

Converting Colors

YIQ(224.9630, 19.7580, 16.3820)

Have a look what the booklet for
YIQ(224.9630, 19.7580, 16.3820)
contains.

YIQ(224.9630, 19.7580, 16.3820)	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(224.9630, 19.7580,
16.3820)**

Conversions

Conversions Part 1

Format	Color
Hex	FED1E7
RGB	254, 209, 231
RGB Percent	100%, 82%, 91%
CMY	0.0038, 0.1804, 0.0941
CMYK	0.00, 0.18, 0.09, 0.00
HSL	331°, 96%, 91%
HSV	331°, 18%, 100%
XYZ	78.1062, 72.4387, 85.4783
YIQ	224.9630, 19.7580, 16.3820

Conversions

Conversions Part 2

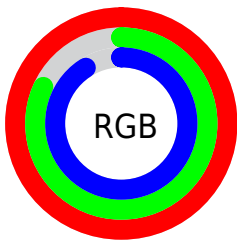
Format	Color
R_{YB}	254, 209, 231
Decimal	16699879
CIE _{Lab}	88.18, 19.28, -4.88
CIE _{LCh}	88, 19.889, 345.797
Yxy	72.4387, 0.3309, 0.3069
Android (android.graphics.Color)	4294889959 (0xFFFE _{D1E7})
YUV	224.9630, 2.9762, 25.4654
Hunter-Lab	85.1109, 14.8650, 0.0317

Details

The YIQ color **224.9630, 19.7580, 16.3820** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **238.0370, -19.7580, -16.3820**, and the grayscale version is **225.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **255.0000, -0.0000, -0.0000**, and **169.2510, 18.8870, 15.6470** is the 20% darker color. If you saturate the color by 10%, you get **208.8060, 30.8060, 25.4140**, and if you desaturate by 10%, it is **241.1200, 8.7100, 7.3500**.

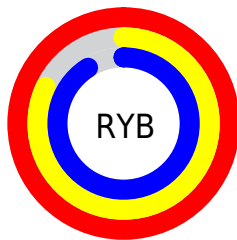
Distribution



Red (100%)

Green (82%)

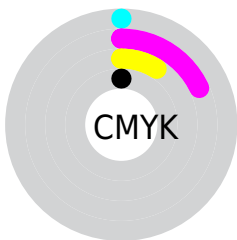
Blue (91%)



Red (100%)

Yellow (82%)

Blue (91%)

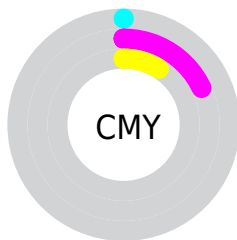


Cyan (0%)

Magenta (18%)

Yellow (9%)

Black (0%)



Cyan (0%)

Magenta (18%)

Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 224.9630, 19.7580, 16.3820 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 224.9630, 19.7580, 16.3820 by changing the saturation by 10% instead.

224.9630, 19.7580,
16.3820

224.9630, 19.7580,
16.3820

255.0000, -0.0000,
-0.0000

196.6640, 19.1620,
16.1700

169.2510, 18.8870,
15.6470

142.6530, 17.6950,
15.2230

117.2400, 17.4200,
14.7000

92.5280, 16.5490,
13.9650

68.2290, 15.9530,
13.7530

45.6310, 14.7610,

13.3290

■ 23.7340, 12.9730,
12.6930

■ 7.4470, 12.1030,
6.4310

■ 224.9630, 19.7580,
16.3820

■ 224.9630, 19.7580,
16.3820

■ 208.8060, 30.8060,
25.4140

■ 241.1200, 8.7100,
7.3500

■ 192.0620, 42.1290,
34.9690

254.7010, -0.5960,
-0.2120

■ 175.9050, 53.1770,
44.0010

■ 159.1610, 64.5000,
53.5560

■ 143.0040, 75.5480,
62.5880

■ 126.8470, 86.5960,
71.6200

■ 110.1030, 97.9190,
81.1750

■ 93.9460, 108.9670,
90.2070

■ 90.0820, 111.5800,
92.4120

Harmonies

Analogous

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



224.1660, 3.0690, 15.9730



224.9630, 19.7580, 16.3820



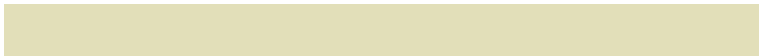
222.5090, 26.7280, 11.2080

Triad

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



224.9630, 19.7580, 16.3820



219.5650, 13.9860, -11.1820



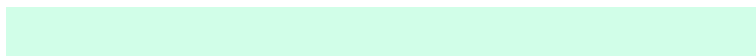
215.3080, -39.1540, -6.2740

Complementary

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



224.9630, 19.7580, 16.3820



238.0370, -19.7580, -16.3820

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.



213.9460, -35.4390, -13.0310



224.9630, 19.7580, 16.3820



216.9480, -3.3900, -15.6620

Square

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



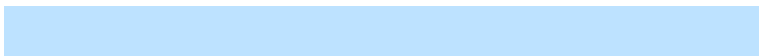
224.9630, 19.7580, 16.3820



221.7240, 26.9600, -4.0160



215.2540, -21.8670, -16.7070



218.2430, -31.3610, 1.1750

Rectangle

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



224.9630, 19.7580, 16.3820



222.3150, 30.0300, 6.4300



215.2540, -21.8670, -16.7070



214.7270, -39.0160, -8.7760

Sweetspot

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



224.9630, 19.7580, 16.3820



246.5710, 5.8220, 4.6220



221.0070, -0.7370, 18.8710



122.8480, 3.4840, 2.9400



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.



224.9630, 19.7580, 16.3820



220.2240, 23.5170, 19.8450



222.4550, 26.8200, 9.5400



119.5710, 5.8220, 4.6220



67.8250, 83.6620, 69.7260



22.6700, 28.1930, 23.2090

Inverse Universe

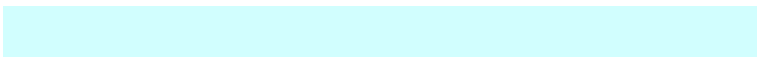
The Inverse Universe completely reimagines the original color for something new.



224.9630, 19.7580, 16.3820



220.2240, 23.5170, 19.8450



240.5450, -26.8200, -9.5400



119.5710, 5.8220, 4.6220



67.8250, 83.6620, 69.7260



22.6700, 28.1930, 23.2090

Previews

White Background



This preview shows how the YIQ color 224.9630, 19.7580, 16.3820 looks on a white background.

Color Contrast Check

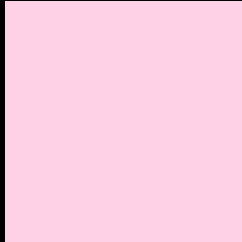
Large Text (above 18pt) WCAG AA × Fail

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 224.9630, 19.7580, 16.3820 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

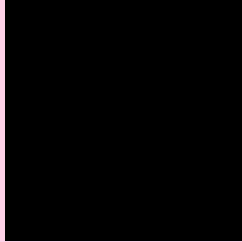
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 224.9630, 19.7580, 16.3820

Background



This preview shows how black text looks on a background with the YIQ color 224.9630, 19.7580, 16.3820.



This preview shows how white text looks on a background with the YIQ color 224.9630, 19.7580,

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

224.9630, 19.7580, 16.3820

Protanopia

222.3510, -5.1820, 5.8100

Deuteranopia

223.8860, 9.4890, 9.7530



Tritanopia

224.6810, 20.4920, 14.0920

Trichromacy



Original Color

224.9630, 19.7580, 16.3820

Protanomaly

223.2490, 4.0330, 9.5130

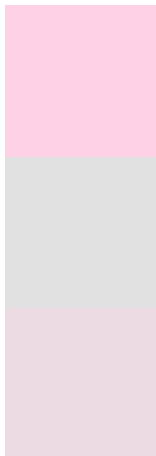
Deuteranomaly

224.2070, 13.0190, 11.8590

Tritanomaly

224.9090, 19.8500, 14.7140

Monochromacy



Original Color

224.9630, 19.7580, 16.3820

Achromatopsia

225.0000, -0.0000, -0.0000

Achromatomaly

224.9950, 7.5640, 6.0920

CSS Examples

Text

The CSS property to change the color of the text to YIQ 224.9630, 19.7580, 16.3820 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, 209, 231)` looks like.

```
.text, #text, p{  
    color:rgb(254, 209, 231)  
}
```

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, 209, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 209, 231) }
```

Border

The CSS property to change the border of an element to YIQ 224.9630, 19.7580, 16.3820 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, 209, 231) }
```


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

```
.border{ border-color:rgb(254, 209, 231) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 209, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 209, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 209, 231);  
box-shadow:4px 4px 4px 4px rgb(254, 209,  
231) }
```

Background

The CSS property to change the background color of an element to YIQ 224.9630, 19.7580, 16.3820 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 209, 231) }
```

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

```
.background{ background-color: rgb(254,  
209, 231) }
```

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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