

Converting Colors

YIQ(219.8010, 2.8390, 20.1430)

Have a look what the booklet for
YIQ(219.8010, 2.8390, 20.1430)
contains.

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Color

**YIQ(219.8010, 2.8390,
20.1430)**

Conversions

Conversions Part 1

Format	Color
Hex	EBCEFB
RGB	235, 206, 251
RGB Percent	92%, 81%, 98%
CMY	0.0783, 0.1922, 0.0157
CMYK	0.06, 0.18, 0.00, 0.02
HSL	279°, 85%, 90%
HSV	279°, 18%, 98%
XYZ	73.7492, 68.7678, 100.6483
YIQ	219.8010, 2.8390, 20.1430

Conversions

Conversions Part 2

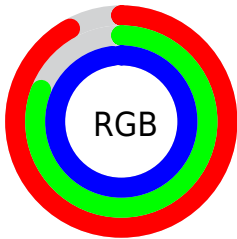
Format	Color
R _Y B	235, 206, 251
Decimal	15453947
CIE Lab	86.39, 18.12, -18.29
CIE LCh	86, 25.750, 314.733
Yxy	68.7678, 0.3033, 0.2828
Android (android.graphics.Color)	4293644027 (0xFFEBCEFB)
YUV	219.8010, 15.3811, 13.3295
Hunter-Lab	82.9264, 13.6248, -13.9122

Details

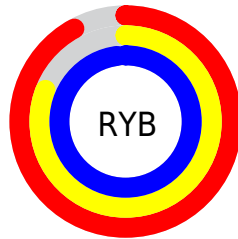
The YIQ color $219.8010, 2.8390, 20.1430$ is a light color, and the websafe version is hex FFCCFF . A complement of this color would be $237.1990, -2.8390, -20.1430$, and the grayscale version is $220.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $164.8610, 2.6100, 18.7860$ is the 20% darker color. If you saturate the color by 10%, you get $202.4350, 4.3500, 31.3100$, and if you desaturate by 10%, it is $237.1670, 1.3280, 8.9760$.

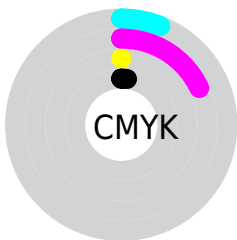
Distribution



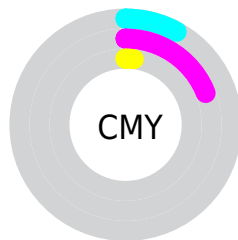
- Red (92%)
- Green (81%)
- Blue (98%)



- Red (92%)
- Yellow (81%)
- Blue (98%)



- Cyan (6%)
- Magenta (18%)
- Yellow (0%)
- Black (2%)



- Cyan (8%)
- Magenta (19%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 219.8010, 2.8390, 20.1430 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 219.8010, 2.8390, 20.1430 by changing the saturation by 10% instead.

■ 219.8010, 2.8390,
20.1430

■ 219.8010, 2.8390,
20.1430

255.0000, -0.0000,
-0.0000

■ 191.6870, 3.1600,
19.8320

■ 164.8610, 2.6100,
18.7860

■ 138.4480, 2.3350,
18.2630

■ 113.0350, 2.0600,
17.7400

■ 87.9210, 2.3810,
17.4290

■ 64.0950, 1.8310,
16.3830

■ 42.2690, 1.2810,

15.3370

■ 20.7420, 1.3270,
14.5030

■ 2.7360, -7.7040,
7.4640

■ 219.8010, 2.8390,
20.1430

■ 219.8010, 2.8390,
20.1430

■ 202.4350, 4.3500,
31.3100

■ 237.1670, 1.3280,
8.9760

■ 185.0690, 5.8610,
42.4770

■ 253.9460, 0.0920,
-1.6680

■ 167.7030, 7.3720,
53.6440

■ 254.5440, 1.2840,
-1.2440

■ 150.3370, 8.8830,
64.8110

■ 132.3840, 10.6690,
76.5010

■ 115.3170, 12.7760,
87.8800

■ 97.9510, 14.2870,
99.0470

■ 80.5850, 15.7980,
110.2140

■ 77.0520, 15.9810,
112.4050

Harmonies

Analogous

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



215.6840, -19.1210, 10.6310



219.8010, 2.8390, 20.1430



219.8650, 23.1500, 20.9900

Triad

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



219.8010, 2.8390, 20.1430



216.2040, 34.2960, -4.8080



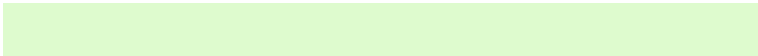
205.8520, -47.0380, -17.5820

Complementary

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



219.8010, 2.8390, 20.1430



237.1990, -2.8390, -20.1430

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.



207.7970, -28.0100, -21.0180



219.8010, 2.8390, 20.1430



213.6100, 18.1130, -14.3910

Square

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



219.8010, 2.8390, 20.1430



216.2680, 37.4120, 4.8040



210.7150, -4.3520, -20.2560



207.4850, -52.9540, -9.4820

Rectangle

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



219.8010, 2.8390, 20.1430



217.3400, 28.8820, 16.2260



210.7150, -4.3520, -20.2560



206.3210, -41.1690, -19.3210

Sweetspot

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



219.8010, 2.8390, 20.1430



245.8740, 0.5950, 5.7390



220.5220, -18.8450, 5.6270



122.4070, 0.4120, 3.5480



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.



219.8010, 2.8390, 20.1430



216.1480, 3.4800, 25.0480



223.9010, 14.3010, 21.6690



116.1730, 1.1910, 5.9510



58.0240, 12.0430, 84.6430



18.6150, 3.6630, 27.2390

Inverse Universe

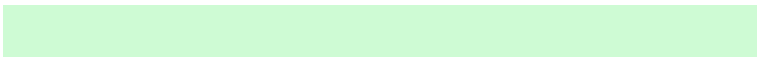
The Inverse Universe completely reimagines the original color for something new.



221.2790, 21.6840, 14.5160



218.0240, 26.9560, 18.0920



233.0990, -14.3010, -21.6690



116.4570, 6.1430, 4.3110



64.1490, 91.1370, 60.9050



20.7470, 29.2940, 19.7740

Previews

White Background



This preview shows how the YIQ color 219.8010, 2.8390, 20.1430 looks on a white background.

Color Contrast Check

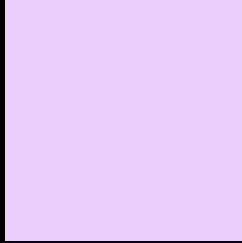
Large Text (above 18pt) WCAG AA × Fail

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 219.8010, 2.8390, 20.1430 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

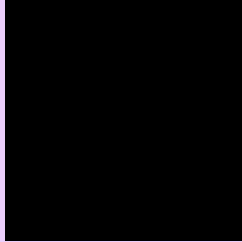
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 219.8010, 2.8390, 20.1430

Background



This preview shows how black text looks on a background with the YIQ color 219.8010, 2.8390, 20.1430.

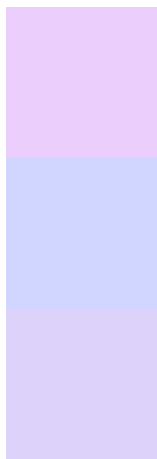


This preview shows how white text looks on a background with the YIQ color 219.8010, 2.8390,

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

219.8010, 2.8390, 20.1430

Protanopia

216.8800, -16.7370, 11.4790

Deuteranopia

218.4360, -6.5590, 14.2490



Tritanopia

218.2170, 7.0590, 9.7390

Trichromacy



Original Color

219.8010, 2.8390, 20.1430

Protanomaly

217.9950, -9.6310, 14.8570

Deuteranomaly

218.7570, -3.0290, 16.3550

Tritanomaly

218.9550, 5.0410, 13.2730

Monochromacy



Original Color

219.8010, 2.8390, 20.1430

Achromatopsia

220.0000, 0.0000, 0.0000

Achromatomaly

219.8140, 0.8240, 7.0960

CSS Examples

Text

The CSS property to change the color of the text to YIQ 219.8010, 2.8390, 20.1430 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(235, 206, 251)` looks like.

```
.text, #text, p{  
    color:rgb(235, 206, 251)  
}
```

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(235, 206, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 206, 251) }
```

Border

The CSS property to change the border of an element to YIQ 219.8010, 2.8390, 20.1430 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(235, 206, 251) }
```


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

```
.border{ border-color:rgb(235, 206, 251) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 206, 251)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 206, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 206, 251);  
box-shadow:4px 4px 4px 4px rgb(235, 206,  
251) }
```

Background

The CSS property to change the background color of an element to YIQ 219.8010, 2.8390, 20.1430 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 206, 251) }
```

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

```
.background{ background-color: rgb(235,  
206, 251) }
```

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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