6880, 20.7200)
contains.

YIQ(182.6260, 48.6880, 20.7200)	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(182.6260, 48.6880,
20.7200)**

Conversions

Conversions Part 1

Format	Color
Hex	F29CA4
RGB	242, 156, 164
RGB Percent	95%, 61%, 64%
CMY	0.0508, 0.3884, 0.3567
CMYK	0.00, 0.36, 0.32, 0.05
HSL	354°, 77%, 78%
HSV	354°, 36%, 95%
XYZ	55.2239, 45.3336, 40.9842
YIQ	182.6260, 48.6880, 20.7200

Conversions

Conversions Part 2

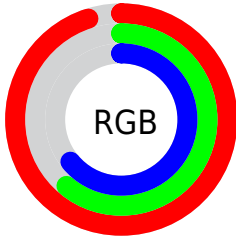
Format	Color
R _Y B	242, 156, 164
Decimal	15899812
CIE Lab	73.11, 33.12, 9.23
CIE LCh	73, 34.385, 15.579
Yxy	45.3336, 0.3902, 0.3203
Android (android.graphics.Color)	4294089892 (0xFFFF29CA4)
YUV	182.6260, -9.1826, 52.0710
Hunter-Lab	67.3302, 28.5768, 11.0411

Details

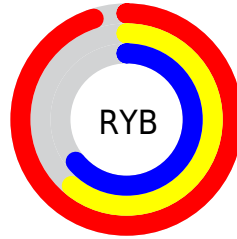
The YIQ color **182.6260, 48.6880, 20.7200** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **215.3740, -48.6880, -20.7200**, and the grayscale version is **183.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **225.0680, 23.6560, 11.8160**, and **128.8320, 45.1120, 19.4480** is the 20% darker color. If you saturate the color by 10%, you get **166.0300, 62.3500, 26.4300**, and if you desaturate by 10%, it is **199.2220, 35.0260, 15.0100**.

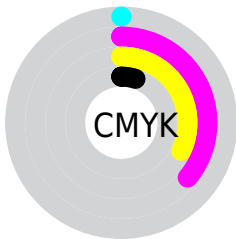
Distribution



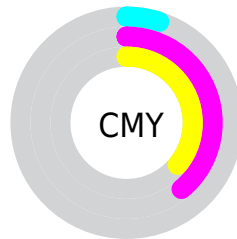
- Red (95%)
- Green (61%)
- Blue (64%)



- Red (95%)
- Yellow (61%)
- Blue (64%)



- Cyan (0%)
- Magenta (36%)
- Yellow (32%)
- Black (5%)




- Cyan (5%)
- Magenta (39%)
- Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 182.6260, 48.6880, 20.7200 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 182.6260, 48.6880, 20.7200 by changing the saturation by 10% instead.


 182.6260, 48.6880,
20.7200


 182.6260, 48.6880,
20.7200


255.0000, -0.0000,
-0.0000


 155.1420, 47.1750,
20.6070


 225.0680, 23.6560,
11.8160


 128.2450, 45.3870,
19.9710

 245.2830, 6.6930,
5.3570

 102.4620, 43.2780,
19.6460

 77.3800, 40.5730,
19.1090

 52.1240, 38.4180,
19.6180

 25.9220, 36.1710,
21.7950

 15.2490, 30.3960,

10.8120

■ 2.6910, 5.3640,
1.9080

■ 0.0000, 0.0000,
0.0000

■ 182.6260, 48.6880,
20.7200

■ 182.6260, 48.6880,
20.7200

■ 166.0300, 62.3500,
26.4300

■ 199.2220, 35.0260,
15.0100

■ 149.4340, 76.0120,
32.1400

■ 215.8180, 21.3640,
9.3000

■ 132.2510, 89.9490,
38.3730

■ 233.0010, 7.4270,
3.0670

■ 115.6550,
103.6110, 44.0830

■ 249.5970, -6.2350,
-2.6430

■ 99.0590, 117.2730,
49.7930

■ 251.1130, -7.7480,
-2.7560

■ 82.4630, 130.9350,
55.5030

■ 74.9800, 136.8490,
58.4570

Harmonies

Analogous

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



183.8710, 32.1810, 28.0290



182.6260, 48.6880, 20.7200



180.8630, 51.8540, 7.3900

Triad

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



182.6260, 48.6880, 20.7200



171.9440, -6.7350, -26.6310



170.9160, -61.1170, 0.7950

Complementary

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



182.6260, 48.6880, 20.7200



215.3740, -48.6880, -20.7200

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.



161.4260, -80.8290, -16.4210



182.6260, 48.6880, 20.7200



166.8230, -40.0670, -28.2830

Square

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



182.6260, 48.6880, 20.7200



176.1880, 22.0570, -19.7910



161.1910, -70.2820, -25.8500



179.6970, -29.1630, 16.4130

Rectangle

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



182.6260, 48.6880, 20.7200



179.9020, 46.9500, -2.8580



161.1910, -70.2820, -25.8500



167.4370, -70.1940, -5.4100

Sweetspot

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



182.6260, 48.6880, 20.7200



235.7140, 15.7250, 6.8690



188.8270, 18.2860, 43.0700



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.



182.6260, 48.6880, 20.7200



179.1440, 62.0290, 26.7410



201.6720, 41.9060, 0.4500



111.7020, 6.8310, 2.8550



56.9540, 104.2070, 44.2950



17.3140, 31.7710, 13.4270

Inverse Universe

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



182.6260, 48.6880, 20.7200



179.1440, 62.0290, 26.7410



196.3280, -41.9060, -0.4500



111.7020, 6.8310, 2.8550



56.9540, 104.2070, 44.2950



17.3140, 31.7710, 13.4270

Previews

White Background



This preview shows how the YIQ color 182.6260, 48.6880, 20.7200 looks on a white background.

Color Contrast Check

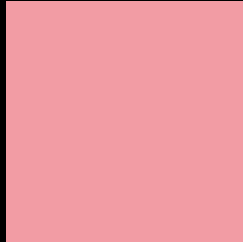
Large Text (above 18pt) WCAG AA × Fail

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 182.6260, 48.6880, 20.7200 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 182.6260, 48.6880, 20.7200

Background



This preview shows how black text looks on a background with the YIQ color 182.6260, 48.6880, 20.7200.



This preview shows how white text looks on a background with the YIQ color 182.6260, 48.6880,

20.7200.

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

182.6260, 48.6880, 20.7200

Protanopia

180.2670, 3.6220, 0.4380

Deuteranopia

180.9010, 22.3280, 2.8400



Tritanopia

182.3810, 48.0000, 22.1760

Trichromacy



Original Color

182.6260, 48.6880, 20.7200

Protanomaly

181.2800, 19.9430, 7.5190

Deuteranomaly

181.6790, 32.0010, 9.2570

Tritanomaly

182.2670, 48.3210, 21.8650

Monochromacy



Original Color

182.6260, 48.6880, 20.7200

Achromatopsia

183.0000, -0.0000, -0.0000

Achromatomaly

182.6110, 17.5130, 7.5050

CSS Examples

Text

The CSS property to change the color of the text to YIQ 182.6260, 48.6880, 20.7200 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(242, 156, 164)` looks like.

```
.text, #text, p{  
    color:rgb(242, 156, 164)  
}
```

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(242, 156, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 156, 164) }
```

Border

The CSS property to change the border of an element to YIQ 182.6260, 48.6880, 20.7200 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(242, 156, 164) }
```


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

```
.border{ border-color:rgb(242, 156, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 156, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 156, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 156, 164);  
box-shadow:4px 4px 4px 4px rgb(242, 156,  
164) }
```

Background

The CSS property to change the background color of an element to YIQ 182.6260, 48.6880, 20.7200 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 156, 164) }
```

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

```
.background{ background-color: rgb(242,  
156, 164) }
```

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