

Converting Colors

YIQ(240.9740, 20.0840,
-11.5640)

Have a look what the booklet for
YIQ(240.9740, 20.0840, -11.5640)
contains.

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Color

**YIQ(240.9740, 20.0840,
-11.5640)**

Conversions

Conversions Part 1

Format	Color
Hex	FDF3C7
RGB	253, 243, 199
RGB Percent	99%, 95%, 78%
CMY	0.0078, 0.0471, 0.2195
CMYK	0.00, 0.04, 0.21, 0.01
HSL	49°, 93%, 89%
HSV	49°, 21%, 99%
XYZ	82.8692, 89.1059, 66.8820
YIQ	240.9740, 20.0840, -11.5640

Conversions

Conversions Part 2

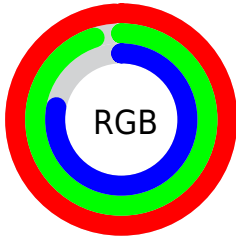
Format	Color
R _Y B	211, 253, 199
Decimal	16643015
CIE Lab	95.62, -3.48, 22.44
CIE LCh	96, 22.712, 98.808
Yxy	89.1059, 0.3469, 0.3731
Android (android.graphics.Color)	4294833095 (0xFFFFDF3C7)
YUV	240.9740, -20.6932, 10.5468
Hunter-Lab	94.3959, -8.4897, 24.0686

Details

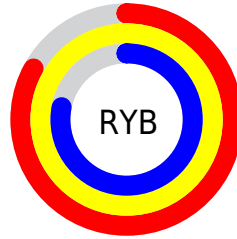
The YIQ color $240.9740, 20.0840, -11.5640$ is a light color, and the websafe version is hex $FFFFCC$. A complement of this color would be $211.0260, -20.0840, 11.5640$, and the grayscale version is $241.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $184.9030, 18.8460, -11.1540$ is the 20% darker color. If you saturate the color by 10%, you get $235.1890, 29.4840, -16.7240$, and if you desaturate by 10%, it is $246.7590, 10.6840, -6.4040$.

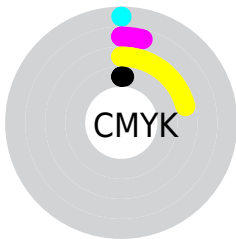
Distribution



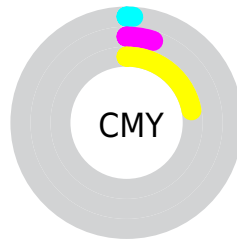
- Red (99%)
- Green (95%)
- Blue (78%)



- Red (83%)
- Yellow (99%)
- Blue (78%)



- Cyan (0%)
- Magenta (4%)
- Yellow (21%)
- Black (1%)



- Cyan (1%)
- Magenta (5%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 240.9740, 20.0840, -11.5640 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 240.9740, 20.0840, -11.5640 by changing the saturation by 10% instead.

240.9740, 20.0840,
-11.5640

240.9740, 20.0840,
-11.5640

255.0000, -0.0000,
-0.0000

212.7890, 19.1670,
-11.4650

184.9030, 18.8460,
-11.1540

157.7180, 17.9290,
-11.0550

131.8320, 17.6080,
-10.7440

106.6470, 16.6910,
-10.6450

81.8750, 16.0490,
-10.0230

58.5050, 14.2150,

-9.8250

■ 36.7500, 14.9030,
-11.2810

■ 17.7200, 6.4200,
-6.2200

■ 240.9740, 20.0840,
-11.5640

■ 240.9740, 20.0840,
-11.5640

■ 235.1890, 29.4840,
-16.7240

■ 246.7590, 10.6840,
-6.4040

■ 229.8770, 38.9300,
-22.7180

■ 252.0710, 1.2380,
-0.4100

■ 224.0920, 48.3300,
-27.8780

■ 254.4020, -1.1920,
-0.4240

■ 218.3070, 57.7300,
-33.0380

■ 213.1090, 66.8550,
-38.7210

■ 207.2100, 76.5760,
-44.1920

■ 201.4250, 85.9760,
-49.3520

■ 196.5690, 94.1380,
-54.1020

Harmonies

Analogous

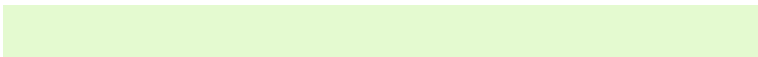
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



237.8050, 22.2380, -6.5460



240.9740, 20.0840, -11.5640



238.6340, 0.3700, -17.7260

Triad

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



240.9740, 20.0840, -11.5640



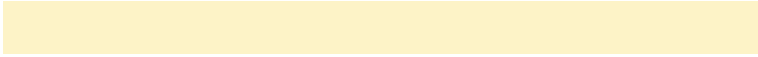
233.4830, -41.4450, -14.3170



239.7380, 7.1500, 13.5980

Complementary

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



240.9740, 20.0840, -11.5640



211.0260, -20.0840, 11.5640

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.



243.2600, 5.5000, 10.4600



240.9740, 20.0840, -11.5640



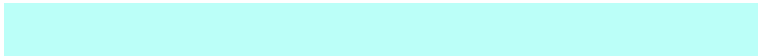
235.0330, -31.1300, -8.5220

Square

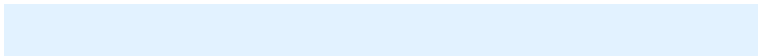
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



240.9740, 20.0840, -11.5640



233.8700, -38.2810, -16.5930



238.6980, -13.7090, 0.6510



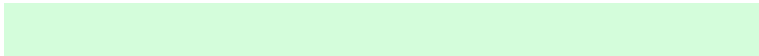
236.5120, 13.4780, 9.0460

Rectangle

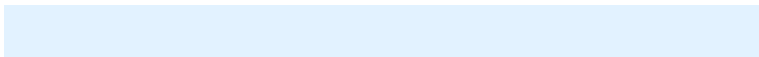
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



240.9740, 20.0840, -11.5640



236.8650, -13.5220, -19.2660



238.6980, -13.7090, 0.6510



240.9120, 6.6000, 12.5520

Sweetspot

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



240.9740, 20.0840, -11.5640



251.5290, 5.6400, -3.0960



216.4000, 28.6530, 14.8690



125.8000, 3.4390, -1.7530



0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000

Same Dimension

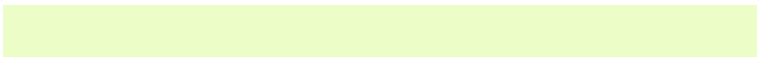
The Same Dimension uses a secret algorithm to generate beautiful new colors.



240.9740, 20.0840, -11.5640



240.4320, 24.4860, -14.2500



242.0600, 7.7980, -20.1860



124.7570, 4.9980, -2.4740



148.6810, 70.9360, -41.0960



49.6600, 23.8440, -13.6280

Inverse Universe

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



211.0260, -20.0840, 11.5640



203.5680, -24.4860, 14.2500



209.9400, -7.7980, 20.1860



117.6560, -4.7230, 2.9970



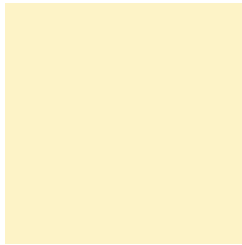
42.3190, -70.9360, 41.0960



14.3400, -23.8440, 13.6280

Previews

White Background



This preview shows how the YIQ color 240.9740, 20.0840, -11.5640 looks on a white background.

Color Contrast Check

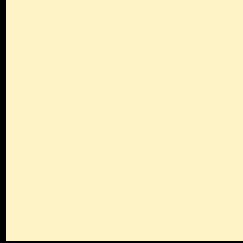
Large Text (above 18pt) WCAG AA × Fail

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 240.9740, 20.0840, -11.5640 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

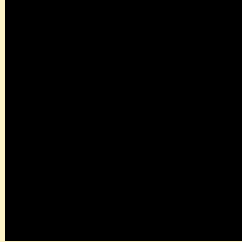
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 240.9740, 20.0840, -11.5640

Background



This preview shows how black text looks on a background with the YIQ color 240.9740, 20.0840, -11.5640.



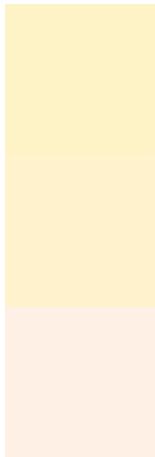
This preview shows how white text looks on a background with the YIQ color 240.9740, 20.0840,

-11.5640.

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

240.9740, 20.0840, -11.5640

Protanopia

241.5550, 19.9460, -9.0620

Deuteranopia

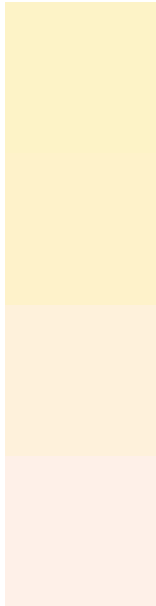
243.3450, 12.1500, 0.0700



Tritanopia

244.5650, 5.9590, 7.6470

Trichromacy



Original Color

240.9740, 20.0840, -11.5640

Protanomaly

241.0280, 19.9920, -9.8960

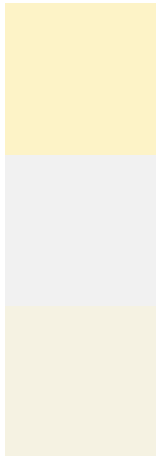
Deuteranomaly

242.3790, 14.8100, -4.0860

Tritanomaly

243.2740, 10.9120, 0.4800

Monochromacy



Original Color

240.9740, 20.0840, -11.5640

Achromatopsia

241.0000, -0.0000, -0.0000

Achromatomaly

241.0730, 6.9240, -4.3400

CSS Examples

Text

The CSS property to change the color of the text to YIQ 240.9740, 20.0840, -11.5640 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, 243, 199)` looks like.

```
.text, #text, p{  
  color:rgb(253, 243, 199)  
}
```

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, 243, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 243, 199) }
```

Border

The CSS property to change the border of an element to YIQ 240.9740, 20.0840, -11.5640 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, 243, 199) }
```


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

```
.border{ border-color:rgb(253, 243, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(253, 243, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 243, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 243, 199);  
box-shadow:4px 4px 4px 4px rgb(253, 243,  
199) }
```

Background

The CSS property to change the background color of an element to YIQ 240.9740, 20.0840, -11.5640 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 243, 199) }
```

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

```
.background{ background-color: rgb(253,  
243, 199) }
```

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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