

Converting Colors

YIQ(222.9770, 17.1430, 25.2310)

Have a look what the booklet for
YIQ(222.9770, 17.1430, 25.2310)
contains.

YIQ(222.9770, 17.1430, 25.2310)	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(222.9770, 17.1430,
25.2310)**

Conversions

Conversions Part 1

Format	Color
Hex	FFCAF7
RGB	255, 202, 247
RGB Percent	100%, 79%, 97%
CMY	0.0000, 0.2079, 0.0313
CMYK	0.00, 0.21, 0.03, 0.00
HSL	309°, 100%, 90%
HSV	309°, 21%, 100%
XYZ	79.1451, 70.2066, 97.3824
YIQ	222.9770, 17.1430, 25.2310

Conversions

Conversions Part 2

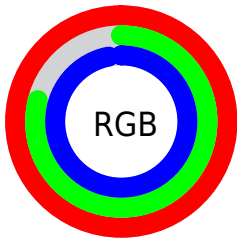
Format	Color
RYB	255, 202, 247
Decimal	16763639
CIELab	87.10, 26.01, -14.94
CIElCh	87, 29.995, 330.128
Yxy	70.2066, 0.3208, 0.2845
Android (android.graphics.Color)	4294953719 (0xFFFFCAF7)
YUV	222.9770, 11.8433, 28.0842
Hunter-Lab	83.7894, 21.9748, -10.2559

Details

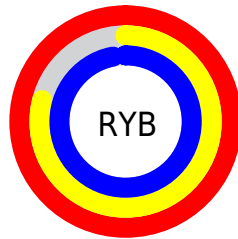
The YIQ color **222.9770, 17.1430, 25.2310** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **234.0230, -17.1430, -25.2310**, and the grayscale version is **223.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **255.0000, -0.0000, -0.0000**, and **167.8520, 15.9970, 23.9730** is the 20% darker color. If you saturate the color by 10%, you get **207.2590, 25.5770, 37.5850**, and if you desaturate by 10%, it is **238.1080, 8.9840, 13.4000**.

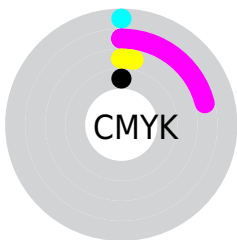
Distribution



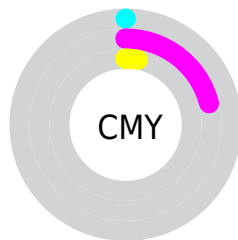
- Red (100%)
- Green (79%)
- Blue (97%)



- Red (100%)
- Yellow (79%)
- Blue (97%)



- Cyan (0%)
- Magenta (21%)
- Yellow (3%)
- Black (0%)





- Cyan (0%)
- Magenta (21%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 222.9770, 17.1430, 25.2310 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 222.9770, 17.1430, 25.2310 by changing the saturation by 10% instead.


 222.9770, 17.1430,
25.2310


 222.9770, 17.1430,
25.2310


255.0000, -0.0000,
-0.0000


 194.5640, 16.8680,
24.7080

 167.8520, 15.9970,
23.9730

 140.5530, 15.4010,
23.7610

 114.7270, 14.8510,
22.7150

 90.0150, 13.9800,
21.9800

 66.1890, 13.4300,
20.9340

 42.8900, 12.8340,

20.7220

■ 20.2920, 11.6420,
20.2980

■ 8.3740, 5.1790,
10.7710

■ 222.9770, 17.1430,
25.2310

■ 222.9770, 17.1430,
25.2310

■ 207.2590, 25.5770,
37.5850

■ 238.1080, 8.9840,
13.4000

■ 192.1280, 33.7360,
49.4160

■ 253.8260, 0.5500,
1.0460

■ 176.4100, 42.1700,
61.7700

■ 255.0000, -0.0000,
-0.0000

■ 161.3930, 50.0080,
73.9120

■ 145.6750, 58.4420,
86.2660

■ 130.5440, 66.6010,
98.0970

■ 114.8260, 75.0350,
110.4510

■ 100.9830, 82.3230,
121.5470

Harmonies

Analogous

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



219.6040, -6.9720, 16.2280



222.9770, 17.1430, 25.2310



217.4370, 27.2310, 18.6150

Triad

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



222.9770, 17.1430, 25.2310



216.6070, 31.3630, -12.2290



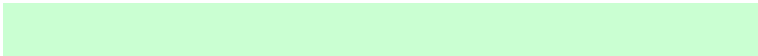
204.8810, -63.1770, -16.9450

Complementary

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



222.9770, 17.1430, 25.2310



234.0230, -17.1430, -25.2310

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.



206.0490, -46.3950, -23.7310



222.9770, 17.1430, 25.2310



213.4190, 8.1650, -21.3310

Square

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



222.9770, 17.1430, 25.2310



217.1340, 40.4850, -1.3310



209.7670, -19.2980, -24.7220



207.7450, -56.6220, -9.0860

Rectangle

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



222.9770, 17.1430, 25.2310



215.2710, 33.3300, 12.7060



209.7670, -19.2980, -24.7220



205.0400, -59.3710, -19.8430

Sweetspot

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



222.9770, 17.1430, 25.2310



245.9670, 4.7670, 7.2230



210.4340, -12.2450, 18.1790



122.4890, 3.1170, 4.0850



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.



222.9770, 17.1430, 25.2310



216.2920, 20.8100, 30.3620



220.0130, 25.4890, 17.1450



120.1410, 4.2170, 6.1770



75.5770, 61.8340, 90.8740



25.2920, 20.8100, 30.3620

Inverse Universe

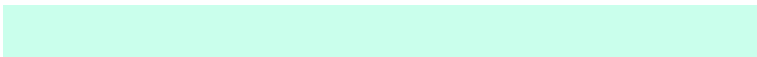
The Inverse Universe completely reimagines the original color for something new.



222.9770, 17.1430, 25.2310



216.2920, 20.8100, 30.3620



236.9870, -25.4890, -17.1450



120.1410, 4.2170, 6.1770



75.5770, 61.8340, 90.8740



25.2920, 20.8100, 30.3620

Previews

White Background



This preview shows how the YIQ color 222.9770, 17.1430, 25.2310 looks on a white background.

Color Contrast Check

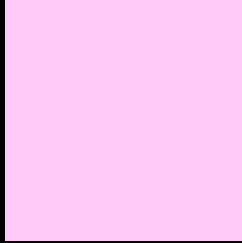
Large Text (above 18pt) WCAG AA × Fail

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 222.9770, 17.1430, 25.2310 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

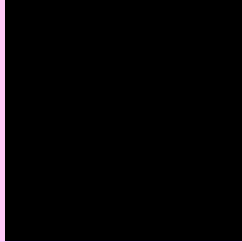
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 222.9770, 17.1430, 25.2310

Background



This preview shows how black text looks on a background with the YIQ color 222.9770, 17.1430, 25.2310.



This preview shows how white text looks on a background with the YIQ color 222.9770, 17.1430,

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

222.9770, 17.1430, 25.2310

Protanopia

219.5380, -15.7740, 10.5460

Deuteranopia

220.8340, -1.9280, 12.9200



Tritanopia

221.5780, 22.2800, 14.7280

Trichromacy



Original Color

222.9770, 17.1430, 25.2310



Protanomaly

221.0450, -3.9000, 15.6200



Deuteranomaly

221.5900, 4.8110, 17.4430



Tritanomaly

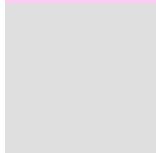
222.3160, 20.2620, 18.2620

Monochromacy



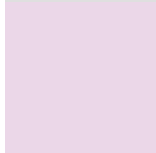
Original Color

222.9770, 17.1430, 25.2310



Achromatopsia

223.0000, -0.0000, -0.0000



Achromatomaly

222.9180, 6.4630, 9.5270

CSS Examples

Text

The CSS property to change the color of the text to YIQ 222.9770, 17.1430, 25.2310 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(255, 202, 247)` looks like.

```
.text, #text, p{  
    color:rgb(255, 202, 247)  
}
```

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(255, 202, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 202, 247) }
```

Border

The CSS property to change the border of an element to YIQ 222.9770, 17.1430, 25.2310 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(255, 202, 247) }
```


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

```
.border{ border-color:rgb(255, 202, 247) }
```

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

Here you see how a box with a 4 pixel rgb(255, 202, 247) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 202, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 202, 247);  
box-shadow:4px 4px 4px 4px rgb(255, 202,  
247) }
```

Background

The CSS property to change the background color of an element to YIQ 222.9770, 17.1430, 25.2310 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 202, 247) }
```

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

```
.background{ background-color: rgb(255,  
202, 247) }
```

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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