

Converting Colors

YIQ(238.8080, 0.9610, 10.1210)

Have a look what the booklet for
YIQ(238.8080, 0.9610, 10.1210)
contains.

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Color

**YIQ(238.8080, 0.9610,
10.1210)**

Conversions

Conversions Part 1

Format	Color
Hex	F6E8FF
RGB	246, 232, 255
RGB Percent	96%, 91%, 100%
CMY	0.0352, 0.0902, 0.0000
CMYK	0.04, 0.09, 0.00, 0.00
HSL	277°, 100%, 95%
HSV	277°, 9%, 100%
XYZ	84.9147, 84.5247, 106.4441
YIQ	238.8080, 0.9610, 10.1210

Conversions

Conversions Part 2

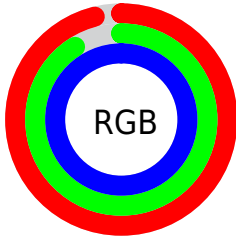
Format	Color
R_{YB}	246, 232, 255
Decimal	16181503
CIE _{Lab}	93.68, 8.81, -9.40
CIE _{LCh}	94, 12.881, 313.163
Yxy	84.5247, 0.3078, 0.3064
Android (android.graphics.Color)	4294371583 (0xFF6E8FF)
YUV	238.8080, 7.9827, 6.3074
Hunter-Lab	91.9373, 3.9749, -4.2892

Details

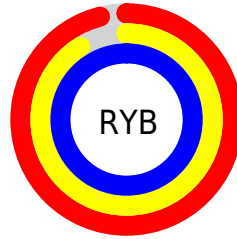
The YIQ color $238.8080, 0.9610, 10.1210$ is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be $248.1920, -0.9610, -10.1210$, and the grayscale version is $239.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $182.6940, 1.2820, 9.8100$ is the 20% darker color. If you saturate the color by 10%, you get $221.1430, 1.8760, 21.0760$, and if you desaturate by 10%, it is $255.0000, -0.0000, -0.0000$.

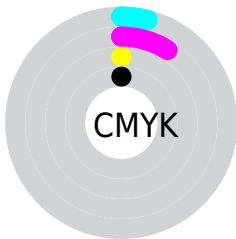
Distribution



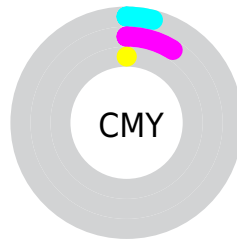
- Red (96%)
- Green (91%)
- Blue (100%)



- Red (96%)
- Yellow (91%)
- Blue (100%)



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



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

Brightness & Saturation Gradients

These gradients show how the YIQ color 238.8080, 0.9610, 10.1210 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 238.8080, 0.9610, 10.1210 by changing the saturation by 10% instead.

238.8080, 0.9610,
10.1210

238.8080, 0.9610,
10.1210

255.0000, -0.0000,
-0.0000

210.6940, 1.2820,
9.8100

182.6940, 1.2820,
9.8100

156.2810, 1.0070,
9.2870

129.8680, 0.7320,
8.7640

104.8680, 0.7320,
8.7640

80.4550, 0.4570,
8.2410

57.3410, 0.7780,

7.9300

■ 35.9280, 0.5030,
7.4070

■ 13.4660, 1.9240,
9.1880

■ 238.8080, 0.9610,
10.1210

■ 238.8080, 0.9610,
10.1210

■ 221.1430, 1.8760,
21.0760

255.0000, -0.0000,
-0.0000

■ 202.8910, 3.0660,
32.5540

■ 185.2260, 3.9810,
43.5090

■ 166.9740, 5.1710,
54.9870

■ 149.3090, 6.0860,
65.9420

■ 131.0570, 7.2760,
77.4200

■ 113.3920, 8.1910,
88.3750

■ 95.1400, 9.3810,
99.8530

■ 77.4750, 10.2960,
110.8080

Harmonies

Analogous

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



236.6710, -9.0790, 4.8490



238.8080, 0.9610, 10.1210



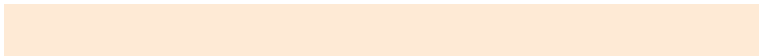
238.4840, 10.6810, 10.1770

Triad

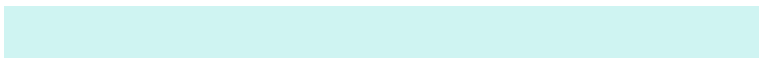
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



238.8080, 0.9610, 10.1210



237.5860, 18.6610, -2.2910



232.7090, -21.4100, -8.4660

Complementary

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



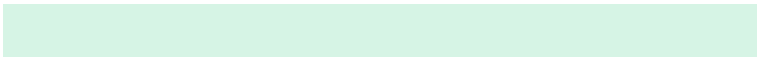
238.8080, 0.9610, 10.1210



248.1920, -0.9610, -10.1210

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.



233.3200, -13.0650, -11.0250



238.8080, 0.9610, 10.1210



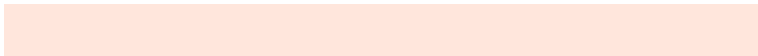
236.0470, 9.8130, -7.1390

Square

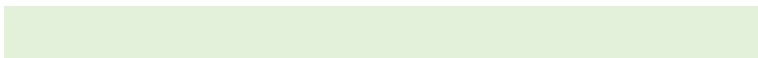
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



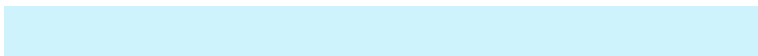
238.8080, 0.9610, 10.1210



236.3350, 18.1100, 2.1900



234.3060, -1.2820, -9.8100



233.3760, -24.6660, -4.5220

Rectangle

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



238.8080, 0.9610, 10.1210



236.9850, 13.5240, 8.2120



234.3060, -1.2820, -9.8100



232.5520, -19.5300, -9.4980

Sweetspot

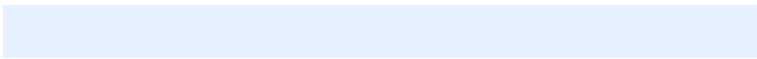
The Sweet Spot groups the original color and five complimentary colors.



238.8080, 0.9610, 10.1210



249.4070, 0.4120, 3.5480



239.9050, -9.8580, 2.4460



123.8800, 0.4580, 2.7140



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.



238.8080, 0.9610, 10.1210



235.2750, 1.1440, 12.3120



241.2710, 6.9670, 11.4070



118.8740, 0.5950, 5.7390



56.7570, 8.4210, 84.2050



18.9570, 2.7000, 28.1720

Inverse Universe

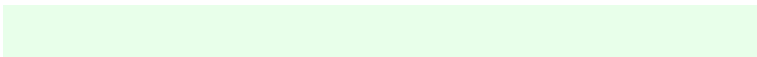
The Inverse Universe completely reimagines the original color for something new.



239.9030, 10.8190, 7.6750



236.6260, 13.1570, 9.3570



245.7290, -6.9670, -11.4070



119.4570, 6.1430, 4.3110



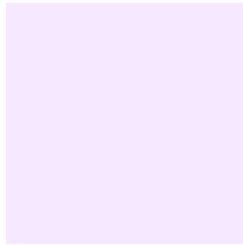
65.6590, 89.7610, 63.8170



21.9860, 30.1190, 21.3430

Previews

White Background



This preview shows how the YIQ color 238.8080, 0.9610, 10.1210 looks on a white background.

Color Contrast Check

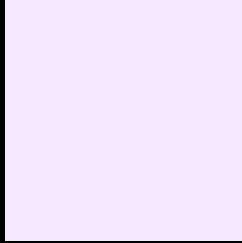
Large Text (above 18pt) WCAG AA × Fail

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 238.8080, 0.9610, 10.1210 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

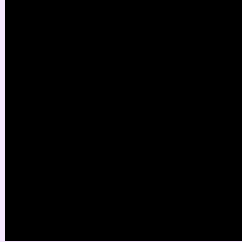
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

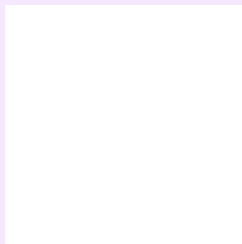
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 238.8080, 0.9610, 10.1210

Background



This preview shows how black text looks on a background with the YIQ color 238.8080, 0.9610, 10.1210.

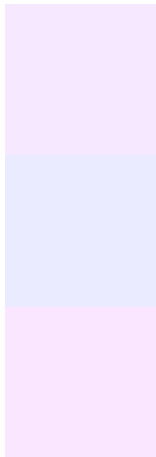


This preview shows how white text looks on a background with the YIQ color 238.8080, 0.9610,

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

238.8080, 0.9610, 10.1210

Protanopia

237.2800, -6.4200, 6.2200

Deuteranopia

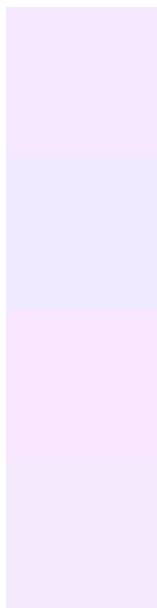
239.1290, 4.4910, 12.2270



Tritanopia

238.6400, 1.3740, 8.1420

Trichromacy



Original Color

238.8080, 0.9610, 10.1210

Protanomaly

237.8890, -3.7610, 7.5910

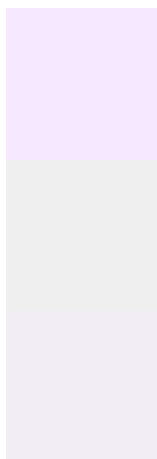
Deuteranomaly

239.1180, 3.0240, 11.2800

Tritanomaly

238.7540, 1.0530, 8.4530

Monochromacy



Original Color

238.8080, 0.9610, 10.1210

Achromatopsia

239.0000, -0.0000, -0.0000

Achromatomaly

238.8200, 0.6870, 4.0710

CSS Examples

Text

The CSS property to change the color of the text to YIQ 238.8080, 0.9610, 10.1210 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(246, 232, 255)` looks like.

```
.text, #text, p{  
    color:rgb(246, 232, 255)  
}
```

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(246, 232, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 232, 255) }
```

Border

The CSS property to change the border of an element to YIQ 238.8080, 0.9610, 10.1210 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(246, 232, 255) }
```


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

```
.border{ border-color:rgb(246, 232, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 232, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 232, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 232, 255);  
box-shadow:4px 4px 4px 4px rgb(246, 232,  
255) }
```

Background

The CSS property to change the background color of an element to YIQ 238.8080, 0.9610, 10.1210 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 232, 255) }
```

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

```
.background{ background-color: rgb(246,  
232, 255) }
```

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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