

Converting Colors

YIQ(240.3700, 19.0290, -8.9630)

Have a look what the booklet for
YIQ(240.3700, 19.0290, -8.9630)
contains.

YIQ(240.3700, 19.0290, -8.9630)	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(240.3700, 19.0290,
-8.9630)**

Conversions

Conversions Part 1

Format	Color
Hex	FDF1CC
RGB	253, 241, 204
RGB Percent	99%, 95%, 80%
CMY	0.0078, 0.0549, 0.1999
CMYK	0.00, 0.05, 0.19, 0.01
HSL	45°, 92%, 90%
HSV	45°, 19%, 99%
XYZ	82.8646, 88.1514, 69.7909
YIQ	240.3700, 19.0290, -8.9630

Conversions

Conversions Part 2

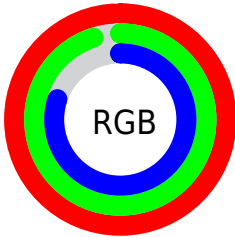
Format	Color
R _Y B	220, 253, 204
Decimal	16642508
CIE Lab	95.22, -1.76, 19.32
CIE LCh	95, 19.405, 95.211
Yxy	88.1514, 0.3441, 0.3661
Android (android.graphics.Color)	4294832588 (0xFFFD1CC)
YUV	240.3700, -17.9304, 11.0765
Hunter-Lab	93.8890, -6.7650, 21.6499

Details

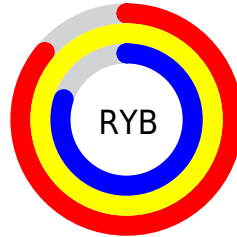
The YIQ color $240.3700, 19.0290, -8.9630$ is a light color, and the websafe version is hex $FFFFCC$. A complement of this color would be $216.6300, -19.0290, 8.9630$, and the grayscale version is $241.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $184.2990, 17.7910, -8.5530$ is the 20% darker color. If you saturate the color by 10%, you get $233.9980, 28.7040, -13.6000$, and if you desaturate by 10%, it is $246.7420, 9.3540, -4.3260$.

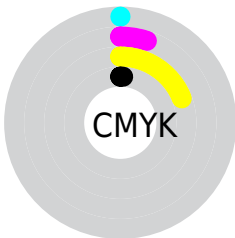
Distribution



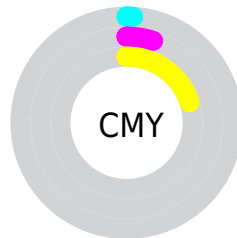
- Red (99%)
- Green (95%)
- Blue (80%)



- Red (86%)
- Yellow (99%)
- Blue (80%)



- Cyan (0%)
- Magenta (5%)
- Yellow (19%)
- Black (1%)





- Cyan (1%)
- Magenta (5%)
- Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 240.3700, 19.0290, -8.9630 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 240.3700, 19.0290, -8.9630 by changing the saturation by 10% instead.


 240.3700, 19.0290,
-8.9630


 240.3700, 19.0290,
-8.9630


255.0000, -0.0000,
-0.0000


 212.1850, 18.1120,
-8.8640

 184.2990, 17.7910,
-8.5530

 157.4130, 17.4700,
-8.2420

 131.2280, 16.5530,
-8.1430

 106.0430, 15.6360,
-8.0440

 81.8580, 14.7190,
-7.9450

 58.6730, 13.8020,

-7.8460

■ 36.2600, 13.5270,
-8.3690

■ 16.8450, 7.5660,
-4.9620

■ 240.3700, 19.0290,
-8.9630

■ 240.3700, 19.0290,
-8.9630

■ 233.9980, 28.7040,
-13.6000

■ 246.7420, 9.3540,
-4.3260

■ 227.5120, 38.7000,
-18.5480

■ 253.2280, -0.6420,
0.6220

■ 220.5530, 48.6500,
-22.6620

■ 254.4020, -1.1920,
-0.4240

■ 214.1810, 58.3250,
-27.2990

■ 207.8090, 68.0000,
-31.9360

■ 201.3230, 77.9960,
-36.8840

■ 194.9510, 87.6710,
-41.5210

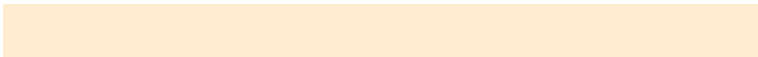
■ 187.9920, 97.6210,
-45.6350

■ 187.7640, 98.2630,
-46.2570

Harmonies

Analogous

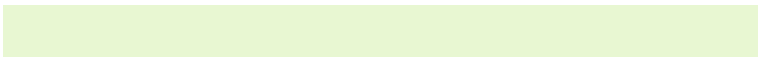
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



237.9020, 20.5870, -4.1570



240.3700, 19.0290, -8.9630



238.2970, 2.9370, -14.6870

Triad

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



240.3700, 19.0290, -8.9630



234.1140, -35.8520, -11.0520



240.3250, 6.8750, 13.0750

Complementary

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



240.3700, 19.0290, -8.9630



216.6300, -19.0290, 8.9630

Split Complementary

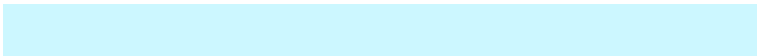
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



241.4660, 1.9240, 9.1880



240.3700, 19.0290, -8.9630



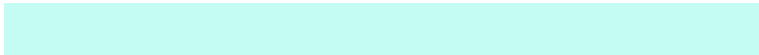
235.0550, -28.1960, -6.6280

Square

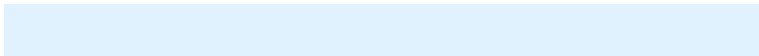
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



240.3700, 19.0290, -8.9630



234.3440, -30.8080, -14.3600



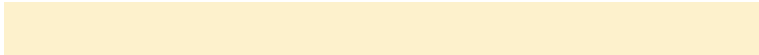
238.3990, -14.3050, 0.4390



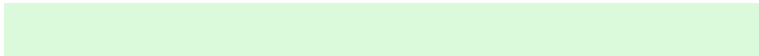
237.3270, 12.5610, 9.1450

Rectangle

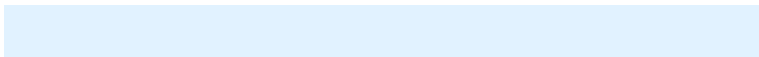
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



240.3700, 19.0290, -8.9630



236.8980, -9.1210, -16.4250



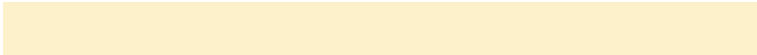
238.3990, -14.3050, 0.4390



241.4990, 6.3250, 12.0290

Sweetspot

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



240.3700, 19.0290, -8.9630



250.9420, 5.9150, -2.5730



220.0190, 25.3520, 14.1200



125.2130, 3.7140, -1.2300



0.0000, 0.0000, 0.0000



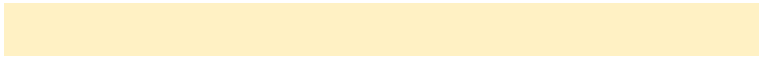
128.0000, -0.0000, -0.0000

Same Dimension

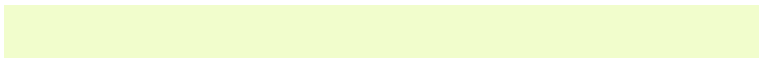
The Same Dimension uses a secret algorithm to generate beautiful new colors.



240.3700, 19.0290, -8.9630



240.0560, 22.7890, -11.0270



243.8260, 8.5770, -17.7830



124.1700, 5.2730, -1.9510



141.6370, 74.2360, -34.8200



47.3120, 24.9440, -11.5360

Inverse Universe

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



216.6300, -19.0290, 8.9630



211.5310, -23.0640, 10.5040



213.1740, -8.5770, 17.7830



118.2430, -4.9980, 2.4740



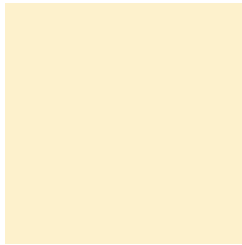
49.3630, -74.2360, 34.8200



16.6880, -24.9440, 11.5360

Previews

White Background



This preview shows how the YIQ color 240.3700, 19.0290, -8.9630 looks on a white background.

Color Contrast Check

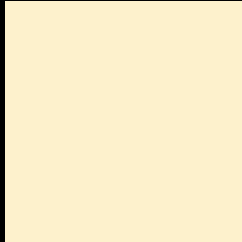
Large Text (above 18pt) WCAG AA × Fail

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 240.3700, 19.0290, -8.9630 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

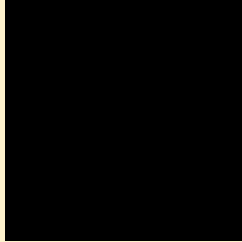
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 240.3700, 19.0290, -8.9630

Background



This preview shows how black text looks on a background with the YIQ color 240.3700, 19.0290, -8.9630.



This preview shows how white text looks on a background with the YIQ color 240.3700, 19.0290,

-8.9630.

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

240.3700, 19.0290, -8.9630

Protanopia

240.6690, 19.6250, -8.7510

Deuteranopia

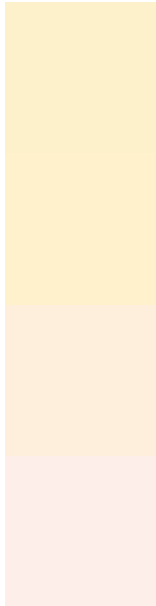
242.0570, 13.0210, 0.8050



Tritanopia

243.2770, 6.8300, 8.3820

Trichromacy



Original Color

240.3700, 19.0290, -8.9630

Protanomaly

240.6690, 19.6250, -8.7510

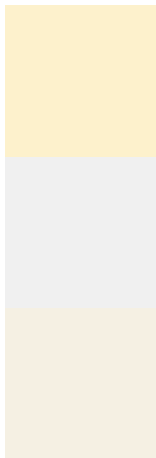
Deuteranomaly

241.3190, 15.0390, -2.7290

Tritanomaly

242.2140, 11.1410, 1.8370

Monochromacy



Original Color

240.3700, 19.0290, -8.9630

Achromatopsia

240.0000, -0.0000, -0.0000

Achromatomaly

240.0130, 7.1530, -2.9830

CSS Examples

Text

The CSS property to change the color of the text to YIQ 240.3700, 19.0290, -8.9630 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(253, 241, 204)` looks like.

```
.text, #text, p{  
    color:rgb(253, 241, 204)  
}
```

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(253, 241, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 241, 204) }
```

Border

The CSS property to change the border of an element to YIQ 240.3700, 19.0290, -8.9630 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(253, 241, 204) }
```


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

```
.border{ border-color:rgb(253, 241, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(253, 241, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 241, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 241, 204);  
box-shadow:4px 4px 4px 4px rgb(253, 241,  
204) }
```

Background

The CSS property to change the background color of an element to YIQ 240.3700, 19.0290, -8.9630 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 241, 204) }
```

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

```
.background{ background-color: rgb(253,  
241, 204) }
```

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