

Converting Colors

YIQ(238.2320, 2.7030, 11.5910)

Have a look what the booklet for
YIQ(238.2320, 2.7030, 11.5910)
contains.

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Color

**YIQ(238.2320, 2.7030,
11.5910)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | F8E6FF |
| RGB | 248, 230, 255 |
| RGB Percent | 97%, 90%, 100% |
| CMY | 0.0274, 0.0980, 0.0000 |
| CMYK | 0.03, 0.10, 0.00, 0.00 |
| HSL | 283°, 100%, 95% |
| HSV | 283°, 10%, 100% |
| XYZ | 85.0611, 83.7685, 106.2916 |
| YIQ | 238.2320, 2.7030, 11.5910 |

Conversions

Conversions Part 2

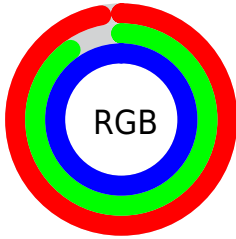
| Format | Color |
|-------------------------------------|-----------------------------|
| R_{YB} | 248, 230, 255 |
| Decimal | 16312063 |
| CIE _{Lab} | 93.35, 10.50, -9.87 |
| CIE _{LCh} | 93, 14.410, 316.788 |
| Yxy | 83.7685, 0.3092, 0.3045 |
| Android (android.graphics.Color) | 4294502143 (0xFFFF8E6FF) |
| YUV | 238.2320, 8.2666, 8.5665 |
| Hunter-Lab | 91.5251, 5.7242, -4.7881 |

Details

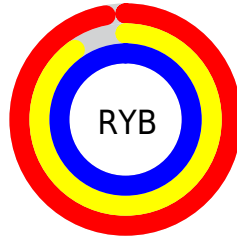
The YIQ color $238.2320, 2.7030, 11.5910$ is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be $246.7680, -2.7030, -11.5910$, and the grayscale version is $238.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $182.1180, 3.0240, 11.2800$ is the 20% darker color. If you saturate the color by 10%, you get $220.8770, 5.6810, 23.7050$, and if you desaturate by 10%, it is $255.0000, -0.0000, -0.0000$.

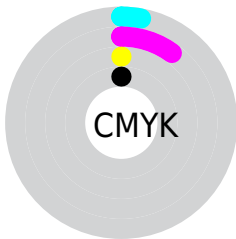
Distribution



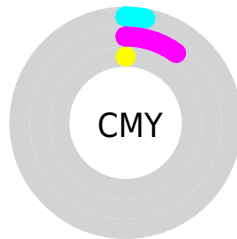
- Red (97%)
- Green (90%)
- Blue (100%)



- Red (97%)
- Yellow (90%)
- Blue (100%)



- Cyan (3%)
- Magenta (10%)
- Yellow (0%)
- Black (0%)



- Cyan (3%)
- Magenta (10%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 238.2320, 2.7030, 11.5910 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 238.2320, 2.7030, 11.5910 by changing the saturation by 10% instead.

238.2320, 2.7030,
11.5910

238.2320, 2.7030,
11.5910

255.0000, -0.0000,
-0.0000

209.8190, 2.4280,
11.0680

182.1180, 3.0240,
11.2800

155.4060, 2.1530,
10.5450

129.2920, 2.4740,
10.2340

104.2920, 2.4740,
10.2340

79.8790, 2.1990,
9.7110

57.3520, 2.2450,

8.8770

■ 35.6400, 1.3740,
8.1420

■ 12.8900, 3.6660,
10.6580

■ 238.2320, 2.7030,
11.5910

■ 238.2320, 2.7030,
11.5910

■ 220.8770, 5.6810,
23.7050

255.0000, -0.0000,
-0.0000

■ 204.1090, 8.3840,
35.2960

■ 186.7540, 11.3620,
47.4100

■ 169.9860, 14.0650,
59.0010

■ 152.3320, 16.4470,
70.9030

■ 135.5640, 19.1500,
82.4940

■ 118.2090, 22.1280,
94.6080

■ 101.4410, 24.8310,
106.1990

■ 84.0860, 27.8090,
118.3130

Harmonies

Analogous

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



235.4970, -8.5290, 5.8950



238.2320, 2.7030, 11.5910



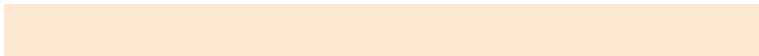
237.1960, 11.5520, 10.9120

Triad

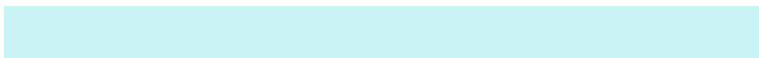
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



238.2320, 2.7030, 11.5910



236.2440, 19.6240, -3.2240



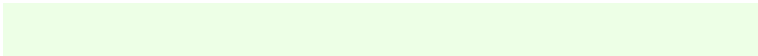
231.0290, -25.3070, -9.4270

Complementary

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



238.2320, 2.7030, 11.5910



246.7680, -2.7030, -11.5910

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.



231.8250, -16.0450, -12.0850



238.2320, 2.7030, 11.5910



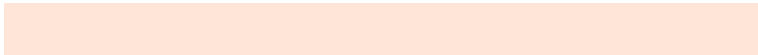
234.4060, 10.1800, -8.2840

Square

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



238.2320, 2.7030, 11.5910



235.2920, 19.6690, 1.4690



232.8820, -3.0240, -11.2800



231.8210, -27.4170, -4.2250

Rectangle

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



238.2320, 2.7030, 11.5910



235.4690, 15.0370, 8.3250



232.8820, -3.0240, -11.2800



231.1710, -22.8310, -10.2470

Sweetspot

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



238.2320, 2.7030, 11.5910



249.7060, 1.0080, 3.7600



236.9590, -9.9500, 4.1140



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.



238.2320, 2.7030, 11.5910



234.1120, 3.1610, 14.3050



239.7550, 8.4800, 11.5200



119.1730, 1.1910, 5.9510



63.0360, 20.9370, 88.6570



21.0500, 6.8720, 29.6560

Inverse Universe

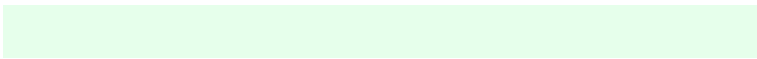
The Inverse Universe completely reimagines the original color for something new.



238.2730, 12.6530, 7.4770



234.2950, 15.5870, 9.3710



245.2450, -8.4800, -11.5200



119.2290, 6.7850, 3.6890



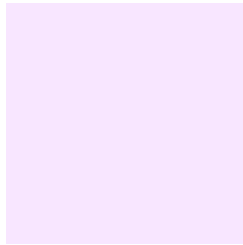
63.1510, 96.8230, 56.9750



21.1880, 32.3660, 19.1660

Previews

White Background



This preview shows how the YIQ color 238.2320, 2.7030, 11.5910 looks on a white background.

Color Contrast Check

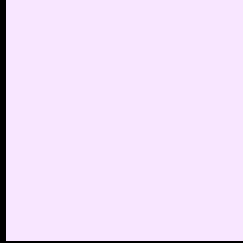
Large Text (above 18pt) WCAG AA × Fail

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 238.2320, 2.7030, 11.5910 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

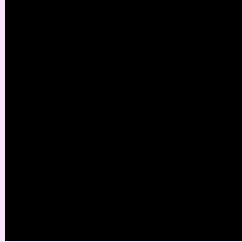
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 238.2320, 2.7030, 11.5910

Background



This preview shows how black text looks on a background with the YIQ color 238.2320, 2.7030, 11.5910.



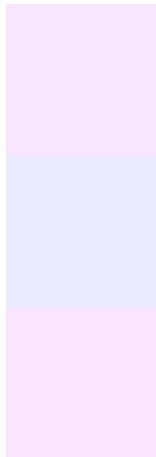
This preview shows how white text looks on a background with the YIQ color 238.2320, 2.7030,

11.5910.

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

238.2320, 2.7030, 11.5910

Protanopia

236.9810, -7.0160, 6.0080

Deuteranopia

238.2430, 4.1700, 12.5380



Tritanopia

237.8360, 3.7580, 8.9900

Trichromacy



Original Color

238.2320, 2.7030, 11.5910

Protanomaly

237.3020, -3.4860, 8.1140

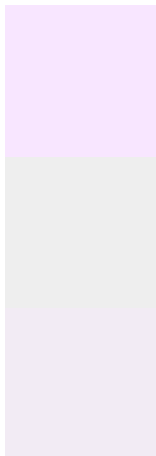
Deuteranomaly

237.9440, 3.5740, 12.3260

Tritanomaly

238.0640, 3.1160, 9.6120

Monochromacy



Original Color

238.2320, 2.7030, 11.5910

Achromatopsia

238.0000, -0.0000, 0.0000

Achromatomaly

238.1190, 1.2830, 4.2830

CSS Examples

Text

The CSS property to change the color of the text to YIQ 238.2320, 2.7030, 11.5910 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(248, 230, 255)` looks like.

```
.text, #text, p{  
    color:rgb(248, 230, 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(248, 230, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 230, 255) }
```

Border

The CSS property to change the border of an element to YIQ 238.2320, 2.7030, 11.5910 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(248, 230, 255) }
```


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

```
.border{ border-color:rgb(248, 230, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(248, 230, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 230, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 230, 255);  
box-shadow:4px 4px 4px 4px rgb(248, 230,  
255) }
```

Background

The CSS property to change the background color of an element to YIQ 238.2320, 2.7030, 11.5910 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 230, 255) }
```

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

```
.background{ background-color: rgb(248,  
230, 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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