

Converting Colors

YIQ(214.3890, 9.9910, 22.6870)

Have a look what the booklet for
YIQ(214.3890, 9.9910, 22.6870)
contains.

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Color

**YIQ(214.3890, 9.9910,
22.6870)**

Conversions

Conversions Part 1

Format	Color
Hex	EEC5F2
RGB	238, 197, 242
RGB Percent	93%, 77%, 95%
CMY	0.0665, 0.2275, 0.0510
CMYK	0.02, 0.19, 0.00, 0.05
HSL	295°, 63%, 86%
HSV	295°, 19%, 95%
XYZ	71.2602, 64.5183, 92.7028
YIQ	214.3890, 9.9910, 22.6870

Conversions

Conversions Part 2

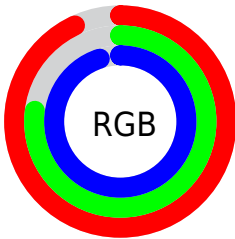
Format	Color
R _Y B	238, 197, 242
Decimal	15648242
CIE Lab	84.23, 22.18, -16.74
CIE LCh	84, 27.787, 322.959
Yxy	64.5183, 0.3119, 0.2824
Android (android.graphics.Color)	4293838322 (0xFFEEC5F2)
YUV	214.3890, 13.6122, 20.7068
Hunter-Lab	80.3233, 17.7937, -12.2016

Details

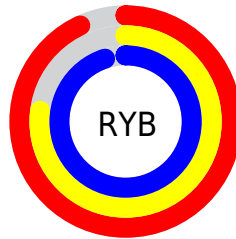
The YIQ color $214.3890, 9.9910, 22.6870$ is a light color, and the websafe version is hex FFCCFF . A complement of this color would be $224.6110, -9.9910, -22.6870$, and the grayscale version is $214.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $254.4130, 0.2750, 0.5230$, and $159.5630, 9.4410, 21.6410$ is the 20% darker color. If you saturate the color by 10%, you get $199.7030, 15.3990, 34.8150$, and if you desaturate by 10%, it is $229.0750, 4.5830, 10.5590$.

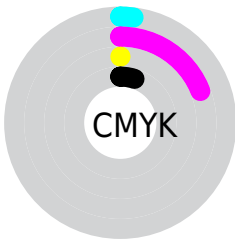
Distribution



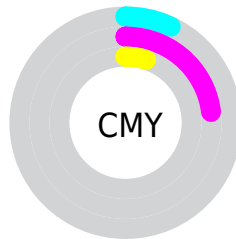
- Red (93%)
- Green (77%)
- Blue (95%)



- Red (93%)
- Yellow (77%)
- Blue (95%)



- Cyan (2%)
- Magenta (19%)
- Yellow (0%)
- Black (5%)



- Cyan (7%)
- Magenta (23%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 214.3890, 9.9910, 22.6870 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 214.3890, 9.9910, 22.6870 by changing the saturation by 10% instead.

 214.3890, 9.9910,
22.6870


 214.3890, 9.9910,
22.6870


255.0000, -0.0000,
-0.0000


 186.9760, 9.7160,
22.1640


254.4130, 0.2750,
0.5230

 159.5630, 9.4410,
21.6410

 133.1500, 9.1660,
21.1180

 107.4380, 8.2950,
20.3830

 82.9110, 8.3410,
19.5490

 59.1990, 7.4700,
18.8140

 37.3730, 6.9200,

17.7680

■ 14.4980, 8.0660,
19.0260

■ 2.4110, -5.4110,
4.4530

■ 214.3890, 9.9910,
22.6870

■ 214.3890, 9.9910,
22.6870

■ 199.7030, 15.3990,
34.8150

■ 229.0750, 4.5830,
10.5590

■ 185.0170, 20.8070,
46.9430

■ 243.7610, -0.8250,
-1.5690

■ 169.7440, 26.4900,
59.5940

■ 250.2290, -2.3830,
-6.3750

■ 154.7590, 31.3020,
71.5100

■ 251.1260, -0.5950,
-5.7390

140.0730, 36.7100,
83.6380

251.7240, 0.5970,
-5.3150

125.3870, 42.1180,
95.7660

252.3220, 1.7890,
-4.8910

110.7010, 47.5260,
107.8940

252.9200, 2.9810,
-4.4670

95.4280, 53.2090,
120.5450

253.5180, 4.1730,
-4.0430

93.6670, 54.0340,
122.1140

Harmonies

Analogous

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



211.5860, -15.7290, 15.2390



214.3890, 9.9910, 22.6870



213.6870, 29.5230, 21.1310

Triad

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



214.3890, 9.9910, 22.6870



209.4980, 33.2880, -8.5680



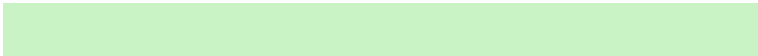
198.6600, -55.2450, -17.5250

Complementary

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



214.3890, 9.9910, 22.6870



224.6110, -9.9910, -22.6870

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.



200.3660, -37.0420, -22.5300



214.3890, 9.9910, 22.6870



206.8650, 12.8410, -17.9670

Square

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



214.3890, 9.9910, 22.6870



211.7370, 43.2810, 3.0650



203.2410, -11.8250, -22.4890



200.7990, -56.7140, -7.4180

Rectangle

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



214.3890, 9.9910, 22.6870



211.1620, 35.2550, 16.3670



203.2410, -11.8250, -22.4890



198.5310, -50.5680, -19.6880

Sweetspot

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



214.3890, 9.9910, 22.6870



245.8960, 3.5290, 7.6330



204.4780, -15.5450, 11.9030



122.4180, 1.8790, 4.4950



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.



214.3890, 9.9910, 22.6870



220.6330, 12.4200, 28.2280



213.5330, 18.1530, 17.9370



112.6570, 2.7040, 6.0640



70.9090, 40.4680, 92.6280



21.6330, 12.4200, 28.2280

Inverse Universe

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



210.9110, 25.5360, 10.7840



216.3140, 31.7710, 13.4270



225.4670, -18.1530, -17.9370



111.7020, 6.8310, 2.8550



56.8400, 104.5280, 43.9840



17.3140, 31.7710, 13.4270

Previews

White Background



This preview shows how the YIQ color 214.3890, 9.9910, 22.6870 looks on a white background.

Color Contrast Check

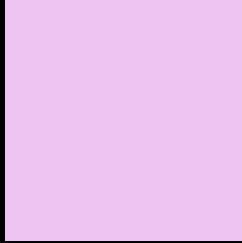
Large Text (above 18pt) WCAG AA × Fail

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 214.3890, 9.9910, 22.6870 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

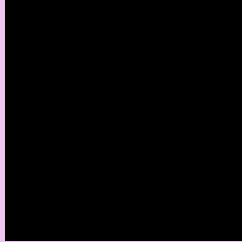
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 214.3890, 9.9910, 22.6870

Background



This preview shows how black text looks on a background with the YIQ color 214.3890, 9.9910, 22.6870.



This preview shows how white text looks on a background with the YIQ color 214.3890, 9.9910,

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

214.3890, 9.9910, 22.6870

Protanopia

211.5810, -17.3330, 11.2670

Deuteranopia

212.5780, -4.0830, 13.4290



Tritanopia

212.6910, 14.5320, 11.9720

Trichromacy



Original Color

214.3890, 9.9910, 22.6870

Protanomaly

212.7780, -7.5220, 15.1820

Deuteranomaly

213.3230, 1.1890, 17.0050

Tritanomaly

213.4290, 12.5140, 15.5060

Monochromacy



Original Color

214.3890, 9.9910, 22.6870

Achromatopsia

214.0000, -0.0000, 0.0000

Achromatomaly

214.3090, 3.8040, 8.1560

CSS Examples

Text

The CSS property to change the color of the text to YIQ 214.3890, 9.9910, 22.6870 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(238, 197, 242)` looks like.

```
.text, #text, p{  
    color:rgb(238, 197, 242)  
}
```

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(238, 197, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 197, 242) }
```

Border

The CSS property to change the border of an element to YIQ 214.3890, 9.9910, 22.6870 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(238, 197, 242) }
```


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

```
.border{ border-color:rgb(238, 197, 242) }
```

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

Here you see how a box with a 4 pixel `rgb(238, 197, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 197, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 197, 242);  
box-shadow:4px 4px 4px 4px rgb(238, 197,  
242) }
```

Background

The CSS property to change the background color of an element to YIQ 214.3890, 9.9910, 22.6870 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 197, 242) }
```

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

```
.background{ background-color: rgb(238,  
197, 242) }
```

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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