

Converting Colors

YIQ(227.8470, 14.3930, 20.0010)

Have a look what the booklet for
YIQ(227.8470, 14.3930, 20.0010)
contains.

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Color

**YIQ(227.8470, 14.3930,
20.0010)**

Conversions

Conversions Part 1

Format	Color
Hex	FED3F6
RGB	254, 211, 246
RGB Percent	100%, 83%, 96%
CMY	0.0038, 0.1726, 0.0353
CMYK	0.00, 0.17, 0.03, 0.00
HSL	311°, 96%, 91%
HSV	311°, 17%, 100%
XYZ	80.8102, 74.3107, 97.2792
YIQ	227.8470, 14.3930, 20.0010

Conversions

Conversions Part 2

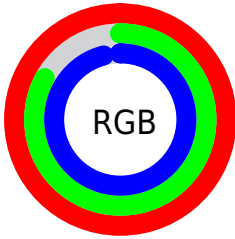
Format	Color
R_{YB}	254, 211, 246
Decimal	16700406
CIE _{Lab}	89.07, 20.79, -11.47
CIE _{LCh}	89, 23.745, 331.107
Yxy	74.3107, 0.3202, 0.2944
Android (android.graphics.Color)	4294890486 (0xFFFE _{D3F6})
YUV	227.8470, 8.9494, 22.9362
Hunter-Lab	86.2036, 16.4754, -6.5651

Details

The YIQ color $227.8470, 14.3930, 20.0010$ is a light color, and the websafe version is hex FFCCFF . A complement of this color would be $237.1530, -14.3930, -20.0010$, and the grayscale version is $228.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $172.1350, 13.5220, 19.2660$ is the 20% darker color. If you saturate the color by 10%, you get $212.6020, 22.8730, 31.5210$, and if you desaturate by 10%, it is $243.0920, 5.9130, 8.4810$.

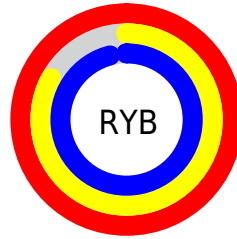
Distribution



Red (100%)

Green (83%)

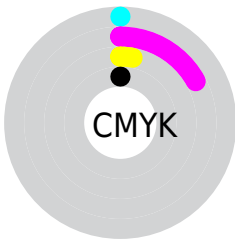
Blue (96%)



Red (100%)

Yellow (83%)

Blue (96%)

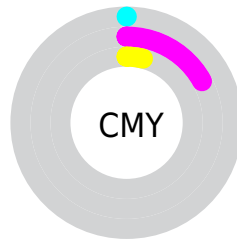


Cyan (0%)

Magenta (17%)

Yellow (3%)

Black (0%)



Cyan (0%)


Magenta (17%)


Yellow (4%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 227.8470, 14.3930, 20.0010 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 227.8470, 14.3930, 20.0010 by changing the saturation by 10% instead.


 227.8470, 14.3930,
20.0010

 227.8470, 14.3930,
20.0010


255.0000, -0.0000,
-0.0000


 199.5480, 13.7970,
19.7890

 172.1350, 13.5220,
19.2660

 145.7220, 13.2470,
18.7430

 119.8960, 12.6970,
17.6970

 94.5970, 12.1010,
17.4850

 70.8850, 11.2300,
16.7500

 48.0590, 10.6800,

15.7040

■ 25.7600, 10.0840,
15.4920

■ 9.8690, 8.1590,
11.8310

■ 227.8470, 14.3930,
20.0010

■ 227.8470, 14.3930,
20.0010

■ 212.6020, 22.8730,
31.5210

■ 243.0920, 5.9130,
8.4810

■ 196.8840, 31.3070,
43.8750

254.7010, -0.5960,
-0.2120

■ 181.6390, 39.7870,
55.3950

■ 165.8070, 48.5420,
67.4380

■ 150.5620, 57.0220,
78.9580

■ 135.4310, 65.1810,
90.7890

■ 119.5990, 73.9360,
102.8320

■ 104.3540, 82.4160,
114.3520

■ 99.5440, 84.9370,
118.2250

Harmonies

Analogous

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



225.5070, -5.3210, 13.8390



227.8470, 14.3930, 20.0010



223.8770, 22.8760, 14.9400

Triad

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



227.8470, 14.3930, 20.0010



222.4800, 24.5310, -9.5570



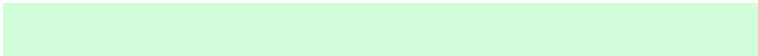
215.0140, -47.3140, -12.5780

Complementary

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



227.8470, 14.3930, 20.0010



237.1530, -14.3930, -20.0010

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.



215.1860, -36.3550, -18.4590



227.8470, 14.3930, 20.0010



220.0970, 6.3760, -16.4400

Square

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



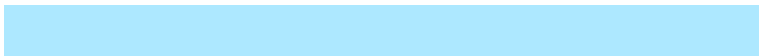
227.8470, 14.3930, 20.0010



223.5400, 33.4700, -0.8500



217.6690, -15.9060, -20.1140



216.9810, -42.5470, -5.3550

Rectangle

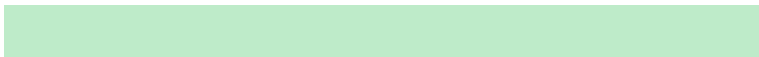
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



227.8470, 14.3930, 20.0010



222.0530, 28.0120, 9.9640



217.6690, -15.9060, -20.1140



214.8030, -45.3420, -15.2780

Sweetspot

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



227.8470, 14.3930, 20.0010



247.1410, 4.2170, 6.1770



218.2940, -9.0350, 15.0690



123.0760, 2.8420, 3.5620



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.



227.8470, 14.3930, 20.0010



223.9230, 17.2350, 23.5630



225.4530, 21.1340, 13.4700



120.0270, 4.5380, 5.8660



74.8930, 63.7600, 89.0080



25.0640, 21.4520, 29.7400

Inverse Universe

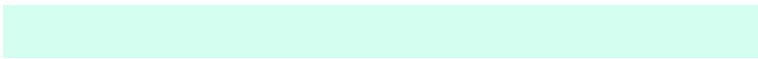
The Inverse Universe completely reimagines the original color for something new.



227.8470, 14.3930, 20.0010



223.9230, 17.2350, 23.5630



239.5470, -21.1340, -13.4700



120.0270, 4.5380, 5.8660



74.8930, 63.7600, 89.0080



25.0640, 21.4520, 29.7400

Previews

White Background



This preview shows how the YIQ color 227.8470, 14.3930, 20.0010 looks on a white background.

Color Contrast Check

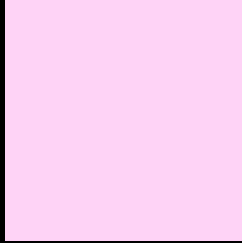
Large Text (above 18pt) WCAG AA × Fail

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 227.8470, 14.3930, 20.0010 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

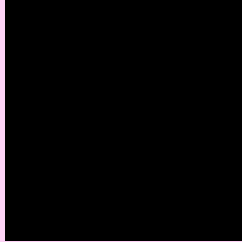
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 227.8470, 14.3930, 20.0010

Background



This preview shows how black text looks on a background with the YIQ color 227.8470, 14.3930, 20.0010.



This preview shows how white text looks on a background with the YIQ color 227.8470, 14.3930,

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

227.8470, 14.3930, 20.0010

Protanopia

224.6370, -11.7390, 9.0050

Deuteranopia

226.4600, 2.0610, 12.2130



Tritanopia

227.1860, 17.5120, 13.0320

Trichromacy



Original Color

227.8470, 14.3930, 20.0010

Protanomaly

225.8340, -1.9280, 12.9200

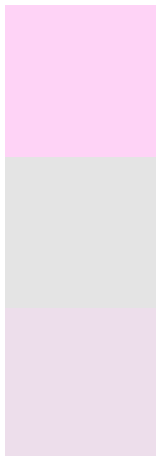
Deuteranomaly

226.7920, 7.0580, 15.2660

Tritanomaly

227.5820, 16.4570, 15.6330

Monochromacy



Original Color

227.8470, 14.3930, 20.0010

Achromatopsia

228.0000, 0.0000, 0.0000

Achromatomaly

227.9670, 4.7670, 7.2230

CSS Examples

Text

The CSS property to change the color of the text to YIQ 227.8470, 14.3930, 20.0010 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(254, 211, 246)` looks like.

```
.text, #text, p{  
    color:rgb(254, 211, 246)  
}
```

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(254, 211, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 211, 246) }
```

Border

The CSS property to change the border of an element to YIQ 227.8470, 14.3930, 20.0010 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(254, 211, 246) }
```


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

```
.border{ border-color:rgb(254, 211, 246) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 211, 246)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 211, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 211, 246);  
box-shadow:4px 4px 4px 4px rgb(254, 211,  
246) }
```

Background

The CSS property to change the background color of an element to YIQ 227.8470, 14.3930, 20.0010 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 211, 246) }
```

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

```
.background{ background-color: rgb(254,  
211, 246) }
```

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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