

Converting Colors

YIQ(238.9740, 20.0840,
-11.5640)

Have a look what the booklet for
YIQ(238.9740, 20.0840, -11.5640)
contains.

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Color

**YIQ(238.9740, 20.0840,
-11.5640)**

Conversions

Conversions Part 1

Format	Color
Hex	FBF1C5
RGB	251, 241, 197
RGB Percent	98%, 95%, 77%
CMY	0.0157, 0.0549, 0.2273
CMYK	0.00, 0.04, 0.22, 0.02
HSL	49°, 87%, 88%
HSV	49°, 22%, 98%
XYZ	81.3187, 87.4496, 65.4343
YIQ	238.9740, 20.0840, -11.5640

Conversions

Conversions Part 2

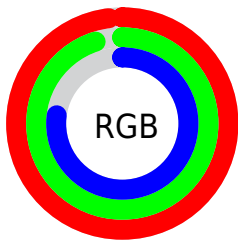
Format	Color
RYB	209, 251, 197
Decimal	16511429
CIELab	94.93, -3.48, 22.48
CIELCh	95, 22.747, 98.789
Yxy	87.4496, 0.3472, 0.3734
Android (android.graphics.Color)	4294701509 (0xFFFBF1C5)
YUV	238.9740, -20.6932, 10.5468
Hunter-Lab	93.5145, -8.4297, 23.9736

Details

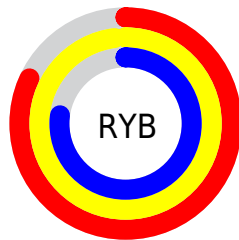
The YIQ color $238.9740, 20.0840, -11.5640$ is a light color, and the websafe version is hex $FFFFCC$. A complement of this color would be $209.0260, -20.0840, 11.5640$, and the grayscale version is $239.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $254.8860, 0.3210, -0.3110$, and $182.9030, 18.8460, -11.1540$ is the 20% darker color. If you saturate the color by 10%, you get $233.1890, 29.4840, -16.7240$, and if you desaturate by 10%, it is $244.7590, 10.6840, -6.4040$.

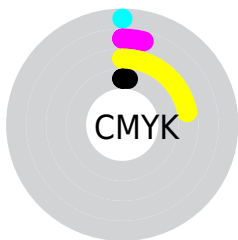
Distribution



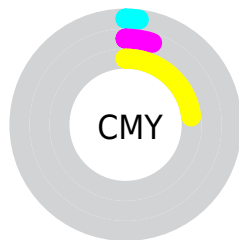
- Red (98%)
- Green (95%)
- Blue (77%)



- Red (82%)
- Yellow (98%)
- Blue (77%)



- Cyan (0%)
- Magenta (4%)
- Yellow (22%)
- Black (2%)



- Cyan (2%)
- Magenta (5%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 238.9740, 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 238.9740, 20.0840, -11.5640 by changing the saturation by 10% instead.

238.9740, 20.0840,
-11.5640

238.9740, 20.0840,
-11.5640

255.0000, -0.0000,
-0.0000

210.7890, 19.1670,
-11.4650

254.8860, 0.3210,
-0.3110

182.9030, 18.8460,
-11.1540

156.0170, 18.5250,
-10.8430

129.8320, 17.6080,
-10.7440

104.7610, 16.3700,
-10.3340

80.5760, 15.4530,
-10.2350

57.3910, 14.5360,

-10.1360

■ 35.1630, 15.1780,
-10.7580

■ 15.6490, 5.1820,
-5.8100

■ 238.9740, 20.0840,
-11.5640

■ 238.9740, 20.0840,
-11.5640

■ 233.1890, 29.4840,
-16.7240

■ 244.7590, 10.6840,
-6.4040

■ 227.9910, 38.6090,
-22.4070

■ 249.9570, 1.5590,
-0.7210

■ 222.2060, 48.0090,
-27.5670

■ 253.8040, -2.3840,
-0.8480

■ 216.4210, 57.4090,
-32.7270

■ 211.2230, 66.5340,
-38.4100

■ 205.3240, 76.2550,
-43.8810

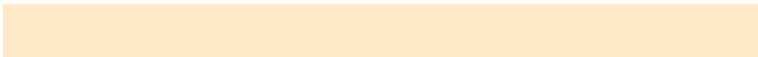
■ 199.5390, 85.6550,
-49.0410

■ 195.3840, 93.2210,
-54.0030

Harmonies

Analogous

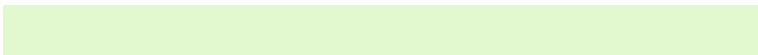
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



236.4030, 23.4300, -6.1220



238.9740, 20.0840, -11.5640



236.6340, 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.



238.9740, 20.0840, -11.5640



231.7110, -42.0870, -13.6950



238.5640, 7.7000, 14.6440

Complementary

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



238.9740, 20.0840, -11.5640



209.0260, -20.0840, 11.5640

Split Complementary

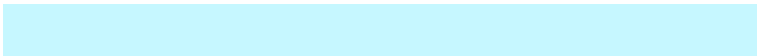
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



241.4880, 4.8580, 11.0820



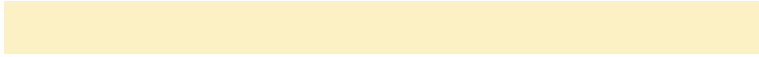
238.9740, 20.0840, -11.5640



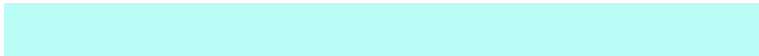
233.2610, -31.7720, -7.9000

Square

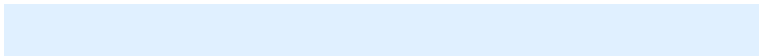
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



238.9740, 20.0840, -11.5640



231.8700, -38.2810, -16.5930



236.9260, -14.3510, 1.2730



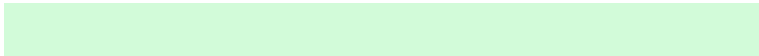
235.1100, 14.6700, 9.4700

Rectangle

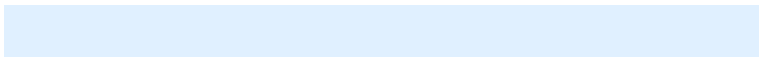
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



238.9740, 20.0840, -11.5640



234.8650, -13.5220, -19.2660



236.9260, -14.3510, 1.2730



239.7380, 7.1500, 13.5980

Sweetspot

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



238.9740, 20.0840, -11.5640



251.5290, 5.6400, -3.0960



214.4000, 28.6530, 14.8690



125.8000, 3.4390, -1.7530



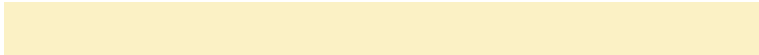
0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000

Same Dimension

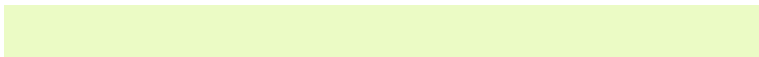
The Same Dimension uses a secret algorithm to generate beautiful new colors.



238.9740, 20.0840, -11.5640



240.4320, 24.4860, -14.2500



240.0600, 7.7980, -20.1860



122.3440, 4.7230, -2.9970



146.9090, 70.2940, -40.4740



47.5890, 22.6060, -13.2180

Inverse Universe

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



209.0260, -20.0840, 11.5640



203.5680, -24.4860, 14.2500



207.9400, -7.7980, 20.1860



115.2430, -4.9980, 2.4740



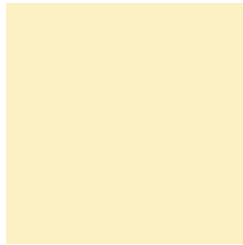
42.0910, -70.2940, 40.4740



13.4110, -22.6060, 13.2180

Previews

White Background



This preview shows how the YIQ color 238.9740, 20.0840, -11.5640 looks on a white background.

Color Contrast Check

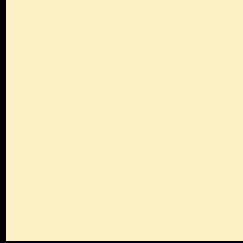
Large Text (above 18pt) WCAG AA × Fail

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 238.9740, 20.0840, -11.5640 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

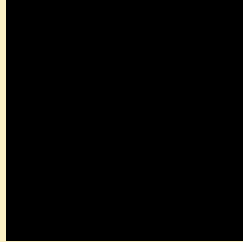
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 238.9740, 20.0840, -11.5640

Background



This preview shows how black text looks on a background with the YIQ color 238.9740, 20.0840, -11.5640.



This preview shows how white text looks on a background with the YIQ color 238.9740, 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

238.9740, 20.0840, -11.5640

Protanopia

239.1700, 22.4680, -10.7160

Deuteranopia

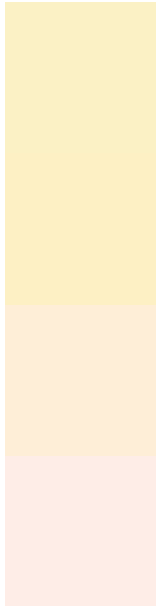
241.1280, 14.2590, 0.3950



Tritanopia

242.6900, 7.1050, 8.9050

Trichromacy



Original Color

238.9740, 20.0840, -11.5640

Protanomaly

238.8710, 21.8720, -10.9280

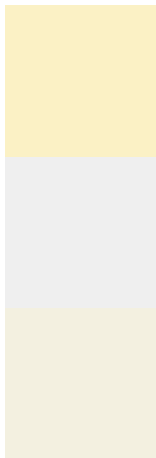
Deuteranomaly

240.1620, 16.9190, -3.7610

Tritanomaly

241.3990, 12.0580, 1.7380

Monochromacy



Original Color

238.9740, 20.0840, -11.5640

Achromatopsia

239.0000, -0.0000, -0.0000

Achromatomaly

239.0730, 6.9240, -4.3400

CSS Examples

Text

The CSS property to change the color of the text to YIQ 238.9740, 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(251, 241, 197)` looks like.

```
.text, #text, p{  
    color:rgb(251, 241, 197)  
}
```

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(251, 241, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 241, 197) }
```

Border

The CSS property to change the border of an element to YIQ 238.9740, 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(251, 241, 197) }
```


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

```
.border{ border-color:rgb(251, 241, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 241, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 241, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 241, 197);  
box-shadow:4px 4px 4px 4px rgb(251, 241,  
197) }
```

Background

The CSS property to change the background color of an element to YIQ 238.9740, 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(251, 241, 197) }
```

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

```
.background{ background-color: rgb(251,  
241, 197) }
```

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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