

Converting Colors

YIQ(239.2030, 9.6740, 0.8900)

Have a look what the booklet for
YIQ(239.2030, 9.6740, 0.8900)
contains.

YIQ(239.2030, 9.6740, 0.8900)	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(239.2030, 9.6740,
0.8900)**

Conversions

Conversions Part 1

Format	Color
Hex	F9ECE6
RGB	249, 236, 230
RGB Percent	98%, 93%, 90%
CMY	0.0235, 0.0745, 0.0980
CMYK	0.00, 0.05, 0.08, 0.02
HSL	19°, 61%, 94%
HSV	19°, 8%, 98%
XYZ	83.3477, 85.8425, 87.0474
YIQ	239.2030, 9.6740, 0.8900

Conversions

Conversions Part 2

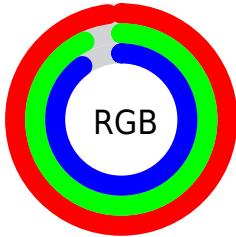
Format	Color
R _Y B	249, 239, 230
Decimal	16379110
CIE Lab	94.24, 3.39, 4.46
CIE LCh	94, 5.597, 52.764
Yxy	85.8425, 0.3253, 0.3350
Android (android.graphics.Color)	4294569190 (0xFFFF9ECE6)
YUV	239.2030, -4.5371, 8.5920
Hunter-Lab	92.6513, -1.5637, 9.1520

Details

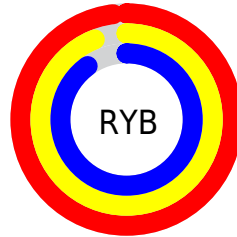
The YIQ color $239.2030, 9.6740, 0.8900$ is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be $239.7970, -9.6740, -0.8900$, and the grayscale version is $239.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $183.3170, 9.3530, 1.2010$ is the 20% darker color. If you saturate the color by 10%, you get $226.3740, 22.3740, 2.0060$, and if you desaturate by 10%, it is $252.0320, -3.0260, -0.2260$.

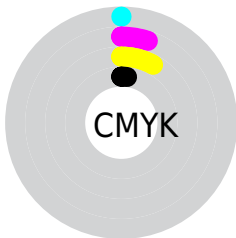
Distribution



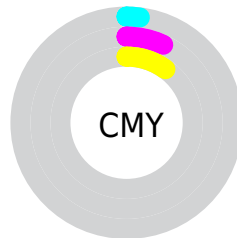
- Red (98%)
- Green (93%)
- Blue (90%)



- Red (98%)
- Yellow (94%)
- Blue (90%)



- Cyan (0%)
- Magenta (5%)
- Yellow (8%)
- Black (2%)



- Cyan (2%)
- Magenta (7%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 239.2030, 9.6740, 0.8900 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 239.2030, 9.6740, 0.8900 by changing the saturation by 10% instead.

239.2030, 9.6740,
0.8900

239.2030, 9.6740,
0.8900

255.0000, -0.0000,
-0.0000

210.9040, 9.0780,
0.6780

183.3170, 9.3530,
1.2010

156.0180, 8.7570,
0.9890

130.6050, 8.4820,
0.4660

104.7190, 8.1610,
0.7770

80.8330, 7.8400,
1.0880

58.1210, 6.9690,

0.3530

■ 36.2350, 6.6480,
0.6640

■ 14.7900, 9.3990,
0.3670

■ 239.2030, 9.6740,
0.8900

■ 239.2030, 9.6740,
0.8900

■ 226.3740, 22.3740,
2.0060

■ 252.0320, -3.0260,
-0.2260

■ 213.5450, 35.0740,
3.1220

■ 253.2060, -3.5760,
-1.2720

■ 200.7160, 47.7740,
4.2380

■ 187.8870, 60.4740,
5.3540

■ 175.1720, 72.8530,
6.7810

■ 162.3430, 85.5530,
7.8970

■ 149.5140, 98.2530,
9.0130

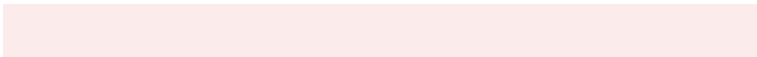
■ 136.6850,
110.9530, 10.1290

■ 123.8560,
123.6530, 11.2450

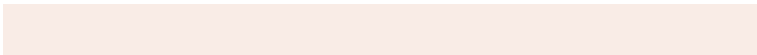
Harmonies

Analogous

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



239.6700, 9.8570, 3.0810



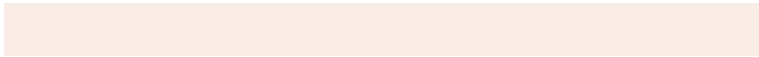
239.2030, 9.6740, 0.8900



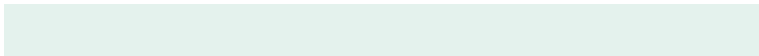
238.9530, 7.3820, -1.6260

Triad

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



239.2030, 9.6740, 0.8900



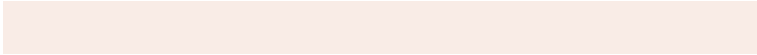
237.2440, -6.7390, -4.5230



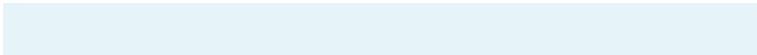
238.5530, -2.9350, 3.6330

Complementary

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



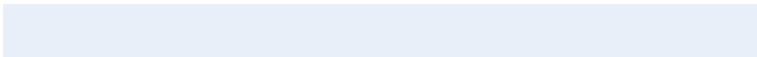
239.2030, 9.6740, 0.8900



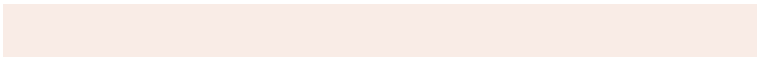
239.7970, -9.6740, -0.8900

Split Complementary

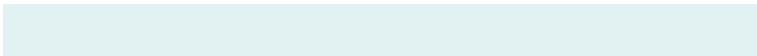
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



238.0470, -7.3820, 1.6260



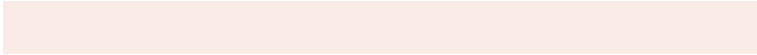
239.2030, 9.6740, 0.8900



237.2160, -9.5360, -3.3920

Square

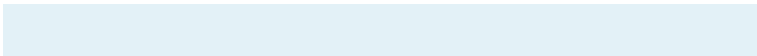
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



239.2030, 9.6740, 0.8900



237.2830, -2.4750, -4.7070



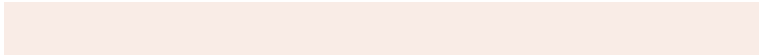
237.4980, -10.2700, -1.1020



239.4180, 1.8790, 4.4950

Rectangle

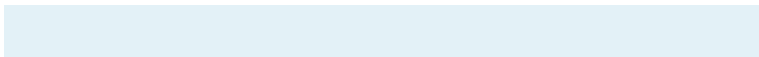
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



239.2030, 9.6740, 0.8900



238.3440, 4.7230, -2.9970



237.4980, -10.2700, -1.1020



238.6560, -4.7230, 2.9970

Sweetspot

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



239.2030, 9.6740, 0.8900



252.6690, 2.4300, 0.0140



237.1630, 7.1510, 8.0710



126.4840, 1.5130, 0.1130



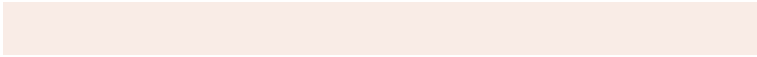
0.0000, 0.0000, 0.0000



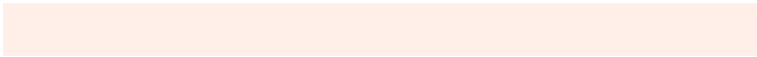
128.0000, -0.0000, -0.0000

Same Dimension

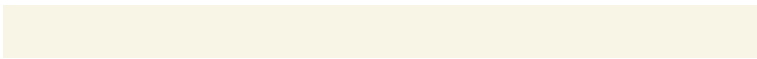
The Same Dimension uses a secret algorithm to generate beautiful new colors.



239.2030, 9.6740, 0.8900



242.9860, 11.7830, 1.2150



244.4860, 7.1990, -3.8170



118.2350, 6.6480, 0.6640



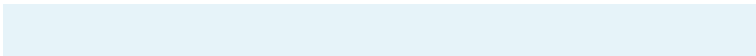
91.1440, 96.4190, 9.2110



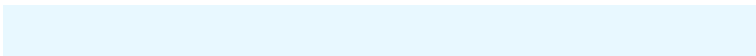
29.3920, 31.1310, 2.9950

Inverse Universe

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



239.7970, -9.6740, -0.8900



244.0140, -11.7830, -1.2150



234.5140, -7.1990, 3.8170



118.7650, -6.6480, -0.6640



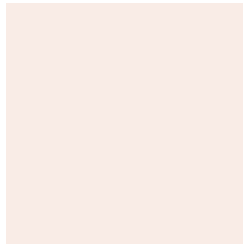
97.2690, -96.1440, -8.6880



31.6080, -31.1310, -2.9950

Previews

White Background



This preview shows how the YIQ color 239.2030, 9.6740, 0.8900 looks on a white background.

Color Contrast Check

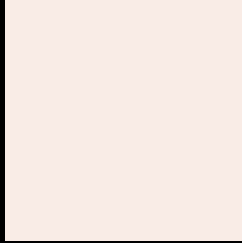
Large Text (above 18pt) WCAG AA × Fail

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 239.2030, 9.6740, 0.8900 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

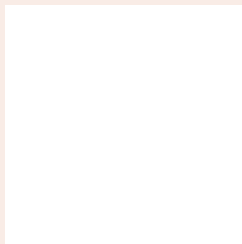
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 239.2030, 9.6740, 0.8900

Background



This preview shows how black text looks on a background with the YIQ color 239.2030, 9.6740, 0.8900.



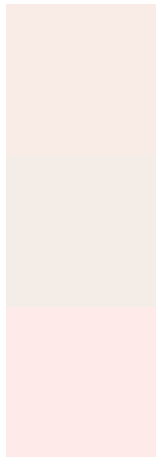
This preview shows how white text looks on a background with the YIQ color 239.2030, 9.6740,

0.8900.

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

239.2030, 9.6740, 0.8900

Protanopia

238.4090, 6.0980, -0.3820

Deuteranopia

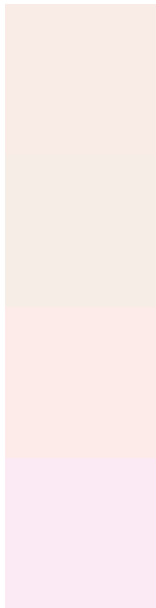
240.2790, 12.5160, 4.4520



Tritanopia

240.7330, 5.5460, 9.6260

Trichromacy



Original Color

239.2030, 9.6740, 0.8900

Protanomaly

239.0070, 7.2900, 0.0420

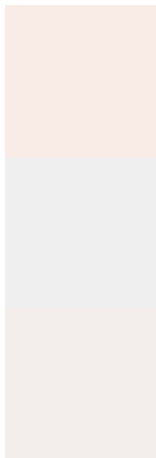
Deuteranomaly

240.1540, 11.3700, 3.1940

Tritanomaly

240.1090, 7.2430, 6.4030

Monochromacy



Original Color

239.2030, 9.6740, 0.8900

Achromatopsia

239.0000, -0.0000, -0.0000

Achromatomaly

239.2670, 3.6220, 0.4380

CSS Examples

Text

The CSS property to change the color of the text to YIQ 239.2030, 9.6740, 0.8900 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(249, 236, 230)` looks like.

```
.text, #text, p{  
    color:rgb(249, 236, 230)  
}
```

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(249, 236, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 236, 230) }
```

Border

The CSS property to change the border of an element to YIQ 239.2030, 9.6740, 0.8900 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(249, 236, 230) }
```


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

```
.border{ border-color:rgb(249, 236, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 236, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 236, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 236, 230);  
box-shadow:4px 4px 4px 4px rgb(249, 236,  
230) }
```

Background

The CSS property to change the background color of an element to YIQ 239.2030, 9.6740, 0.8900 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 236, 230) }
```

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

```
.background{ background-color: rgb(249,  
236, 230) }
```

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