

Converting Colors

YIQ(239.1310, 10.1770, 8.2970)

Have a look what the booklet for
YIQ(239.1310, 10.1770, 8.2970)
contains.

YIQ(239.1310, 10.1770, 8.2970)	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(239.1310, 10.1770,
8.2970)**

Conversions

Conversions Part 1

Format	Color
Hex	FEE7F2
RGB	254, 231, 242
RGB Percent	100%, 91%, 95%
CMY	0.0039, 0.0941, 0.0509
CMYK	0.00, 0.09, 0.05, 0.00
HSL	331°, 92%, 95%
HSV	331°, 9%, 100%
XYZ	85.4802, 84.6315, 95.8410
YIQ	239.1310, 10.1770, 8.2970

Conversions

Conversions Part 2

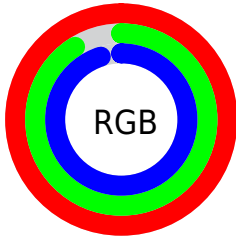
Format	Color
RYB	254, 231, 242
Decimal	16705522
CIELab	93.72, 9.68, -2.49
CIELCh	94, 9.995, 345.555
Yxy	84.6315, 0.3214, 0.3182
Android (android.graphics.Color)	4294895602 (0xFFFE7F2)
YUV	239.1310, 1.4144, 13.0401
Hunter-Lab	91.9954, 4.8666, 2.6283

Details

The YIQ color $239.1310, 10.1770, 8.2970$ is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be $245.8690, -10.1770, -8.2970$, and the grayscale version is $239.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $182.8320, 9.5810, 8.0850$ is the 20% darker color. If you saturate the color by 10%, you get $222.9740, 21.2250, 17.3290$, and if you desaturate by 10%, it is $254.7010, -0.5960, -0.2120$.

Distribution



Red (100%)

Green (91%)

Blue (95%)



Red (100%)

Yellow (91%)

Blue (95%)

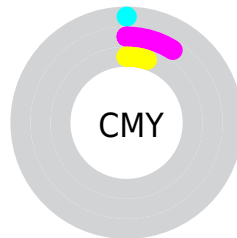


Cyan (0%)

Magenta (9%)

Yellow (5%)

Black (0%)



Cyan (0%)


Magenta (9%)


Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 239.1310, 10.1770, 8.2970 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 239.1310, 10.1770, 8.2970 by changing the saturation by 10% instead.


 239.1310, 10.1770,
8.2970


 239.1310, 10.1770,
8.2970


255.0000, -0.0000,
-0.0000


 210.8320, 9.5810,
8.0850

 182.8320, 9.5810,
8.0850

 156.4190, 9.3060,
7.5620

 130.1200, 8.7100,
7.3500

 105.1200, 8.7100,
7.3500

 80.7070, 8.4350,
6.8270

 57.9950, 7.5640,

6.0920

■ 36.1090, 7.2430,
6.4030

■ 13.6470, 8.6640,
8.1840

■ 239.1310, 10.1770,
8.2970

■ 239.1310, 10.1770,
8.2970

■ 222.9740, 21.2250,
17.3290

254.7010, -0.5960,
-0.2120

■ 206.2300, 32.5480,
26.8840

■ 189.9590, 43.9170,
35.6050

■ 173.2150, 55.2400,
45.1600

■ 157.0580, 66.2880,
54.1920

■ 140.9010, 77.3360,
63.2240

■ 124.0430, 88.9800,
72.4680

■ 107.8860,
100.0280, 81.5000

■ 91.1420, 111.3510,
91.0550

Harmonies

Analogous

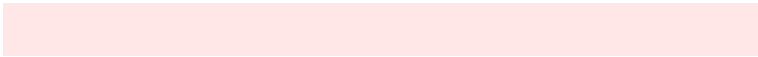
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



238.6400, 1.3740, 8.1420



239.1310, 10.1770, 8.2970



238.2900, 13.9830, 5.3990

Triad

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



239.1310, 10.1770, 8.2970



236.3180, 7.6120, -5.7960



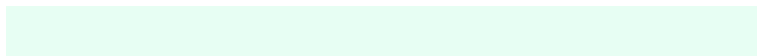
234.8390, -18.6600, -3.2360

Complementary

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



239.1310, 10.1770, 8.2970



245.8690, -10.1770, -8.2970

Split Complementary

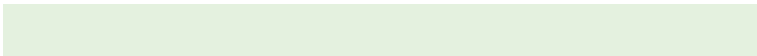
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



234.2150, -16.9630, -6.4590



239.1310, 10.1770, 8.2970



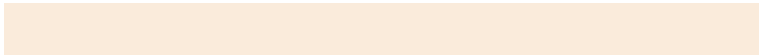
235.0610, -1.9700, -8.3540

Square

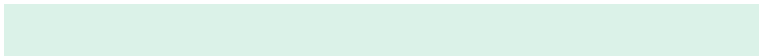
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



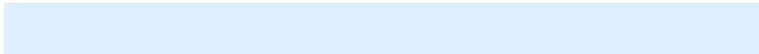
239.1310, 10.1770, 8.2970



237.6610, 14.0760, -1.7960



233.9830, -10.4980, -7.9860



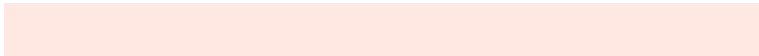
235.7410, -15.2680, 1.3720

Rectangle

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



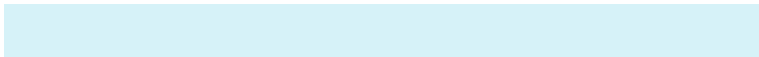
239.1310, 10.1770, 8.2970



237.6060, 15.9090, 3.5330



233.9830, -10.4980, -7.9860



234.3120, -18.6140, -4.0700

Sweetspot

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



239.1310, 10.1770, 8.2970



249.8480, 3.4840, 2.9400



237.2100, -0.2310, 9.6970



124.1360, 2.6130, 2.2050



0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000

Same Dimension

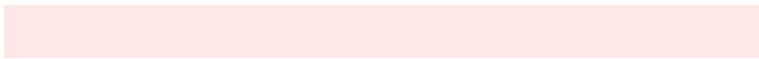
The Same Dimension uses a secret algorithm to generate beautiful new colors.



239.1310, 10.1770, 8.2970



236.8540, 12.5150, 9.9790



237.8770, 13.7080, 4.8760



119.5710, 5.8220, 4.6220



67.4830, 84.6250, 68.7930



22.5560, 28.5140, 22.8980

Inverse Universe

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



239.1310, 10.1770, 8.2970



236.8540, 12.5150, 9.9790



247.1230, -13.7080, -4.8760



119.5710, 5.8220, 4.6220



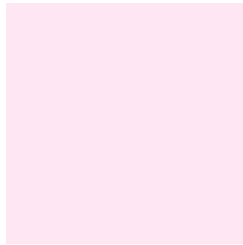
67.4830, 84.6250, 68.7930



22.5560, 28.5140, 22.8980

Previews

White Background



This preview shows how the YIQ color 239.1310, 10.1770, 8.2970 looks on a white background.

Color Contrast Check

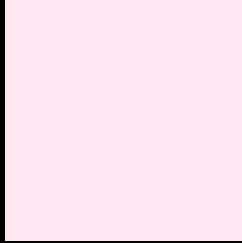
Large Text (above 18pt) WCAG AA × Fail

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 239.1310, 10.1770, 8.2970 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

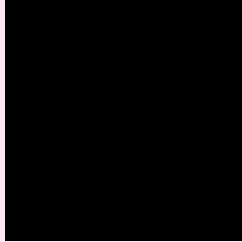
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 239.1310, 10.1770, 8.2970

Background



This preview shows how black text looks on a background with the YIQ color 239.1310, 10.1770, 8.2970.



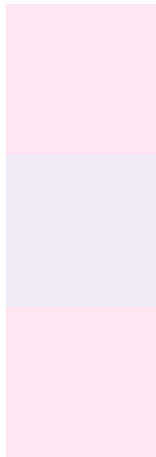
This preview shows how white text looks on a background with the YIQ color 239.1310, 10.1770,

8.2970.

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

239.1310, 10.1770, 8.2970

Protanopia

237.9230, -1.1010, 3.4350

Deuteranopia

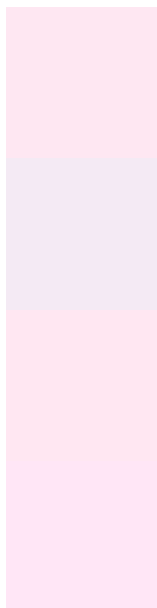
239.4300, 10.7730, 8.5090



Tritanopia

239.5270, 9.1220, 10.8980

Trichromacy



Original Color

239.1310, 10.1770, 8.2970

Protanomaly

238.1300, 2.7500, 5.2300

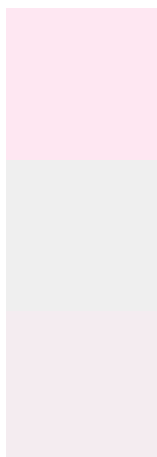
Deuteranomaly

239.4300, 10.7730, 8.5090

Tritanomaly

239.2990, 9.7640, 10.2760

Monochromacy



Original Color

239.1310, 10.1770, 8.2970

Achromatopsia

239.0000, -0.0000, -0.0000

Achromatomaly

238.8480, 3.4840, 2.9400

CSS Examples

Text

The CSS property to change the color of the text to YIQ 239.1310, 10.1770, 8.2970 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, 231, 242)` looks like.

```
.text, #text, p{  
    color:rgb(254, 231, 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(254, 231, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 231, 242) }
```

Border

The CSS property to change the border of an element to YIQ 239.1310, 10.1770, 8.2970 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, 231, 242) }
```


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

```
.border{ border-color:rgb(254, 231, 242) }
```

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

Here you see how a box with a 4 pixel rgb(254, 231, 242) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 231, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 231, 242);  
box-shadow:4px 4px 4px 4px rgb(254, 231,  
242) }
```

Background

The CSS property to change the background color of an element to YIQ 239.1310, 10.1770, 8.2970 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 231, 242) }
```

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

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