

Converting Colors

YIQ(238.4890, 3.1170, 4.0850)

Have a look what the booklet for
YIQ(238.4890, 3.1170, 4.0850)
contains.

YIQ(238.4890, 3.1170, 4.0850)	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(238.4890, 3.1170,
4.0850)**

Conversions

Conversions Part 1

Format	Color
Hex	F4EBF2
RGB	244, 235, 242
RGB Percent	96%, 92%, 95%
CMY	0.0431, 0.0784, 0.0510
CMYK	0.00, 0.04, 0.01, 0.04
HSL	313°, 29%, 94%
HSV	313°, 4%, 96%
XYZ	83.0450, 85.0597, 96.0470
YIQ	238.4890, 3.1170, 4.0850

Conversions

Conversions Part 2

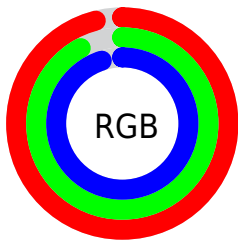
Format	Color
R _Y B	244, 235, 242
Decimal	16051186
CIE Lab	93.91, 4.26, -2.31
CIE LCh	94, 4.843, 331.485
Yxy	85.0597, 0.3144, 0.3220
Android (android.graphics.Color)	4294241266 (0xFF4E4BF2)
YUV	238.4890, 1.7309, 4.8331
Hunter-Lab	92.2278, -0.6712, 2.8142

Details

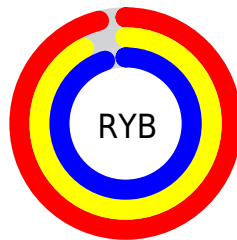
The YIQ color $238.4890, 3.1170, 4.0850$ is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be $240.5110, -3.1170, -4.0850$, and the grayscale version is $238.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $182.4890, 3.1170, 4.0850$ is the 20% darker color. If you saturate the color by 10%, you get $223.8310, 11.3220, 15.0820$, and if you desaturate by 10%, it is $250.7990, -3.9880, -4.8200$.

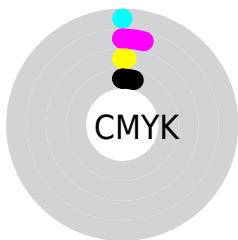
Distribution



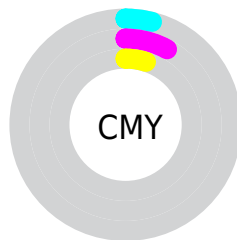
- Red (96%)
- Green (92%)
- Blue (95%)



- Red (96%)
- Yellow (92%)
- Blue (95%)



- Cyan (0%)
- Magenta (4%)
- Yellow (1%)
- Black (4%)



- Cyan (4%)
- Magenta (8%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 238.4890, 3.1170, 4.0850 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 238.4890, 3.1170, 4.0850 by changing the saturation by 10% instead.

238.4890, 3.1170,
4.0850

238.4890, 3.1170,
4.0850

255.0000, -0.0000,
-0.0000

210.4890, 3.1170,
4.0850

182.4890, 3.1170,
4.0850

156.0760, 2.8420,
3.5620

130.0760, 2.8420,
3.5620

104.7770, 2.2460,
3.3500

80.6630, 2.5670,
3.0390

57.6630, 2.5670,

3.0390

■ 36.3640, 1.9710,
2.8270

■ 14.4890, 3.1170,
4.0850

■ 238.4890, 3.1170,
4.0850

■ 238.4890, 3.1170,
4.0850

■ 223.8310, 11.3220,
15.0820

■ 250.7990, -3.9880,
-4.8200

■ 208.4720, 20.1230,
26.2910

■ 251.4830, -5.9140,
-2.9540

■ 193.8140, 28.3280,
37.2880

■ 251.7110, -6.5560,
-2.3320

■ 178.4550, 37.1290,
48.4970

■ 163.7970, 45.3340,
59.4940

■ 149.0250, 53.8600,
70.1800

■ 133.7800, 62.3400,
81.7000

■ 119.1220, 70.5450,
92.6970

■ 103.7630, 79.3460,
103.9060

Harmonies

Analogous

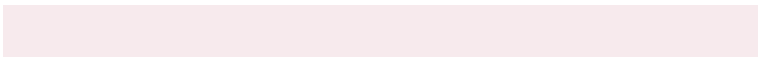
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



237.9230, -1.1010, 3.4350



238.4890, 3.1170, 4.0850



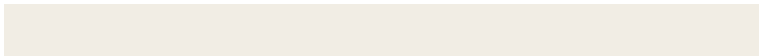
238.2290, 6.7850, 3.6890

Triad

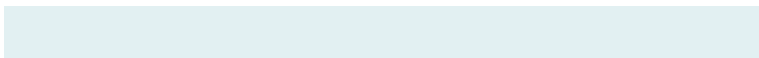
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



238.4890, 3.1170, 4.0850



237.1700, 5.2730, -1.9510



236.0420, -8.9860, -2.3460

Complementary

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



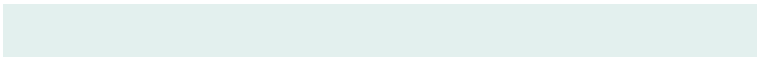
238.4890, 3.1170, 4.0850



240.5110, -3.1170, -4.0850

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.



235.8850, -7.1060, -3.3780



238.4890, 3.1170, 4.0850



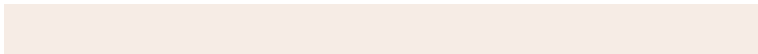
236.9630, 1.4220, -3.7460

Square

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



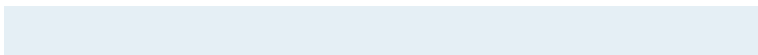
238.4890, 3.1170, 4.0850



238.1920, 8.2070, -0.0570



236.5110, -3.1170, -4.0850



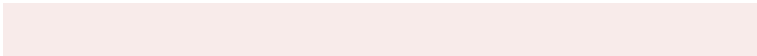
236.6940, -7.8860, -0.2540

Rectangle

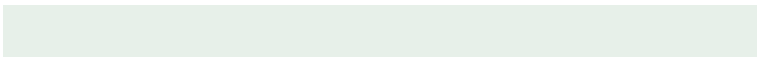
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



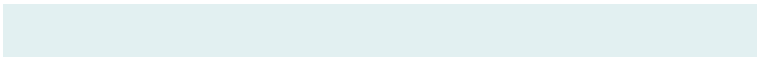
238.4890, 3.1170, 4.0850



238.7730, 8.0690, 2.4450



236.5110, -3.1170, -4.0850



235.9280, -8.6650, -2.6570

Sweetspot

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



238.4890, 3.1170, 4.0850



253.1250, 1.1460, 1.2580



236.6240, -1.6970, 3.2230



126.7120, 0.8710, 0.7350



0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000

Same Dimension

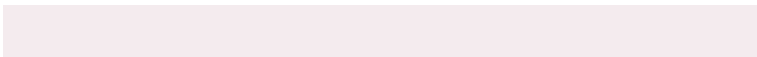
The Same Dimension uses a secret algorithm to generate beautiful new colors.



238.4890, 3.1170, 4.0850



248.9020, 3.3920, 4.6080



238.0330, 4.4010, 2.8410



118.3640, 1.9710, 2.8270



72.1440, 64.3110, 84.5270



22.8850, 20.3980, 26.8140

Inverse Universe

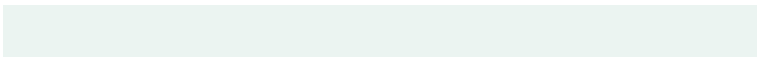
The Inverse Universe completely reimagines the original color for something new.



238.4890, 3.1170, 4.0850



248.9020, 3.3920, 4.6080



240.9670, -4.4010, -2.8410



118.3640, 1.9710, 2.8270



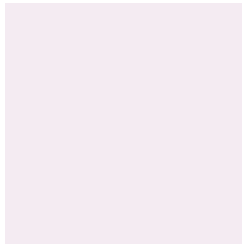
72.1440, 64.3110, 84.5270



22.8850, 20.3980, 26.8140

Previews

White Background



This preview shows how the YIQ color 238.4890, 3.1170, 4.0850 looks on a white background.

Color Contrast Check

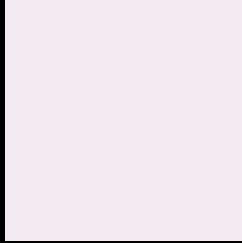
Large Text (above 18pt) WCAG AA × Fail

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 238.4890, 3.1170, 4.0850 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

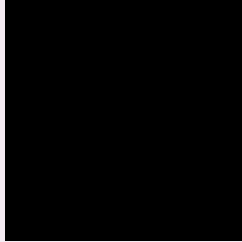
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

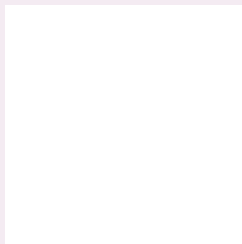
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 238.4890, 3.1170, 4.0850

Background



This preview shows how black text looks on a background with the YIQ color 238.4890, 3.1170, 4.0850.



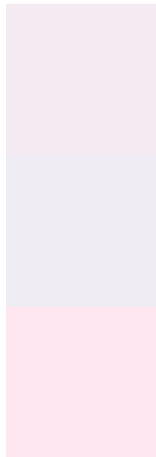
This preview shows how white text looks on a background with the YIQ color 238.4890, 3.1170,

4.0850.

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

238.4890, 3.1170, 4.0850

Protanopia

237.9940, 0.1370, 3.0250

Deuteranopia

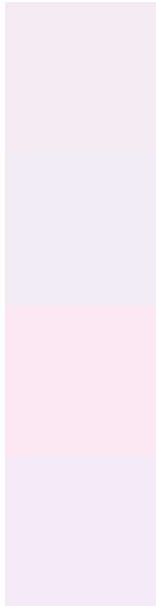
239.4300, 10.7730, 8.5090



Tritanopia

238.7540, 1.0530, 8.4530

Trichromacy



Original Color

238.4890, 3.1170, 4.0850

Protanomaly

238.2930, 0.7330, 3.2370

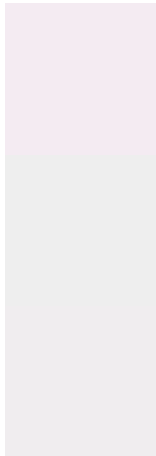
Deuteranomaly

238.8210, 8.1140, 7.1380

Tritanomaly

238.8850, 2.0620, 6.6860

Monochromacy



Original Color

238.4890, 3.1170, 4.0850

Achromatopsia

238.0000, -0.0000, 0.0000

Achromatomaly

238.1250, 1.1460, 1.2580

CSS Examples

Text

The CSS property to change the color of the text to YIQ 238.4890, 3.1170, 4.0850 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, 235, 242)` looks like.

```
.text, #text, p{  
    color:rgb(244, 235, 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(244, 235, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 235, 242) }
```

Border

The CSS property to change the border of an element to YIQ 238.4890, 3.1170, 4.0850 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, 235, 242) }
```


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

```
.border{ border-color:rgb(244, 235, 242) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 235, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 235, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 235, 242);  
box-shadow:4px 4px 4px 4px rgb(244, 235,  
242) }
```

Background

The CSS property to change the background color of an element to YIQ 238.4890, 3.1170, 4.0850 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 235, 242) }
```

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

```
.background{ background-color: rgb(244,  
235, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor