

Converting Colors

YIQ(222.0840, 9.5320, 25.5000)

Have a look what the booklet for
YIQ(222.0840, 9.5320, 25.5000)
contains.

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Color

**YIQ(222.0840, 9.5320,
25.5000)**

Conversions

Conversions Part 1

Format	Color
Hex	F7CBFF
RGB	247, 203, 255
RGB Percent	97%, 80%, 100%
CMY	0.0312, 0.2040, 0.0000
CMYK	0.03, 0.20, 0.00, 0.00
HSL	291°, 100%, 90%
HSV	291°, 20%, 100%
XYZ	77.7716, 69.7037, 103.9624
YIQ	222.0840, 9.5320, 25.5000

Conversions

Conversions Part 2

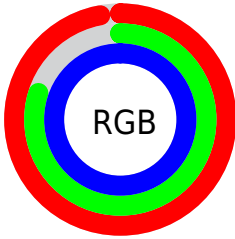
Format	Color
R_{YB}	247, 203, 255
Decimal	16239615
CIE _{Lab}	86.85, 24.34, -19.61
CIE _{LCh}	87, 31.254, 321.137
Yxy	69.7037, 0.3093, 0.2772
Android (android.graphics.Color)	4294429695 (0xFFFF7CBFF)
YUV	222.0840, 16.2276, 21.8513
Hunter-Lab	83.4887, 20.1714, -15.3874

Details

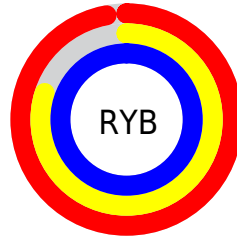
The YIQ color $222.0840, 9.5320, 25.5000$ is a light color, and the websafe version is hex $FFCCFF$. A complement of this color would be $235.9160, -9.5320, -25.5000$, and the grayscale version is $222.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $166.8450, 8.7070, 23.9310$ is the 20% darker color. If you saturate the color by 10%, you get $205.6260, 14.2980, 38.2500$, and if you desaturate by 10%, it is $237.9550, 5.0410, 13.2730$.

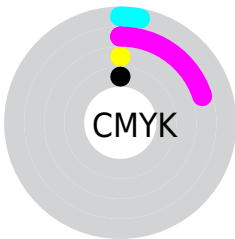
Distribution



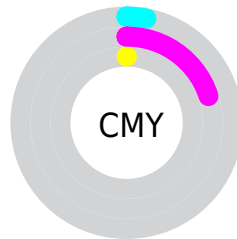
- Red (97%)
- Green (80%)
- Blue (100%)



- Red (97%)
- Yellow (80%)
- Blue (100%)



- Cyan (3%)
- Magenta (20%)
- Yellow (0%)
- Black (0%)



- Cyan (3%)
- Magenta (20%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 222.0840, 9.5320, 25.5000 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 222.0840, 9.5320, 25.5000 by changing the saturation by 10% instead.


 222.0840, 9.5320,
25.5000


 222.0840, 9.5320,
25.5000


255.0000, -0.0000,
-0.0000

 193.6710, 9.2570,
24.9770

 166.8450, 8.7070,
23.9310

 140.4320, 8.4320,
23.4080

 114.0190, 8.1570,
22.8850

 89.6060, 7.8820,
22.3620

 65.7800, 7.3320,
21.3160

 42.9540, 6.7820,

20.2700

■ 20.5410, 6.5070,
19.7470

■ 6.5520, -1.1940,
10.6300

■ 222.0840, 9.5320,
25.5000

■ 222.0840, 9.5320,
25.5000

■ 205.6260, 14.2980,
38.2500

■ 237.9550, 5.0410,
13.2730

■ 189.7550, 18.7890,
50.4770

254.4130, 0.2750,
0.5230

■ 173.2970, 23.5550,
63.2270

255.0000, -0.0000,
-0.0000

■ 157.4260, 28.0460,
75.4540

■ 141.2670, 33.4080,
88.4160

■ 125.3960, 37.8990,
100.6430

■ 108.9380, 42.6650,
113.3930

■ 93.6540, 46.8810,
125.0970

Harmonies

Analogous

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



216.8910, -15.2700, 12.4260



222.0840, 9.5320, 25.5000



217.8760, 24.6170, 21.9370

Triad

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



222.0840, 9.5320, 25.5000



217.0100, 37.5980, -9.5860



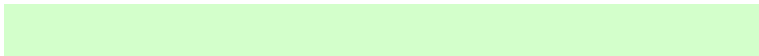
203.3600, -63.2680, -20.8040

Complementary

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



222.0840, 9.5320, 25.5000



235.9160, -9.5320, -25.5000

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.



206.1050, -40.8010, -25.9930



222.0840, 9.5320, 25.5000



213.6650, 16.2800, -19.7200

Square

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



222.0840, 9.5320, 25.5000



215.0140, 40.9430, 1.3830



210.1330, -11.6410, -25.8250



204.7440, -64.0490, -12.1530

Rectangle

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



222.0840, 9.5320, 25.5000



214.8950, 31.6330, 15.9290



210.1330, -11.6410, -25.8250



203.7150, -57.0780, -22.8540

Sweetspot

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



222.0840, 9.5320, 25.5000



245.5970, 2.9330, 7.4210



214.2110, -19.1670, 11.4650



122.1190, 1.2830, 4.2830



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.



222.0840, 9.5320, 25.5000



216.5020, 11.4110, 29.9950



222.5380, 19.7570, 21.9090



119.7710, 2.3830, 6.3750



70.2120, 35.2410, 93.7450



23.4420, 11.6400, 31.3520

Inverse Universe

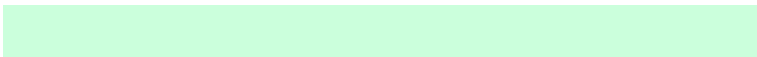
The Inverse Universe completely reimagines the original color for something new.



219.4600, 28.4240, 13.5120



213.2650, 33.4670, 15.7310



235.4620, -19.7570, -21.9090



119.1150, 7.1060, 3.3780



60.4150, 104.5270, 49.5110



20.2760, 34.9340, 16.6780

Previews

White Background



This preview shows how the YIQ color 222.0840, 9.5320, 25.5000 looks on a white background.

Color Contrast Check

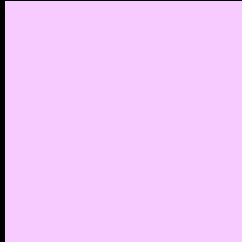
Large Text (above 18pt) WCAG AA × Fail

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 222.0840, 9.5320, 25.5000 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

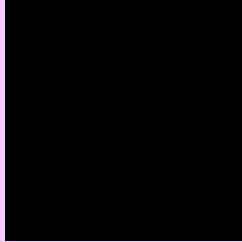
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 222.0840, 9.5320, 25.5000

Background



This preview shows how black text looks on a background with the YIQ color 222.0840, 9.5320, 25.5000.



This preview shows how white text looks on a background with the YIQ color 222.0840, 9.5320,

25.5000.

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

222.0840, 9.5320, 25.5000

Protanopia

218.3530, -16.6910, 10.6450

Deuteranopia

219.6640, -7.2010, 14.8710



Tritanopia

220.4030, 15.4030, 12.7070

Trichromacy



Original Color

222.0840, 9.5320, 25.5000



Protanomaly

219.6040, -6.9720, 16.2280



Deuteranomaly

220.7080, -1.3330, 18.6590



Tritanomaly

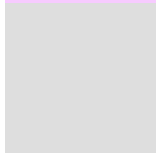
220.7820, 13.0180, 17.3860

Monochromacy



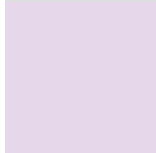
Original Color

222.0840, 9.5320, 25.5000



Achromatopsia

222.0000, -0.0000, 0.0000



Achromatomaly

221.9500, 3.4370, 9.3010

CSS Examples

Text

The CSS property to change the color of the text to YIQ 222.0840, 9.5320, 25.5000 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(247, 203, 255)` looks like.

```
.text, #text, p{  
    color:rgb(247, 203, 255)  
}
```

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(247, 203, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 203, 255) }
```

Border

The CSS property to change the border of an element to YIQ 222.0840, 9.5320, 25.5000 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(247, 203, 255) }
```


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

```
.border{ border-color:rgb(247, 203, 255) }
```

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

Here you see how a box with a 4 pixel rgb(247, 203, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 203, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 203, 255);  
box-shadow:4px 4px 4px 4px rgb(247, 203,  
255) }
```

Background

The CSS property to change the background color of an element to YIQ 222.0840, 9.5320, 25.5000 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 203, 255) }
```

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

```
.background{ background-color: rgb(247,  
203, 255) }
```

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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