

Converting Colors

YIQ(238.4910, 8.8030, 0.1550)

Have a look what the booklet for
YIQ(238.4910, 8.8030, 0.1550)
contains.

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Color

**YIQ(238.4910, 8.8030,
0.1550)**

Conversions

Conversions Part 1

Format	Color
Hex	F7ECE5
RGB	247, 236, 229
RGB Percent	97%, 93%, 90%
CMY	0.0313, 0.0745, 0.1019
CMYK	0.00, 0.04, 0.07, 0.03
HSL	23°, 53%, 93%
HSV	23°, 7%, 97%
XYZ	82.4981, 85.4211, 86.2761
YIQ	238.4910, 8.8030, 0.1550

Conversions

Conversions Part 2

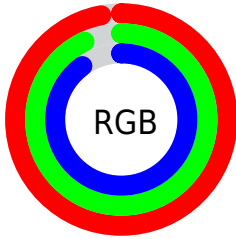
Format	Color
R _Y B	247, 240, 229
Decimal	16248037
CIE Lab	94.06, 2.53, 4.69
CIE LCh	94, 5.335, 61.640
Yxy	85.4211, 0.3245, 0.3360
Android (android.graphics.Color)	4294438117 (0xFF7ECE5)
YUV	238.4910, -4.6791, 7.4624
Hunter-Lab	92.4235, -2.4104, 9.3501

Details

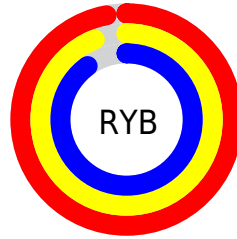
The YIQ color $238.4910, 8.8030, 0.1550$ is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be $237.5090, -8.8030, -0.1550$, and the grayscale version is $239.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $182.6050, 8.4820, 0.4660$ is the 20% darker color. If you saturate the color by 10%, you get $226.8360, 20.9530, 0.2250$, and if you desaturate by 10%, it is $250.1460, -3.3470, 0.0850$.

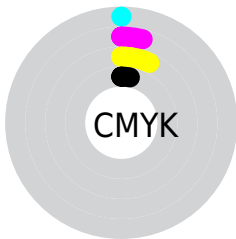
Distribution



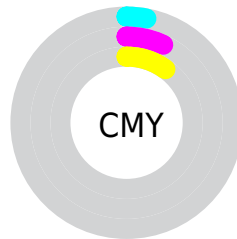
- Red (97%)
- Green (93%)
- Blue (90%)



- Red (97%)
- Yellow (94%)
- Blue (90%)



- Cyan (0%)
- Magenta (4%)
- Yellow (7%)
- Black (3%)





- Cyan (3%)
- Magenta (7%)
- Yellow (10%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 238.4910, 8.8030, 0.1550 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 238.4910, 8.8030, 0.1550 by changing the saturation by 10% instead.

 238.4910, 8.8030,
0.1550


 238.4910, 8.8030,
0.1550


255.0000, -0.0000,
-0.0000


 210.1920, 8.2070,
-0.0570

 182.6050, 8.4820,
0.4660

 155.6050, 8.4820,
0.4660

 129.8930, 7.6110,
-0.2690

 104.4200, 7.5650,
0.5650

 80.7080, 6.6940,
-0.1700

 57.7080, 6.6940,

-0.1700

■ 35.8220, 6.3730,
0.1410

■ 14.0780, 8.5280,
-0.3680

■ 238.4910, 8.8030,
0.1550

■ 238.4910, 8.8030,
0.1550

■ 226.8360, 20.9530,
0.2250

■ 250.1460, -3.3470,
0.0850

■ 215.2950, 32.7820,
0.6060

■ 252.6080, -4.7680,
-1.6960

■ 203.6400, 44.9320,
0.6760

■ 191.9850, 57.0820,
0.7460

■ 179.8570, 69.1860,
1.6500

■ 168.2020, 81.3360,
1.7200

■ 156.5470, 93.4860,
1.7900

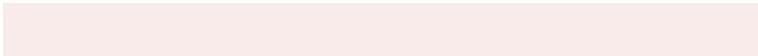
■ 144.8920,
105.6360, 1.8600

■ 133.3510,
117.4650, 2.2410

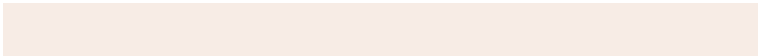
Harmonies

Analogous

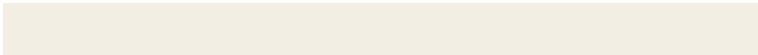
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



238.9580, 8.9860, 2.3460



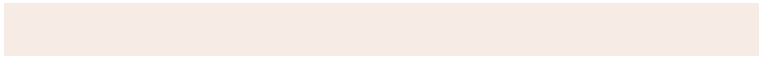
238.4910, 8.8030, 0.1550



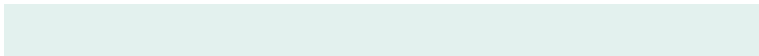
238.0560, 5.5940, -2.2620

Triad

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



238.4910, 8.8030, 0.1550



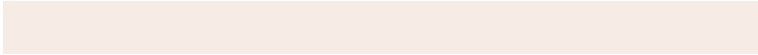
236.4720, -7.3810, -3.9010



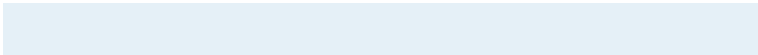
238.7380, -2.0180, 3.5340

Complementary

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



238.4910, 8.8030, 0.1550



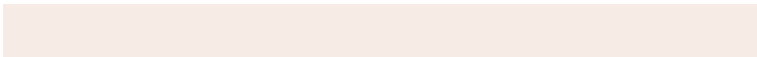
237.5090, -8.8030, -0.1550

Split Complementary

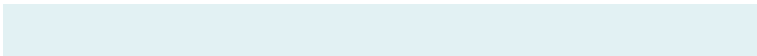
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



237.6450, -6.1900, 2.0500



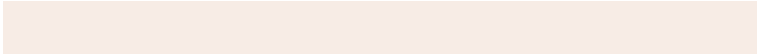
238.4910, 8.8030, 0.1550



236.7430, -9.5820, -2.5580

Square

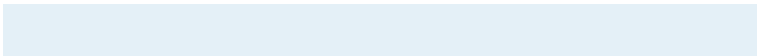
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



238.4910, 8.8030, 0.1550



237.0980, -3.3920, -4.6080



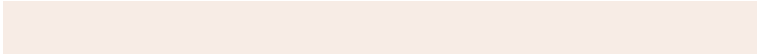
237.2100, -9.3990, -0.3670



238.9020, 3.3920, 4.6080

Rectangle

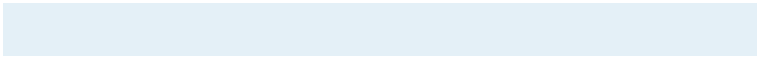
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



238.4910, 8.8030, 0.1550



237.4470, 2.9350, -3.6330



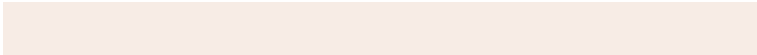
237.2100, -9.3990, -0.3670



238.1400, -3.2100, 3.1100

Sweetspot

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



238.4910, 8.8030, 0.1550



252.6690, 2.4300, 0.0140



235.6360, 7.1970, 7.2370



126.4840, 1.5130, 0.1130



0.0000, 0.0000, 0.0000



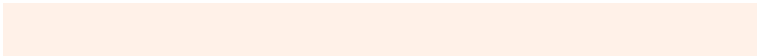
128.0000, -0.0000, -0.0000

Same Dimension

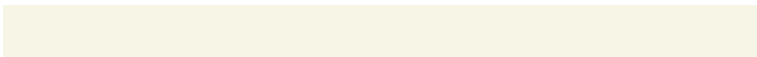
The Same Dimension uses a secret algorithm to generate beautiful new colors.



238.4910, 8.8030, 0.1550



244.1600, 11.2330, 0.1690



243.7740, 6.3280, -4.5520



116.5230, 5.7770, -0.0710



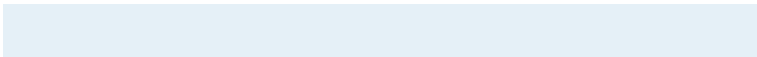
97.8780, 91.0560, 1.7760



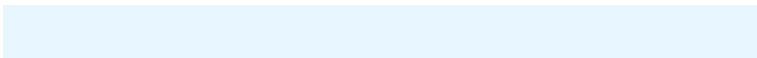
31.1420, 28.8390, 0.4790

Inverse Universe

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



237.5090, -8.8030, -0.1550



242.8400, -11.2330, -0.1690



232.2260, -6.3280, 4.5520



116.0640, -6.0520, -0.4520



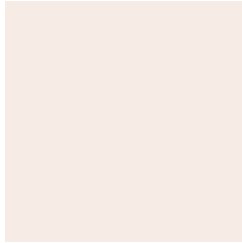
88.1220, -91.0560, -1.7760



27.8580, -28.8390, -0.4790

Previews

White Background



This preview shows how the YIQ color 238.4910, 8.8030, 0.1550 looks on a white background.

Color Contrast Check

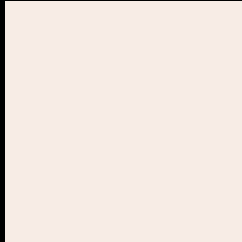
Large Text (above 18pt) WCAG AA × Fail

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 238.4910, 8.8030, 0.1550 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

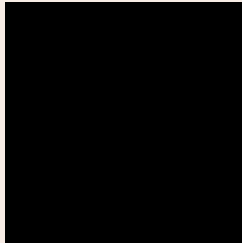
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

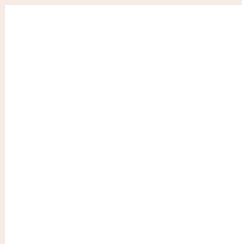
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 238.4910, 8.8030, 0.1550

Background



This preview shows how black text looks on a background with the YIQ color 238.4910, 8.8030, 0.1550.



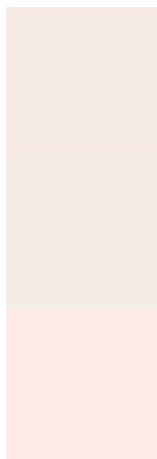
This preview shows how white text looks on a background with the YIQ color 238.4910, 8.8030,

0.1550.

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

238.4910, 8.8030, 0.1550

Protanopia

238.2950, 6.4190, -0.6930

Deuteranopia

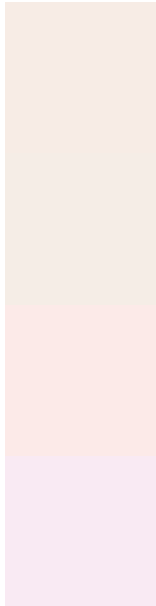
239.5780, 13.1120, 4.6640



Tritanopia

240.1350, 4.3540, 9.2020

Trichromacy



Original Color

238.4910, 8.8030, 0.1550

Protanomaly

238.5940, 7.0150, -0.4810

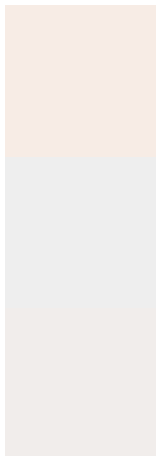
Deuteranomaly

239.1540, 11.3700, 3.1940

Tritanomaly

239.5110, 6.0510, 5.9790

Monochromacy



Original Color

238.4910, 8.8030, 0.1550

Achromatopsia

238.0000, -0.0000, 0.0000

Achromatomaly

237.9680, 3.0260, 0.2260

CSS Examples

Text

The CSS property to change the color of the text to YIQ 238.4910, 8.8030, 0.1550 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(247, 236, 229)` looks like.

```
.text, #text, p{  
    color:rgb(247, 236, 229)  
}
```

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(247, 236, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 236, 229) }
```

Border

The CSS property to change the border of an element to YIQ 238.4910, 8.8030, 0.1550 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(247, 236, 229) }
```


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

```
.border{ border-color:rgb(247, 236, 229) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 236, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 236, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 236, 229);  
box-shadow:4px 4px 4px 4px rgb(247, 236,  
229) }
```

Background

The CSS property to change the background color of an element to YIQ 238.4910, 8.8030, 0.1550 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 236, 229) }
```

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

```
.background{ background-color: rgb(247,  
236, 229) }
```

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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