

Converting Colors

YIQ(227.7040, 3.3490, -11.1390)

Have a look what the booklet for
YIQ(227.7040, 3.3490, -11.1390)
contains.

YIQ(227.7040, 3.3490, -11.1390)	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(227.7040, 3.3490,
-11.1390)**

Conversions

Conversions Part 1

Format	Color
Hex	E0EACD
RGB	224, 234, 205
RGB Percent	88%, 92%, 80%
CMY	0.1216, 0.0823, 0.1960
CMYK	0.04, 0.00, 0.12, 0.08
HSL	81°, 41%, 86%
HSV	81°, 12%, 92%
XYZ	71.1817, 79.1018, 69.2799
YIQ	227.7040, 3.3490, -11.1390

Conversions

Conversions Part 2

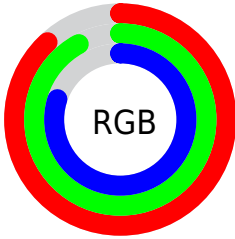
Format	Color
R _Y B	205, 234, 215
Decimal	14740173
CIE Lab	91.28, -8.36, 12.95
CIE LCh	91, 15.408, 122.837
Yxy	79.1018, 0.3242, 0.3603
Android (android.graphics.Color)	4292930253 (0xFFE0EACD)
YUV	227.7040, -11.1931, -3.2484
Hunter-Lab	88.9392, -12.7827, 16.0730

Details

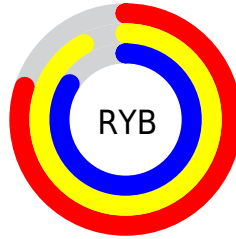
The YIQ color $227.7040, 3.3490, -11.1390$ is a light color, and the websafe version is hex $FFFCC$. A complement of this color would be $211.2960, -3.3490, 11.1390$, and the grayscale version is $228.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $172.2310, 3.3030, -10.3050$ is the 20% darker color. If you saturate the color by 10%, you get $222.6900, 5.9640, -19.9880$, and if you desaturate by 10%, it is $232.7180, 0.7340, -2.2900$.

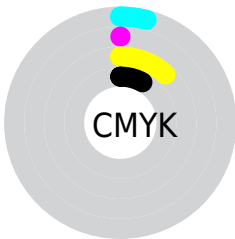
Distribution



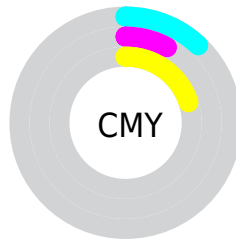
- Red (88%)
- Green (92%)
- Blue (80%)



- Red (80%)
- Yellow (92%)
- Blue (84%)



- Cyan (4%)
- Magenta (0%)
- Yellow (12%)
- Black (8%)



- Cyan (12%)
- Magenta (8%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 227.7040, 3.3490, -11.1390 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 227.7040, 3.3490, -11.1390 by changing the saturation by 10% instead.

■ 227.7040, 3.3490,
-11.1390

■ 227.7040, 3.3490,
-11.1390

255.0000, -0.0000,
-0.0000

■ 199.8180, 3.0280,
-10.8280

■ 172.2310, 3.3030,
-10.3050

■ 145.9320, 2.7070,
-10.5170

■ 120.3450, 2.9820,
-9.9940

■ 95.4590, 2.6610,
-9.6830

■ 71.5730, 2.3400,
-9.3720

■ 49.1000, 2.2940,

-8.5380

■ 27.8720, 2.9360,
-9.1600

■ 5.2830, -2.4750,
-4.7070

■ 227.7040, 3.3490,
-11.1390

■ 227.7040, 3.3490,
-11.1390

■ 222.6900, 5.9640,
-19.9880

■ 232.7180, 0.7340,
-2.2900

■ 217.5620, 8.9000,
-29.1480

■ 237.8460, -2.2020,
6.8700

■ 212.5480, 11.5150,
-37.9970

■ 240.5800, 1.6030,
9.4990

■ 207.4200, 14.4510,
-47.1570

■ 242.6730, 5.7750,
10.9830

■ 202.4060, 17.0660,
-56.0060

■ 197.0930, 19.0850,
-65.0670

■ 191.9650, 22.0210,
-74.2270

■ 186.9510, 24.6360,
-83.0760

■ 183.1050, 26.8380,
-89.9460

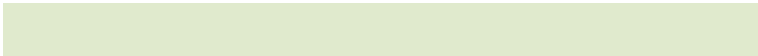
Harmonies

Analogous

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



229.3960, 16.1400, -6.1640



227.7040, 3.3490, -11.1390



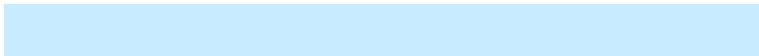
225.9350, -10.5430, -12.6790

Triad

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



227.7040, 3.3490, -11.1390



226.8150, -27.2800, -1.2000



231.4910, 17.9710, 10.2190

Complementary

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



227.7040, 3.3490, -11.1390



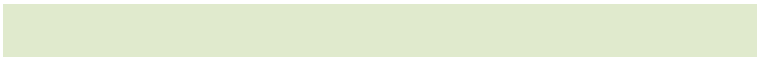
211.2960, -3.3490, 11.1390

Split Complementary

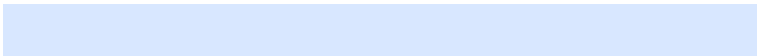
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



233.1790, 10.2220, 12.9900



227.7040, 3.3490, -11.1390



229.2510, -16.6440, 4.2840

Square

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



227.7040, 3.3490, -11.1390



225.3430, -29.0670, -7.3630



231.9970, -3.9450, 10.9270



230.4820, 22.1900, 5.3420

Rectangle

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



227.7040, 3.3490, -11.1390



225.5580, -19.6670, -12.5230



231.9970, -3.9450, 10.9270



232.0610, 16.3660, 11.7740

Sweetspot

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



227.7040, 3.3490, -11.1390



252.6640, 0.8260, -3.9580



219.5410, 14.5340, 0.9180



126.3050, 0.4590, -2.8130



0.0000, 0.0000, 0.0000



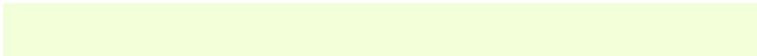
128.0000, -0.0000, -0.0000

Same Dimension

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



227.7040, 3.3490, -11.1390



246.7810, 4.4500, -14.5740



223.5180, -4.9950, -14.1070



114.5500, 1.1470, -4.2690



141.5290, 20.5530, -69.6470



42.1630, 6.0100, -20.8220

Inverse Universe

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



211.2960, -3.3490, 11.1390



225.2190, -4.4500, 14.5740



215.4820, 4.9950, 14.1070



108.4500, -1.1470, 4.2690



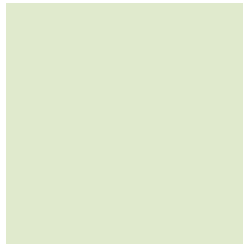
39.4710, -20.5530, 69.6470



11.8370, -6.0100, 20.8220

Previews

White Background



This preview shows how the YIQ color 227.7040, 3.3490, -11.1390 looks on a white background.

Color Contrast Check

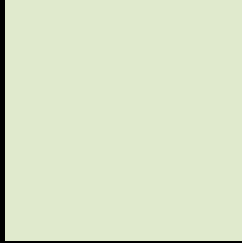
Large Text (above 18pt) WCAG AA × Fail

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 227.7040, 3.3490, -11.1390 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

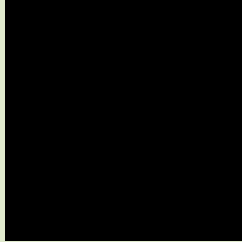
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

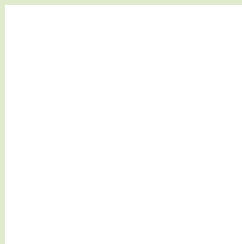
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 227.7040, 3.3490, -11.1390

Background



This preview shows how black text looks on a background with the YIQ color 227.7040, 3.3490, -11.1390.



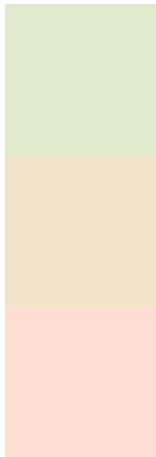
This preview shows how white text looks on a background with the YIQ color 227.7040, 3.3490, -11.1390.

-11.1390.

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

227.7040, 3.3490, -11.1390

Protanopia

229.2110, 15.2230, -6.0650

Deuteranopia

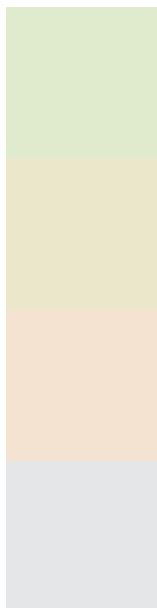
231.3140, 22.6030, 3.3630



Tritanopia

230.6500, -4.5860, 6.0220

Trichromacy



Original Color

227.7040, 3.3490, -11.1390

Protanomaly

228.7050, 10.7760, -8.0720

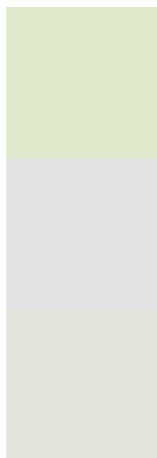
Deuteranomaly

230.0310, 15.9100, -1.9940

Tritanomaly

229.5160, -1.5130, -0.1130

Monochromacy



Original Color

227.7040, 3.3490, -11.1390

Achromatopsia

228.0000, 0.0000, 0.0000

Achromatomaly

227.9630, 1.4220, -3.7460

CSS Examples

Text

The CSS property to change the color of the text to YIQ 227.7040, 3.3490, -11.1390 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(224, 234, 205)` looks like.

```
.text, #text, p{  
    color:rgb(224, 234, 205)  
}
```

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(224, 234, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 234, 205) }
```

Border

The CSS property to change the border of an element to YIQ 227.7040, 3.3490, -11.1390 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(224, 234, 205) }
```


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

```
.border{ border-color:rgb(224, 234, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 234, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 234, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 234, 205);  
box-shadow:4px 4px 4px 4px rgb(224, 234,  
205) }
```

Background

The CSS property to change the background color of an element to YIQ 227.7040, 3.3490, -11.1390 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 234, 205) }
```

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

```
.background{ background-color: rgb(224,  
234, 205) }
```

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