

Converting Colors

YIQ(231.2170, 7.0590, 9.7390)

Have a look what the booklet for
YIQ(231.2170, 7.0590, 9.7390)
contains.

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Color

**YIQ(231.2170, 7.0590,
9.7390)**

Conversions

Conversions Part 1

Format	Color
Hex	F4DFF0
RGB	244, 223, 240
RGB Percent	96%, 87%, 94%
CMY	0.0431, 0.1255, 0.0588
CMYK	0.00, 0.09, 0.02, 0.04
HSL	311°, 49%, 92%
HSV	311°, 9%, 96%
XYZ	79.4277, 78.2980, 93.3678
YIQ	231.2170, 7.0590, 9.7390

Conversions

Conversions Part 2

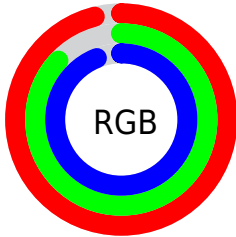
Format	Color
R_{YB}	244, 223, 240
Decimal	16048112
CIE _{Lab}	90.92, 10.11, -5.67
CIE _{LCh}	91, 11.595, 330.713
Yxy	78.2980, 0.3163, 0.3118
Android (android.graphics.Color)	4294238192 (0xFFFF4DFF0)
YUV	231.2170, 4.3300, 11.2107
Hunter-Lab	88.4862, 5.3758, -0.6206

Details

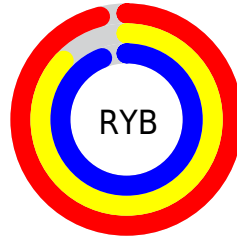
The YIQ color $231.2170, 7.0590, 9.7390$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $235.7830, -7.0590, -9.7390$, and the grayscale version is $231.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $175.8040, 6.7840, 9.2160$ is the 20% darker color. If you saturate the color by 10%, you get $216.5590, 15.2640, 20.7360$, and if you desaturate by 10%, it is $245.8750, -1.1460, -1.2580$.

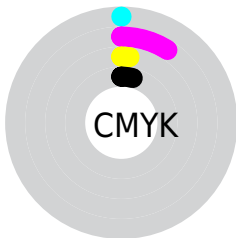
Distribution



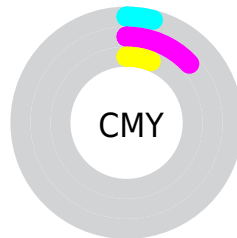
- Red (96%)
- Green (87%)
- Blue (94%)



- Red (96%)
- Yellow (87%)
- Blue (94%)



- Cyan (0%)
- Magenta (9%)
- Yellow (2%)
- Black (4%)



- Cyan (4%)
- Magenta (13%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 231.2170, 7.0590, 9.7390 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 231.2170, 7.0590, 9.7390 by changing the saturation by 10% instead.

231.2170, 7.0590,
9.7390

231.2170, 7.0590,
9.7390

255.0000, -0.0000,
-0.0000

203.2170, 7.0590,
9.7390

175.8040, 6.7840,
9.2160

148.8040, 6.7840,
9.2160

123.0920, 5.9130,
8.4810

98.0920, 5.9130,
8.4810

74.6790, 5.6380,
7.9580

51.3800, 5.0420,

7.7460

■ 30.5540, 4.4920,
6.7000

■ 7.8040, 6.7840,
9.2160

■ 231.2170, 7.0590,
9.7390

■ 231.2170, 7.0590,
9.7390

■ 216.5590, 15.2640,
20.7360

■ 245.8750, -1.1460,
-1.2580

■ 201.4280, 23.4230,
32.5670

■ 251.0270, -4.6300,
-4.1980

■ 186.7700, 31.6280,
43.5640

■ 251.5970, -6.2350,
-2.6430

■ 171.5250, 40.1080,
55.0840

■ 251.7110, -6.5560,
-2.3320

■ 156.9810, 47.9920,
66.3920

■ 142.3230, 56.1970,
77.3890

■ 127.0780, 64.6770,
88.9090

■ 112.5340, 72.5610,
100.2170

■ 97.2890, 81.0410,
111.7370

Harmonies

Analogous

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



230.3020, -3.4860, 8.1140



231.2170, 7.0590, 9.7390



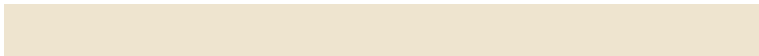
231.7680, 15.6330, 8.5370

Triad

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



231.2170, 7.0590, 9.7390



228.5960, 12.7010, -4.4110



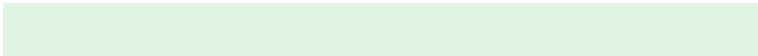
225.7030, -21.2730, -5.4410

Complementary

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



231.2170, 7.0590, 9.7390



235.7830, -7.0590, -9.7390

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.



225.6340, -16.8250, -8.9610



231.2170, 7.0590, 9.7390



227.3990, 2.8900, -8.3260

Square

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



231.2170, 7.0590, 9.7390



230.1670, 18.5230, 0.2110



225.8970, -7.3800, -9.4280



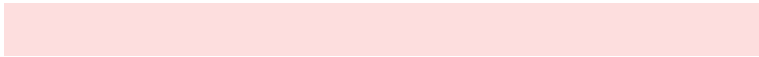
226.9360, -20.3110, -0.8470

Rectangle

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



231.2170, 7.0590, 9.7390



231.2690, 18.4760, 6.5720



225.8970, -7.3800, -9.4280



225.8340, -20.2640, -7.2080

Sweetspot

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



231.2170, 7.0590, 9.7390



250.1900, 2.5210, 3.8730



226.5900, -4.3570, 7.3790



124.3640, 1.9710, 2.8270



0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000

Same Dimension

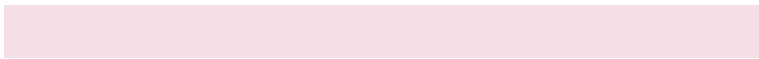
The Same Dimension uses a secret algorithm to generate beautiful new colors.



231.2170, 7.0590, 9.7390



239.7550, 8.4800, 11.5200



230.0770, 10.2690, 6.6290



114.7280, 3.9420, 5.6540



72.8280, 62.3850, 86.3930



22.9990, 20.0770, 27.1250

Inverse Universe

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



231.2170, 7.0590, 9.7390



239.7550, 8.4800, 11.5200



236.9230, -10.2690, -6.6290



114.7280, 3.9420, 5.6540



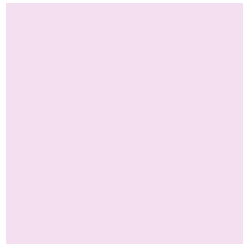
72.8280, 62.3850, 86.3930



22.9990, 20.0770, 27.1250

Previews

White Background



This preview shows how the YIQ color 231.2170, 7.0590, 9.7390 looks on a white background.

Color Contrast Check

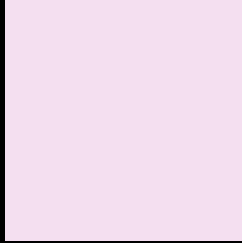
Large Text (above 18pt) WCAG AA × Fail

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 231.2170, 7.0590, 9.7390 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

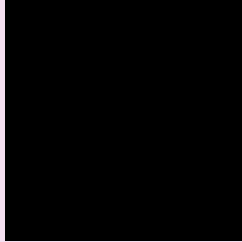
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 231.2170, 7.0590, 9.7390

Background



This preview shows how black text looks on a background with the YIQ color 231.2170, 7.0590, 9.7390.



This preview shows how white text looks on a background with the YIQ color 231.2170, 7.0590,

9.7390.

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

231.2170, 7.0590, 9.7390

Protanopia

230.0090, -4.2190, 4.8770

Deuteranopia

231.2280, 8.5260, 10.6860



Tritanopia

231.2170, 7.0590, 9.7390

Trichromacy



Original Color

231.2170, 7.0590, 9.7390

Protanomaly

230.2160, -0.3680, 6.6720

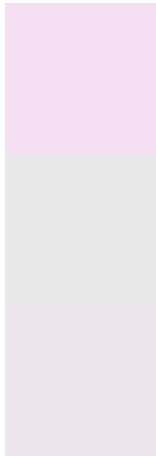
Deuteranomaly

230.9290, 7.9300, 10.4740

Tritanomaly

231.2170, 7.0590, 9.7390

Monochromacy



Original Color

231.2170, 7.0590, 9.7390

Achromatopsia

231.0000, -0.0000, -0.0000

Achromatomaly

231.0760, 2.8420, 3.5620

CSS Examples

Text

The CSS property to change the color of the text to YIQ 231.2170, 7.0590, 9.7390 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(244, 223, 240)` looks like.

```
.text, #text, p{  
    color:rgb(244, 223, 240)  
}
```

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(244, 223, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 223, 240) }
```

Border

The CSS property to change the border of an element to YIQ 231.2170, 7.0590, 9.7390 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(244, 223, 240) }
```


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

```
.border{ border-color:rgb(244, 223, 240) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 223, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 223, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 223, 240);  
box-shadow:4px 4px 4px 4px rgb(244, 223,  
240) }
```

Background

The CSS property to change the background color of an element to YIQ 231.2170, 7.0590, 9.7390 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 223, 240) }
```

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

```
.background{ background-color: rgb(244,  
223, 240) }
```

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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