

Converting Colors

YIQ(185.2710, 42.4980, 22.7700)

Have a look what the booklet for
YIQ(185.2710, 42.4980, 22.7700)
contains.

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Color

**YIQ(185.2710, 42.4980,
22.7700)**

Conversions

Conversions Part 1

Format	Color
Hex	F09FB1
RGB	240, 159, 177
RGB Percent	94%, 62%, 69%
CMY	0.0586, 0.3766, 0.3057
CMYK	0.00, 0.34, 0.26, 0.06
HSL	347°, 73%, 78%
HSV	347°, 34%, 94%
XYZ	56.2849, 46.4948, 47.6235
YIQ	185.2710, 42.4980, 22.7700

Conversions

Conversions Part 2

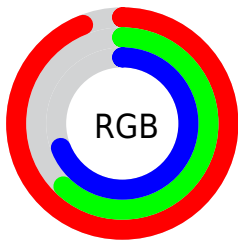
Format	Color
RYB	240, 159, 177
Decimal	15769521
CIELab	73.87, 32.52, 3.12
CIELCh	74, 32.675, 5.488
Yxy	46.4948, 0.3742, 0.3091
Android (android.graphics.Color)	4293959601 (0xFFFF09FB1)
YUV	185.2710, -4.0776, 47.9973
Hunter-Lab	68.1871, 28.0148, 6.3215

Details

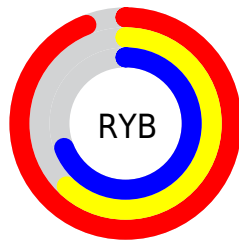
The YIQ color **185.2710, 42.4980, 22.7700** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **213.7290, -42.4980, -22.7700**, and the grayscale version is **185.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **228.4250, 18.3370, 14.6010**, and **130.8900, 39.1970, 22.0210** is the 20% darker color. If you saturate the color by 10%, you get **169.0170, 55.1970, 29.4130**, and if you desaturate by 10%, it is **201.5250, 29.7990, 16.1270**.

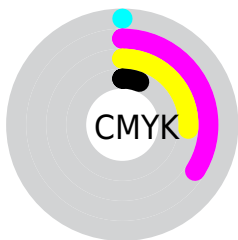
Distribution



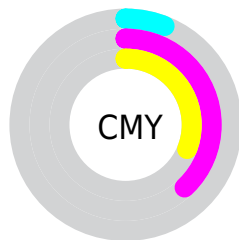
- Red (94%)
- Green (62%)
- Blue (69%)



- Red (94%)
- Yellow (62%)
- Blue (69%)



- Cyan (0%)
- Magenta (34%)
- Yellow (26%)
- Black (6%)





- Cyan (6%)
- Magenta (38%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 185.2710, 42.4980, 22.7700 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 185.2710, 42.4980, 22.7700 by changing the saturation by 10% instead.

 185.2710, 42.4980,
22.7700


 185.2710, 42.4980,
22.7700


255.0000, -0.0000,
-0.0000


 157.6730, 41.3060,
22.3460


 228.4250, 18.3370,
14.6010


 130.8900, 39.1970,
22.0210

 247.9560, 3.3000,
6.2760

 104.9930, 37.4090,
21.3850

 80.0960, 35.6210,
20.7490

 55.3130, 33.5120,
20.4240

 29.2960, 32.1820,
22.5020

 16.1610, 27.8280,

13.3000

■ 4.4850, 8.9400,
3.1800

■ 0.0000, 0.0000,
0.0000

■ 185.2710, 42.4980,
22.7700

■ 185.2710, 42.4980,
22.7700

■ 169.0170, 55.1970,
29.4130

■ 201.5250, 29.7990,
16.1270

■ 152.8770, 67.5750,
36.3670

■ 217.6650, 17.4210,
9.1730

■ 136.6230, 80.2740,
43.0100

■ 233.9190, 4.7220,
2.5300

■ 120.3690, 92.9730,
49.6530

■ 250.1730, -7.9770,
-4.1130

■ 104.2290,
105.3510, 56.6070

■ 250.5150, -8.9400,
-3.1800

■ 87.9750, 118.0500,
63.2500

■ 77.8020, 126.0270,
67.3630

Harmonies

Analogous

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



186.2550, 22.2320, 26.6160



185.2710, 42.4980, 22.7700



183.4270, 50.3860, 11.9700

Triad

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



185.2710, 42.4980, 22.7700



175.6140, 3.1220, -23.5500



170.6010, -64.7840, -4.3360

Complementary

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



185.2710, 42.4980, 22.7700



213.7290, -42.4980, -22.7700

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.



164.6670, -74.3180, -18.7820



185.2710, 42.4980, 22.7700



171.4070, -27.0920, -26.6440

Square

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



185.2710, 42.4980, 22.7700



179.0580, 28.4750, -14.9570



166.1340, -56.9400, -25.3560



179.7450, -38.2860, 11.0420

Rectangle

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



185.2710, 42.4980, 22.7700



182.5480, 48.1870, 2.2590



166.1340, -56.9400, -25.3560



168.5030, -70.5600, -9.7920

Sweetspot

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



185.2710, 42.4980, 22.7700



238.0450, 13.2950, 6.8550



186.7720, 10.9510, 38.3350



117.2400, 8.2520, 4.6360



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.



185.2710, 42.4980, 22.7700



184.1310, 54.8760, 29.7240



196.1330, 42.2260, 5.6660



111.9300, 6.1890, 3.4770



59.6900, 96.5030, 51.7590



18.2260, 29.2030, 15.9150

Inverse Universe

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



185.2710, 42.4980, 22.7700



184.1310, 54.8760, 29.7240



202.8670, -42.2260, -5.6660



111.9300, 6.1890, 3.4770



59.6900, 96.5030, 51.7590



18.2260, 29.2030, 15.9150

Previews

White Background



This preview shows how the YIQ color 185.2710, 42.4980, 22.7700 looks on a white background.

Color Contrast Check

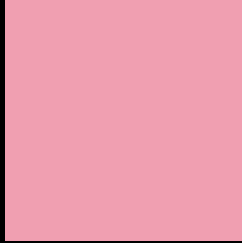
Large Text (above 18pt) WCAG AA × Fail

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 185.2710, 42.4980, 22.7700 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 185.2710, 42.4980, 22.7700

Background



This preview shows how black text looks on a background with the YIQ color 185.2710, 42.4980, 22.7700.



This preview shows how white text looks on a background with the YIQ color 185.2710, 42.4980,

22.7700.

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

185.2710, 42.4980, 22.7700

Protanopia

182.6240, -1.6970, 3.2230

Deuteranopia

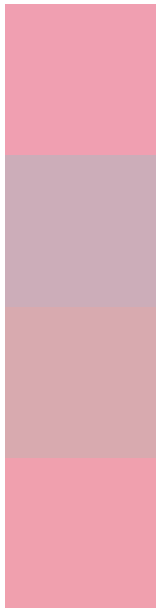
183.5460, 16.1380, 4.8900



Tritanopia

185.2880, 43.8280, 20.6920

Trichromacy



Original Color

185.2710, 42.4980, 22.7700

Protanomaly

183.6370, 14.6240, 10.3040

Deuteranomaly

184.3240, 25.8110, 11.3070

Tritanomaly

185.5160, 43.1860, 21.3140

Monochromacy



Original Color

185.2710, 42.4980, 22.7700

Achromatopsia

185.0000, -0.0000, -0.0000

Achromatomaly

185.3550, 15.3580, 8.0140

CSS Examples

Text

The CSS property to change the color of the text to YIQ 185.2710, 42.4980, 22.7700 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(240, 159, 177)` looks like.

```
.text, #text, p{  
    color:rgb(240, 159, 177)  
}
```

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(240, 159, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 159, 177) }
```

Border

The CSS property to change the border of an element to YIQ 185.2710, 42.4980, 22.7700 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(240, 159, 177) }
```


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

```
.border{ border-color:rgb(240, 159, 177) }
```

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

Here you see how a box with a 4 pixel rgb(240, 159, 177) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 159, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 159, 177);  
box-shadow:4px 4px 4px 4px rgb(240, 159,  
177) }
```

Background

The CSS property to change the background color of an element to YIQ 185.2710, 42.4980, 22.7700 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 159, 177) }
```

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

```
.background{ background-color: rgb(240,  
159, 177) }
```

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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