

Converting Colors

YIQ(234.9740, 20.0840,
-11.5640)

Have a look what the booklet for
YIQ(234.9740, 20.0840, -11.5640)
contains.

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Color

**YIQ(234.9740, 20.0840,
-11.5640)**

Conversions

Conversions Part 1

Format	Color
Hex	F7EDC1
RGB	247, 237, 193
RGB Percent	97%, 93%, 76%
CMY	0.0314, 0.0706, 0.2430
CMYK	0.00, 0.04, 0.22, 0.03
HSL	49°, 77%, 86%
HSV	49°, 22%, 97%
XYZ	78.2693, 84.1914, 62.5944
YIQ	234.9740, 20.0840, -11.5640

Conversions

Conversions Part 2

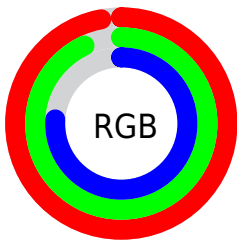
Format	Color
R _Y B	205, 247, 193
Decimal	16248257
CIE Lab	93.53, -3.47, 22.55
CIE LCh	94, 22.818, 98.751
Yxy	84.1914, 0.3478, 0.3741
Android (android.graphics.Color)	4294438337 (0xFFF7EDC1)
YUV	234.9740, -20.6932, 10.5468
Hunter-Lab	91.7559, -8.3094, 23.7824

Details

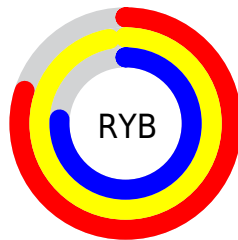
The YIQ color $234.9740, 20.0840, -11.5640$ is a light color, and the websafe version is hex $FFFFCC$. A complement of this color would be $205.0260, -20.0840, 11.5640$, and the grayscale version is $235.0000, 0.0000, -0.0000$.

A 20% lighter version of the original color is $254.4300, 1.6050, -1.5550$, and $178.9030, 18.8460, -11.1540$ is the 20% darker color. If you saturate the color by 10%, you get $229.1890, 29.4840, -16.7240$, and if you desaturate by 10%, it is $240.7590, 10.6840, -6.4040$.

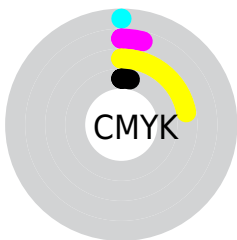
Distribution



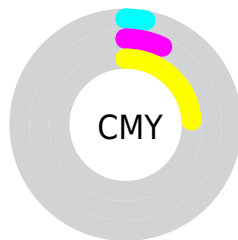
- Red (97%)
- Green (93%)
- Blue (76%)



- Red (80%)
- Yellow (97%)
- Blue (76%)



- Cyan (0%)
- Magenta (4%)
- Yellow (22%)
- Black (3%)



- Cyan (3%)
- Magenta (7%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 234.9740, 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 234.9740, 20.0840, -11.5640 by changing the saturation by 10% instead.

234.9740, 20.0840,
-11.5640

234.9740, 20.0840,
-11.5640

255.0000, -0.0000,
-0.0000

206.7890, 19.1670,
-11.4650

254.4300, 1.6050,
-1.5550

178.9030, 18.8460,
-11.1540

152.1310, 18.2040,
-10.5320

125.9460, 17.2870,
-10.4330

100.7610, 16.3700,
-10.3340

76.6900, 15.1320,
-9.9240

54.0920, 13.9400,

-10.3480

■ 32.5050, 14.2150,
-9.8250

■ 11.5070, 2.7060,
-4.9900

■ 234.9740, 20.0840,
-11.5640

■ 234.9740, 20.0840,
-11.5640

■ 229.1890, 29.4840,
-16.7240

■ 240.7590, 10.6840,
-6.4040

■ 224.1050, 38.2880,
-22.0960

■ 245.8430, 1.8800,
-1.0320

■ 218.3200, 47.6880,
-27.2560

■ 250.2600, -3.6680,
0.3960

■ 213.1220, 56.8130,
-32.9390

■ 252.6080, -4.7680,
-1.6960

■ 207.4510, 65.8920,
-37.7880

■ 202.2530, 75.0170,
-43.4710

■ 196.4680, 84.4170,
-48.6310

■ 191.8400, 91.9370,
-52.7590

Harmonies

Analogous

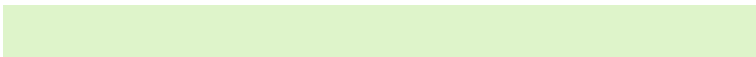
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



233.5990, 25.8140, -5.2740



234.9740, 20.0840, -11.5640



232.6340, 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.



234.9740, 20.0840, -11.5640



227.8680, -43.9670, -12.6630



235.9880, 9.4420, 16.1140

Complementary

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



234.9740, 20.0840, -11.5640



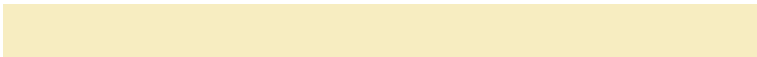
205.0260, -20.0840, 11.5640

Split Complementary

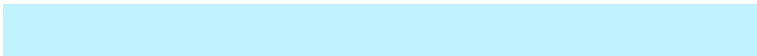
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



237.6450, 2.9780, 12.1140



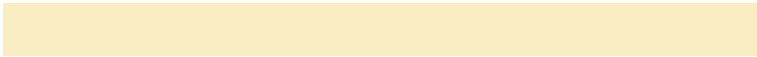
234.9740, 20.0840, -11.5640



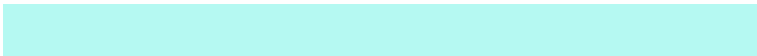
229.4180, -33.6520, -6.8680

Square

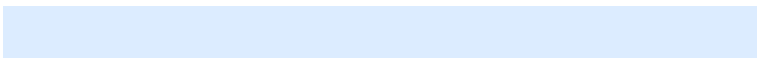
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



234.9740, 20.0840, -11.5640



227.8700, -38.2810, -16.5930



233.3820, -15.6350, 2.5170



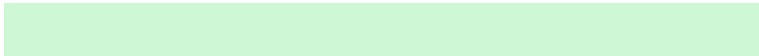
232.3060, 17.0540, 10.3180

Rectangle

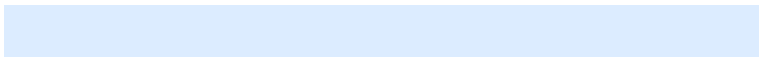
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



234.9740, 20.0840, -11.5640



230.8650, -13.5220, -19.2660



233.3820, -15.6350, 2.5170



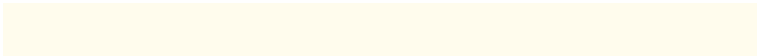
237.3900, 8.2500, 15.6900

Sweetspot

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



234.9740, 20.0840, -11.5640



251.1870, 6.6030, -4.0290



210.4000, 28.6530, 14.8690



125.5720, 4.0810, -2.3750



0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000

Same Dimension

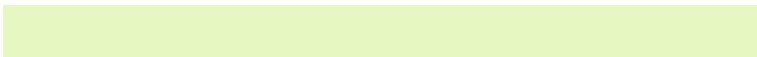
The Same Dimension uses a secret algorithm to generate beautiful new colors.



234.9740, 20.0840, -11.5640



240.4320, 24.4860, -14.2500



236.0600, 7.7980, -20.1860



119.4580, 4.4020, -2.6860



144.8380, 69.0560, -40.0640



45.8170, 21.9640, -12.5960

Inverse Universe

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



205.0260, -20.0840, 11.5640



203.5680, -24.4860, 14.2500



203.9400, -7.7980, 20.1860



112.5420, -4.4020, 2.6860



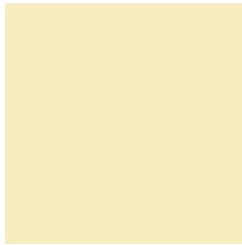
41.1620, -69.0560, 40.0640



13.1830, -21.9640, 12.5960

Previews

White Background



This preview shows how the YIQ color 234.9740, 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 234.9740, 20.0840, -11.5640 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

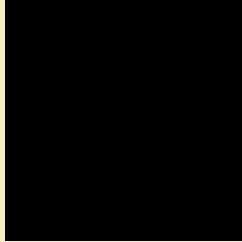
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 234.9740, 20.0840, -11.5640

Background



This preview shows how black text looks on a background with the YIQ color 234.9740, 20.0840, -11.5640.



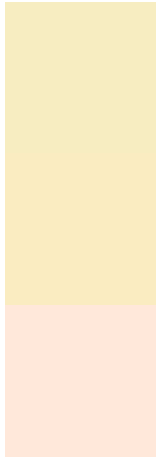
This preview shows how white text looks on a background with the YIQ color 234.9740, 20.0840, -11.5640.

-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

234.9740, 20.0840, -11.5640

Protanopia

235.2840, 22.1470, -10.4050

Deuteranopia

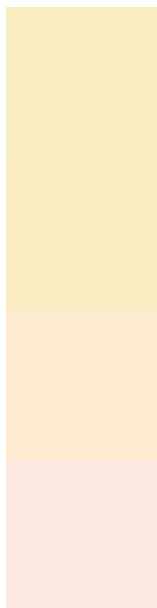
237.2810, 18.2020, 0.5220



Tritanopia

238.5270, 9.1220, 10.8980

Trichromacy



Original Color

234.9740, 20.0840, -11.5640

Protanomaly

234.9850, 21.5510, -10.6170

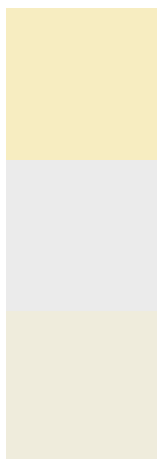
Deuteranomaly

236.5320, 18.7530, -3.9590

Tritanomaly

237.1110, 12.9290, 2.4730

Monochromacy



Original Color

234.9740, 20.0840, -11.5640

Achromatopsia

235.0000, 0.0000, -0.0000

Achromatomaly

235.0730, 6.9240, -4.3400

CSS Examples

Text

The CSS property to change the color of the text to YIQ 234.9740, 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(247, 237, 193)` looks like.

```
.text, #text, p{  
    color:rgb(247, 237, 193)  
}
```

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, 237, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 237, 193) }
```

Border

The CSS property to change the border of an element to YIQ 234.9740, 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(247, 237, 193) }
```


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

```
.border{ border-color:rgb(247, 237, 193) }
```

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

Here you see how a box with a 4 pixel rgb(247, 237, 193) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 237, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 237, 193);  
box-shadow:4px 4px 4px 4px rgb(247, 237,  
193) }
```

Background

The CSS property to change the background color of an element to YIQ 234.9740, 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(247, 237, 193) }
```

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

```
.background{ background-color: rgb(247,  
237, 193) }
```

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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