

Converting Colors

YIQ(230.7080, 22.7480,
-37.8280)

Have a look what the booklet for
YIQ(230.7080, 22.7480, -37.8280)
contains.

YIQ(230.7080, 22.7480, -37.8280)	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(230.7080, 22.7480,
-37.8280)**

Conversions

Conversions Part 1

Format	Color
Hex	E5F98D
RGB	229, 249, 141
RGB Percent	90%, 98%, 55%
CMY	0.1021, 0.0235, 0.4469
CMYK	0.08, 0.00, 0.43, 0.02
HSL	71°, 90%, 76%
HSV	71°, 43%, 98%
XYZ	70.9930, 86.3340, 38.1390
YIQ	230.7080, 22.7480, -37.8280

Conversions

Conversions Part 2

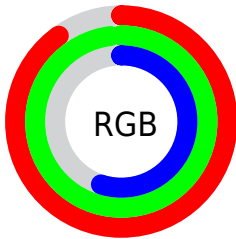
Format	Color
RYB	141, 249, 161
Decimal	15071629
CIELab	94.45, -22.44, 49.46
CIELCh	94, 54.310, 114.406
Yxy	86.3340, 0.3632, 0.4417
Android (android.graphics.Color)	4293261709 (0xFFE5F98D)
YUV	230.7080, -44.2260, -1.4979
Hunter-Lab	92.9161, -26.2194, 40.7047

Details

The YIQ color **230.7080, 22.7480, -37.8280** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **159.2920, -22.7480, 37.8280**, and the grayscale version is **231.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **248.2740, 18.9390, -18.3490**, and **174.7510, 21.1890, -37.1070** is the 20% darker color. If you saturate the color by 10%, you get **226.3630, 27.7930, -46.6630**, and if you desaturate by 10%, it is **235.0530, 17.7030, -28.9930**.

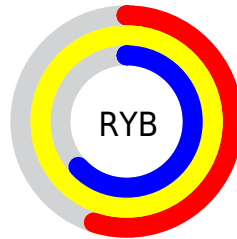
Distribution



Red (90%)

Green (98%)

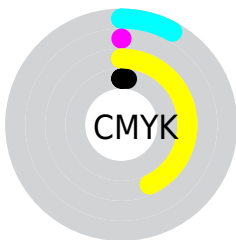
Blue (55%)



Red (55%)

Yellow (98%)

Blue (63%)

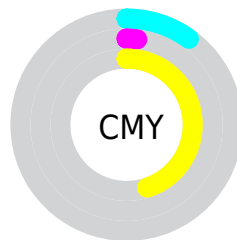


Cyan (8%)

Magenta (0%)

Yellow (43%)

Black (2%)



Cyan (10%)

Magenta (2%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 230.7080, 22.7480, -37.8280 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 230.7080, 22.7480, -37.8280 by changing the saturation by 10% instead.

230.7080, 22.7480,
-37.8280

230.7080, 22.7480,
-37.8280

255.0000, -0.0000,
-0.0000

201.9360, 22.1060,
-37.2060

248.2740, 18.9390,
-18.3490

174.7510, 21.1890,
-37.1070

251.5800, 9.6300,
-9.3300

146.9790, 20.5470,
-36.4850

254.8860, 0.3210,
-0.3110

120.6800, 19.9510,
-36.6970

94.3550, 22.2440,
-39.7080

71.6780, 14.2650,
-32.7670

50.7020, 5.6900,

-26.0380

■ 29.1280, -4.0770,
-19.7330

■ 14.0880, -6.6000,
-12.5520

■ 230.7080, 22.7480,
-37.8280

■ 230.7080, 22.7480,
-37.8280

■ 226.3630, 27.7930,
-46.6630

■ 235.0530, 17.7030,
-28.9930

■ 222.3170, 33.4340,
-55.2860

■ 239.0990, 12.0620,
-20.3700

■ 217.9720, 38.4790,
-64.1210

■ 243.4440, 7.0170,
-11.5350

■ 213.6270, 43.5240,
-72.9560

■ 247.4900, 1.3760,
-2.9120

■ 209.6950, 48.8440,
-81.2680

■ 250.5810, -0.1380,
2.5020

■ 206.8600, 52.5130,
-87.1910

■ 251.4780, 1.6500,
3.1380

Harmonies

Analogous

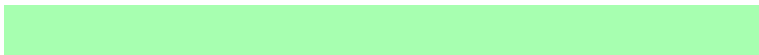
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



228.1780, 45.2120, -26.4360



230.7080, 22.7480, -37.8280



219.6820, -27.0890, -43.2250

Triad

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



230.7080, 22.7480, -37.8280



178.7550, -151.9800, -54.0600



221.0850, 16.9590, 28.5670

Complementary

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



230.7080, 22.7480, -37.8280



159.2920, -22.7480, 37.8280

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.



228.5850, 12.3750, 23.5350



230.7080, 22.7480, -37.8280



215.3210, -67.5320, -20.6200

Square

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



230.7080, 22.7480, -37.8280



178.7550, -151.9800, -54.0600



232.2630, -7.7500, 8.2980



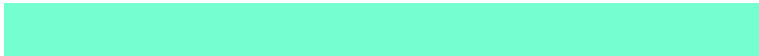
216.2170, 33.4220, 11.0380

Rectangle

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



230.7080, 22.7480, -37.8280



208.4940, -67.4820, -43.5620



232.2630, -7.7500, 8.2980



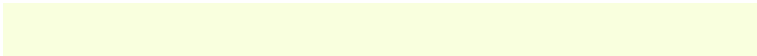
223.3020, 14.8500, 28.2420

Sweetspot

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



230.7080, 22.7480, -37.8280



249.4440, 7.0170, -11.5350



185.0320, 58.8680, 12.4360



124.4100, 4.3570, -7.3790



0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000

Same Dimension

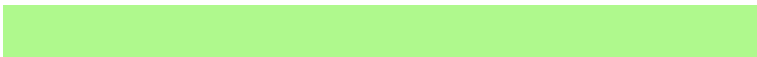
The Same Dimension uses a secret algorithm to generate beautiful new colors.



230.7080, 22.7480, -37.8280



232.3630, 27.7930, -46.6630



214.5620, -9.4360, -49.2760



122.9200, 2.9810, -4.4670



156.9890, 39.8090, -66.1990



50.7570, 13.0250, -21.3030

Inverse Universe

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



159.2920, -22.7480, 37.8280



144.6370, -27.7930, 46.6630



175.4380, 9.4360, 49.2760



114.3790, -2.3850, 4.6790



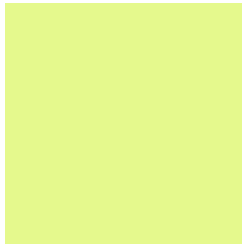
32.0110, -39.8090, 66.1990



10.2430, -13.0250, 21.3030

Previews

White Background



This preview shows how the YIQ color 230.7080, 22.7480, -37.8280 looks on a white background.

Color Contrast Check

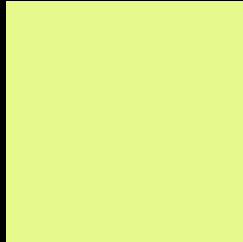
Large Text (above 18pt) WCAG AA × Fail

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 230.7080, 22.7480, -37.8280 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 230.7080, 22.7480, -37.8280

Background



This preview shows how black text looks on a background with the YIQ color 230.7080, 22.7480, -37.8280.



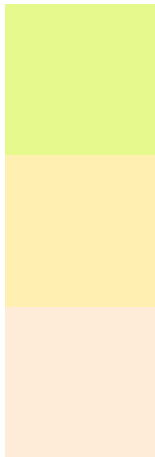
This preview shows how white text looks on a background with the YIQ color 230.7080, 22.7480,

-37.8280.

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

230.7080, 22.7480, -37.8280

Protanopia

236.6020, 29.7590, -16.2010

Deuteranopia

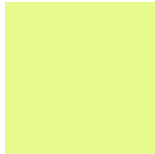
239.4010, 17.7440, -2.1920



Tritanopia

240.1450, -1.6060, 7.0820

Trichromacy



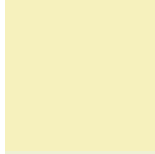
Original Color

230.7080, 22.7480, -37.8280



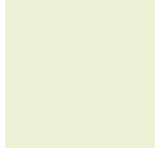
Protanomaly

234.7770, 27.4680, -24.2440



Deuteranomaly

236.5670, 19.6720, -15.1120



Tritanomaly

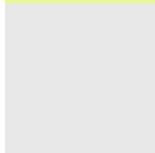
236.9110, 7.2000, -9.3440

Monochromacy



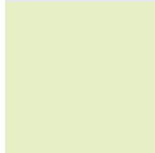
Original Color

230.7080, 22.7480, -37.8280



Achromatopsia

231.0000, -0.0000, -0.0000



Achromatomaly

231.0480, 8.0720, -14.1360

CSS Examples

Text

The CSS property to change the color of the text to YIQ 230.7080, 22.7480, -37.8280 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(229, 249, 141)` looks like.

```
.text, #text, p{  
    color:rgb(229, 249, 141)  
}
```

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(229, 249, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 249, 141) }
```

Border

The CSS property to change the border of an element to YIQ 230.7080, 22.7480, -37.8280 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(229, 249, 141) }
```


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

```
.border{ border-color:rgb(229, 249, 141) }
```

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

Here you see how a box with a 4 pixel rgb(229, 249, 141) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 249, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 249, 141);  
box-shadow:4px 4px 4px 4px rgb(229, 249,  
141) }
```

Background

The CSS property to change the background color of an element to YIQ 230.7080, 22.7480, -37.8280 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 249, 141) }
```

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

```
.background{ background-color: rgb(229,  
249, 141) }
```

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