

Converting Colors

YIQ(239.7100, 20.4070,
-22.9290)

Have a look what the booklet for
YIQ(239.7100, 20.4070, -22.9290)
contains.

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Color

**YIQ(239.7100, 20.4070,
-22.9290)**

Conversions

Conversions Part 1

Format	Color
Hex	F5F9B2
RGB	245, 249, 178
RGB Percent	96%, 98%, 70%
CMY	0.0393, 0.0235, 0.3018
CMYK	0.02, 0.00, 0.29, 0.02
HSL	63°, 86%, 84%
HSV	63°, 29%, 98%
XYZ	79.5669, 90.3780, 55.3888
YIQ	239.7100, 20.4070, -22.9290

Conversions

Conversions Part 2

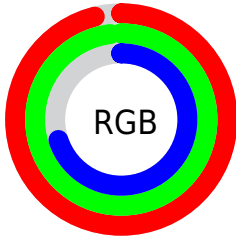
Format	Color
R_{YB}	178, 249, 182
Decimal	16120242
CIE _{Lab}	96.15, -12.19, 33.71
CIE _{LCh}	96, 35.848, 109.876
Yxy	90.3780, 0.3531, 0.4011
Android (android.graphics.Color)	4294310322 (0xFFFF5F9B2)
YUV	239.7100, -30.4230, 4.6393
Hunter-Lab	95.0674, -16.9718, 32.0032

Details

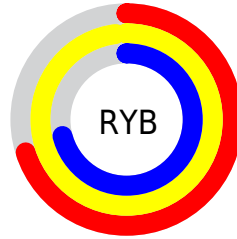
The YIQ color $239.7100, 20.4070, -22.9290$ is a light color, and the websafe version is hex $FFFFCC$. A complement of this color would be $187.2900, -20.4070, 22.9290$, and the grayscale version is $240.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $252.6060, 6.7410, -6.5310$, and $183.7530, 18.8480, -22.2080$ is the 20% darker color. If you saturate the color by 10%, you get $236.5610, 27.8360, -30.9160$, and if you desaturate by 10%, it is $242.8590, 12.9780, -14.9420$.

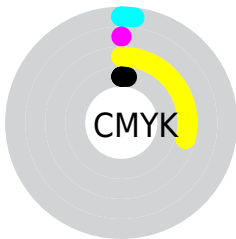
Distribution



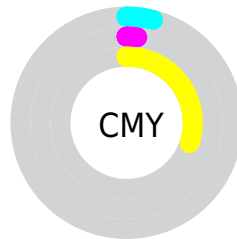
- Red (96%)
- Green (98%)
- Blue (70%)



- Red (70%)
- Yellow (98%)
- Blue (71%)



- Cyan (2%)
- Magenta (0%)
- Yellow (29%)
- Black (2%)



- Cyan (4%)
- Magenta (2%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 239.7100, 20.4070, -22.9290 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 239.7100, 20.4070, -22.9290 by changing the saturation by 10% instead.

239.7100, 20.4070,
-22.9290

239.7100, 20.4070,
-22.9290

255.0000, -0.0000,
-0.0000

210.9380, 19.7650,
-22.3070

252.6060, 6.7410,
-6.5310

183.7530, 18.8480,
-22.2080

156.5680, 17.9310,
-22.1090

130.2090, 17.5640,
-20.9640

105.0240, 16.6470,
-20.8650

79.8390, 15.7300,
-20.7660

56.3120, 15.7760,

-21.6000

■ 36.2930, 8.7600,
-15.5920

■ 14.9850, -4.8120,
-11.9160

■ 239.7100, 20.4070,
-22.9290

■ 239.7100, 20.4070,
-22.9290

■ 236.5610, 27.8360,
-30.9160

■ 242.8590, 12.9780,
-14.9420

■ 233.1130, 34.6690,
-39.1150

■ 246.3070, 6.1450,
-6.7430

■ 229.9640, 42.0980,
-47.1020

■ 249.4560, -1.2840,
1.2440

■ 226.5160, 48.9310,
-55.3010

■ 250.2820, -0.7340,
2.2900

■ 223.4810, 56.0390,
-62.9770

■ 250.5810, -0.1380,
2.5020

■ 220.3320, 63.4680,
-70.9640

■ 250.8800, 0.4580,
2.7140

■ 216.8840, 70.3010,
-79.1630

■ 251.4780, 1.6500,
3.1380

■ 216.4280, 71.5850,
-80.4070

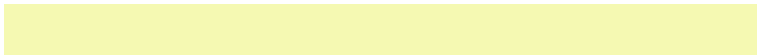
Harmonies

Analogous

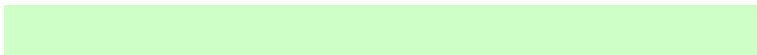
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



236.0150, 30.0340, -15.6780



239.7100, 20.4070, -22.9290



233.5520, -11.5030, -28.3270

Triad

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



239.7100, 20.4070, -22.9290



222.1100, -65.5600, -23.3200



234.4550, 9.6250, 18.3050

Complementary

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



239.7100, 20.4070, -22.9290



187.2900, -20.4070, 22.9290

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.



238.5640, 7.7000, 14.6440



239.7100, 20.4070, -22.9290



231.1240, -41.8120, -13.1720

Square

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



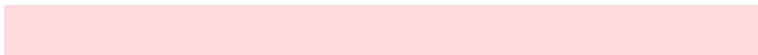
239.7100, 20.4070, -22.9290



220.6150, -68.5400, -24.3800



239.0300, -8.7120, 3.7040



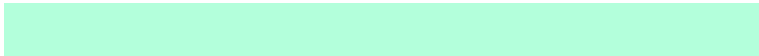
230.1060, 20.4930, 8.5650

Rectangle

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



239.7100, 20.4070, -22.9290



228.1720, -33.7400, -27.3080



239.0300, -8.7120, 3.7040



235.0420, 9.3500, 17.7820

Sweetspot

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



239.7100, 20.4070, -22.9290



252.0790, 6.7870, -7.3650



201.5770, 41.2160, 12.9600



125.9910, 4.2190, -4.8770



0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000

Same Dimension

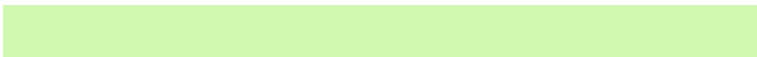
The Same Dimension uses a secret algorithm to generate beautiful new colors.



239.7100, 20.4070, -22.9290



243.5870, 24.9470, -28.1170



229.2450, -0.4530, -30.3490



123.2190, 3.5770, -4.2550



164.1650, 54.1130, -61.1110



53.1490, 17.7930, -19.6070

Inverse Universe

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



187.2900, -20.4070, 22.9290



179.4130, -24.9470, 28.1170



197.7550, 0.4530, 30.3490



113.7810, -3.5770, 4.2550



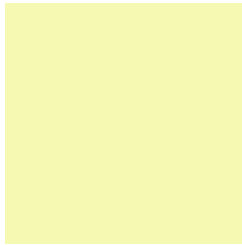
24.8350, -54.1130, 61.1110



7.8510, -17.7930, 19.6070

Previews

White Background



This preview shows how the YIQ color 239.7100, 20.4070, -22.9290 looks on a white background.

Color Contrast Check

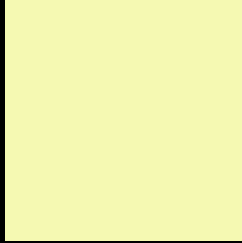
Large Text (above 18pt) WCAG AA × Fail

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 239.7100, 20.4070, -22.9290 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

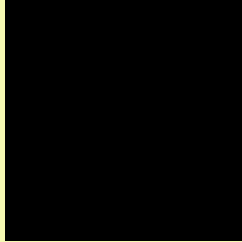
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 239.7100, 20.4070, -22.9290

Background



This preview shows how black text looks on a background with the YIQ color 239.7100, 20.4070, -22.9290.



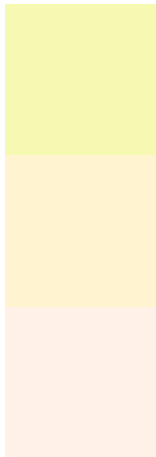
This preview shows how white text looks on a background with the YIQ color 239.7100, 20.4070, -22.9290.

-22.9290.

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

239.7100, 20.4070, -22.9290

Protanopia

243.0710, 18.4330, -9.1750

Deuteranopia

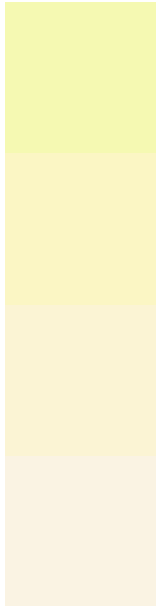
244.0460, 11.5540, -0.1420



Tritanopia

245.5970, 2.9330, 7.4210

Trichromacy



Original Color

239.7100, 20.4070, -22.9290

Protanomaly

241.7950, 19.0300, -14.4900

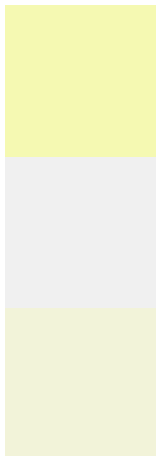
Deuteranomaly

242.4450, 14.4440, -8.4680

Tritanomaly

243.2690, 9.3080, -3.4920

Monochromacy



Original Color

239.7100, 20.4070, -22.9290

Achromatopsia

240.0000, -0.0000, -0.0000

Achromatomaly

239.7370, 7.7500, -8.2980

CSS Examples

Text

The CSS property to change the color of the text to YIQ 239.7100, 20.4070, -22.9290 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(245, 249, 178)` looks like.

```
.text, #text, p{  
    color:rgb(245, 249, 178)  
}
```

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(245, 249, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 249, 178) }
```

Border

The CSS property to change the border of an element to YIQ 239.7100, 20.4070, -22.9290 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(245, 249, 178) }
```


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

```
.border{ border-color:rgb(245, 249, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 249, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 249, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 249, 178);  
box-shadow:4px 4px 4px 4px rgb(245, 249,  
178) }
```

Background

The CSS property to change the background color of an element to YIQ 239.7100, 20.4070, -22.9290 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 249, 178) }
```

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

```
.background{ background-color: rgb(245,  
249, 178) }
```

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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