

Converting Colors

YIQ(238.8300, 3.8950, 12.0150)

Have a look what the booklet for
YIQ(238.8300, 3.8950, 12.0150)
contains.

YIQ(238.8300, 3.8950, 12.0150)	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(238.8300, 3.8950,
12.0150)**

Conversions

Conversions Part 1

Format	Color
Hex	FAE6FF
RGB	250, 230, 255
RGB Percent	98%, 90%, 100%
CMY	0.0195, 0.0980, 0.0000
CMYK	0.02, 0.10, 0.00, 0.00
HSL	288°, 100%, 95%
HSV	288°, 10%, 100%
XYZ	85.7744, 84.1359, 106.3260
YIQ	238.8300, 3.8950, 12.0150

Conversions

Conversions Part 2

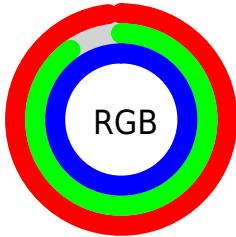
Format	Color
R_{YB}	250, 230, 255
Decimal	16443135
CIE _{Lab}	93.51, 11.16, -9.61
CIE _{LCh}	94, 14.727, 319.254
Yxy	84.1359, 0.3105, 0.3046
Android (android.graphics.Color)	4294633215 (0xFFFAE6FF)
YUV	238.8300, 7.9718, 9.7961
Hunter-Lab	91.7256, 6.3991, -4.5195

Details

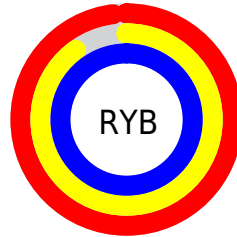
The YIQ color $238.8300, 3.8950, 12.0150$ is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be $246.1700, -3.8950, -12.0150$, and the grayscale version is $239.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $182.4170, 3.6200, 11.4920$ is the 20% darker color. If you saturate the color by 10%, you get $222.0730, 8.0650, 24.5530$, and if you desaturate by 10%, it is $255.0000, -0.0000, -0.0000$.

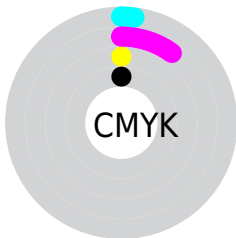
Distribution



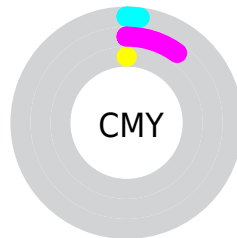
- Red (98%)
- Green (90%)
- Blue (100%)



- Red (98%)
- Yellow (90%)
- Blue (100%)



- Cyan (2%)
- Magenta (10%)
- Yellow (0%)
- Black (0%)



- Cyan (2%)
- Magenta (10%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 238.8300, 3.8950, 12.0150 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 238.8300, 3.8950, 12.0150 by changing the saturation by 10% instead.

238.8300, 3.8950,
12.0150

238.8300, 3.8950,
12.0150

255.0000, -0.0000,
-0.0000

210.4170, 3.6200,
11.4920

182.4170, 3.6200,
11.4920

156.0040, 3.3450,
10.9690

129.8900, 3.6660,
10.6580

104.5910, 3.0700,
10.4460

80.4770, 3.3910,
10.1350

57.6510, 2.8410,

9.0890

■ 35.6510, 2.8410,
9.0890

■ 13.1890, 4.2620,
10.8700

■ 238.8300, 3.8950,
12.0150

■ 238.8300, 3.8950,
12.0150

■ 222.0730, 8.0650,
24.5530

255.0000, -0.0000,
-0.0000

■ 205.9030, 11.9600,
36.5680

■ 189.1460, 16.1300,
49.1060

■ 172.9760, 20.0250,
61.1210

■ 156.2190, 24.1950,
73.6590

■ 140.0490, 28.0900,
85.6740

■ 122.9930, 31.6640,
98.0000

■ 106.8230, 35.5590,
110.0150

■ 90.0660, 39.7290,
122.5530

Harmonies

Analogous

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



236.0950, -7.3370, 6.3190



238.8300, 3.8950, 12.0150



237.0820, 11.8730, 10.6010

Triad

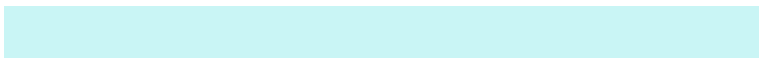
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



238.8300, 3.8950, 12.0150



236.8310, 19.3490, -3.7470



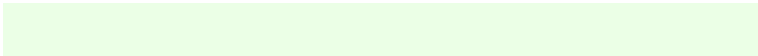
231.8440, -26.2240, -9.3280

Complementary

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



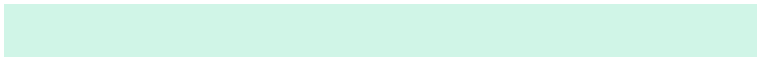
238.8300, 3.8950, 12.0150



246.1700, -3.8950, -12.0150

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.



232.3410, -17.5580, -12.1980



238.8300, 3.8950, 12.0150



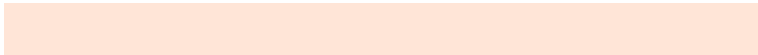
234.8080, 8.9880, -8.7080

Square

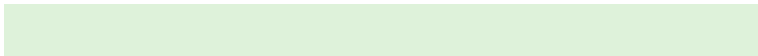
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



238.8300, 3.8950, 12.0150



235.1780, 19.9900, 1.1580



233.2840, -4.2160, -11.7040



232.4080, -27.6920, -4.7480

Rectangle

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



238.8300, 3.8950, 12.0150



235.9420, 15.0830, 7.4910



233.2840, -4.2160, -11.7040



231.5730, -24.0230, -10.6710

Sweetspot

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



238.8300, 3.8950, 12.0150



249.7060, 1.0080, 3.7600



235.7850, -9.4000, 5.1600



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.



238.8300, 3.8950, 12.0150



235.0090, 4.9490, 14.9410



239.4130, 9.4430, 10.5870



119.4720, 1.7870, 6.1630



67.5210, 29.8770, 91.8370



22.5450, 9.8520, 30.7160

Inverse Universe

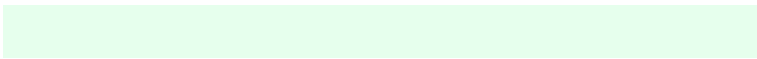
The Inverse Universe completely reimagines the original color for something new.



238.0450, 13.2950, 6.8550



233.9530, 16.5500, 8.4380



245.4730, -9.1220, -10.8980



119.1150, 7.1060, 3.3780



61.4410, 101.6380, 52.3100



20.6180, 33.9710, 17.6110

Previews

White Background



This preview shows how the YIQ color 238.8300, 3.8950, 12.0150 looks on a white background.

Color Contrast Check

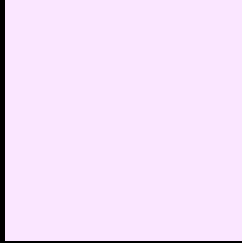
Large Text (above 18pt) WCAG AA × Fail

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 238.8300, 3.8950, 12.0150 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

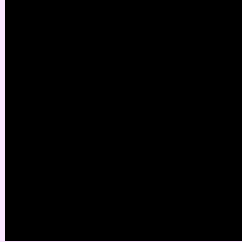
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

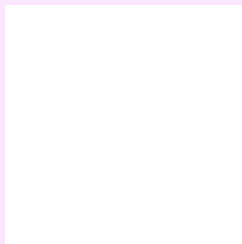
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 238.8300, 3.8950, 12.0150

Background



This preview shows how black text looks on a background with the YIQ color 238.8300, 3.8950, 12.0150.

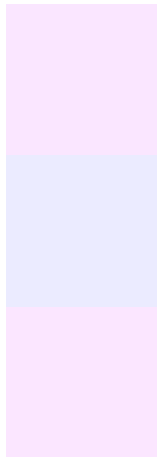


This preview shows how white text looks on a background with the YIQ color 238.8300, 3.8950,

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

238.8300, 3.8950, 12.0150

Protanopia

237.2800, -6.4200, 6.2200

Deuteranopia

239.1290, 4.4910, 12.2270



Tritanopia

238.4340, 4.9500, 9.4140

Trichromacy



Original Color

238.8300, 3.8950, 12.0150

Protanomaly

237.6010, -2.8900, 8.3260

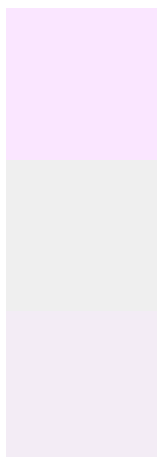
Deuteranomaly

239.1290, 4.4910, 12.2270

Tritanomaly

238.6620, 4.3080, 10.0360

Monochromacy



Original Color

238.8300, 3.8950, 12.0150

Achromatopsia

239.0000, -0.0000, -0.0000

Achromatomaly

239.1190, 1.2830, 4.2830

CSS Examples

Text

The CSS property to change the color of the text to YIQ 238.8300, 3.8950, 12.0150 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(250, 230, 255)` looks like.

```
.text, #text, p{  
    color:rgb(250, 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(250, 230, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 230, 255) }
```

Border

The CSS property to change the border of an element to YIQ 238.8300, 3.8950, 12.0150 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(250, 230, 255) }
```


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

```
.border{ border-color:rgb(250, 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(250, 230, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 230, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 230, 255);  
box-shadow:4px 4px 4px 4px rgb(250, 230,  
255) }
```

Background

The CSS property to change the background color of an element to YIQ 238.8300, 3.8950, 12.0150 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 230, 255) }
```

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

```
.background{ background-color: rgb(250,  
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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