

Converting Colors

YIQ(239.1050, 11.9250,
-23.3950)

Have a look what the booklet for
YIQ(239.1050, 11.9250, -23.3950)
contains.

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Color

**YIQ(239.1050, 11.9250,
-23.3950)**

Conversions

Conversions Part 1

Format	Color
Hex	ECFBBA
RGB	236, 251, 186
RGB Percent	93%, 98%, 73%
CMY	0.0746, 0.0156, 0.2705
CMYK	0.06, 0.00, 0.26, 0.02
HSL	74°, 89%, 86%
HSV	74°, 26%, 98%
XYZ	77.9503, 90.3740, 59.8038
YIQ	239.1050, 11.9250, -23.3950

Conversions

Conversions Part 2

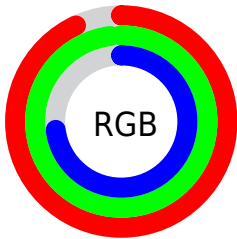
Format	Color
RYB	186, 251, 201
Decimal	15530938
CIELab	96.15, -15.39, 29.58
CIELCh	96, 33.342, 117.497
Yxy	90.3740, 0.3417, 0.3962
Android (android.graphics.Color)	4293721018 (0xFFEFCBBA)
YUV	239.1050, -26.1808, -2.7231
Hunter-Lab	95.0652, -20.0001, 29.2474

Details

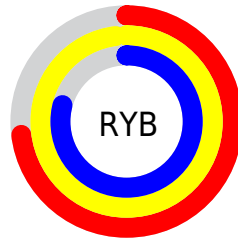
The YIQ color $239.1050, 11.9250, -23.3950$ is a light color, and the websafe version is hex $FFFFCC$. A complement of this color would be $197.8950, -11.9250, 23.3950$, and the grayscale version is $239.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $253.5180, 4.1730, -4.0430$, and $182.7460, 11.5580, -22.2500$ is the 20% darker color. If you saturate the color by 10%, you get $234.4610, 16.3740, -32.4420$, and if you desaturate by 10%, it is $243.7490, 7.4760, -14.3480$.

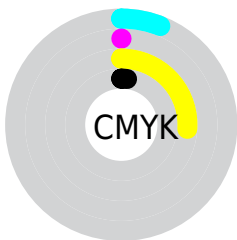
Distribution



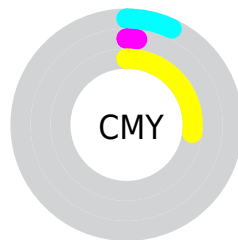
- Red (93%)
- Green (98%)
- Blue (73%)



- Red (73%)
- Yellow (98%)
- Blue (79%)



- Cyan (6%)
- Magenta (0%)
- Yellow (26%)
- Black (2%)



- Cyan (7%)
- Magenta (2%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 239.1050, 11.9250, -23.3950 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 239.1050, 11.9250, -23.3950 by changing the saturation by 10% instead.

■ 239.1050, 11.9250,
-23.3950

■ 239.1050, 11.9250,
-23.3950

■ 255.0000, -0.0000,
-0.0000

■ 210.3330, 11.2830,
-22.7730

■ 253.5180, 4.1730,
-4.0430

■ 182.7460, 11.5580,
-22.2500

■ 155.6750, 10.3200,
-21.8400

■ 129.7890, 9.9990,
-21.5290

■ 104.0170, 9.3570,
-20.9070

■ 80.1310, 9.0360,
-20.5960

■ 56.2450, 8.7150,

-20.2850

■ 35.3850, 5.5050,
-17.1750

■ 15.2620, -7.1500,
-13.5980

■ 239.1050, 11.9250,
-23.3950

■ 239.1050, 11.9250,
-23.3950

■ 234.4610, 16.3740,
-32.4420

■ 243.7490, 7.4760,
-14.3480

■ 229.8170, 20.8230,
-41.4890

■ 248.3930, 3.0270,
-5.3010

■ 225.4720, 25.8680,
-50.3240

■ 252.0540, -0.0920,
1.6680

■ 220.8280, 30.3170,
-59.3710

■ 252.6520, 1.1000,
2.0920

■ 216.1840, 34.7660,
-68.4180

■ 211.4260, 39.5360,
-77.7760

■ 206.7820, 43.9850,
-86.8230

■ 205.0440, 46.0030,
-90.3570

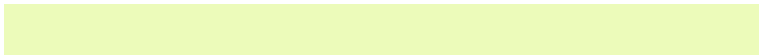
Harmonies

Analogous

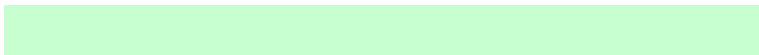
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



238.2320, 27.9250, -16.0030



239.1050, 11.9250, -23.3950



232.8980, -18.2890, -26.4890

Triad

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



239.1050, 11.9250, -23.3950



227.1930, -55.4280, -19.7160



234.2440, 11.5970, 15.6050

Complementary

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



239.1050, 11.9250, -23.3950



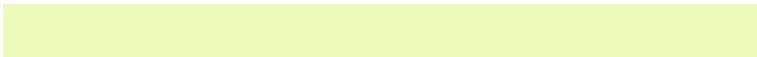
197.8950, -11.9250, 23.3950

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.



237.9770, 7.9750, 15.1670



239.1050, 11.9250, -23.3950



234.4460, -30.8550, -7.9990

Square

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



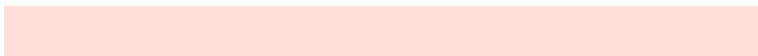
239.1050, 11.9250, -23.3950



223.0070, -63.7720, -22.6840



241.4440, -1.0100, 7.2940



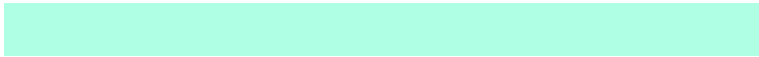
231.1830, 21.5940, 5.1300

Rectangle

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



239.1050, 11.9250, -23.3950



228.1160, -39.3340, -25.0460



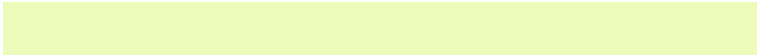
241.4440, -1.0100, 7.2940



235.6290, 9.0750, 17.2590

Sweetspot

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



239.1050, 11.9250, -23.3950



251.2250, 3.4400, -7.2800



213.6530, 34.8900, 6.4580



125.6210, 2.3850, -4.6790



0.0000, 0.0000, 0.0000



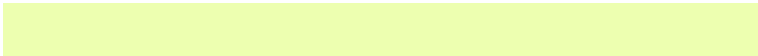
128.0000, -0.0000, -0.0000

Same Dimension

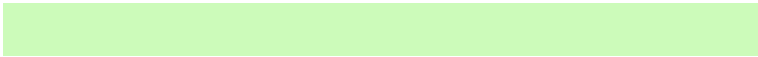
The Same Dimension uses a secret algorithm to generate beautiful new colors.



239.1050, 11.9250, -23.3950



240.6120, 14.6310, -28.3850



229.5370, -7.1470, -30.1790



122.6210, 2.3850, -4.6790



154.2980, 34.4450, -68.1070



49.8600, 11.2370, -21.9390

Inverse Universe

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



197.8950, -11.9250, 23.3950



190.3880, -14.6310, 28.3850



207.4630, 7.1470, 30.1790



114.3790, -2.3850, 4.6790



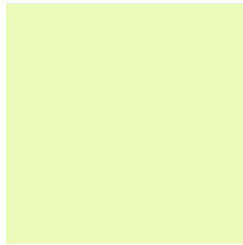
34.7020, -34.4450, 68.1070



11.1400, -11.2370, 21.9390

Previews

White Background



This preview shows how the YIQ color 239.1050, 11.9250, -23.3950 looks on a white background.

Color Contrast Check

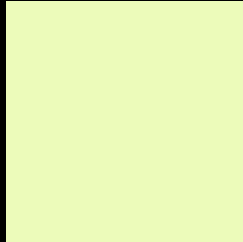
Large Text (above 18pt) WCAG AA × Fail

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 239.1050, 11.9250, -23.3950 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

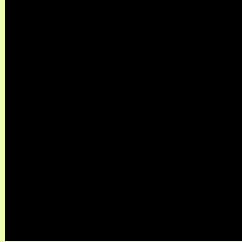
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

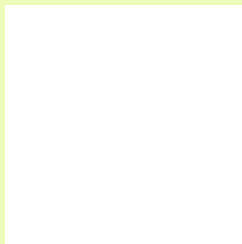
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 239.1050, 11.9250, -23.3950

Background



This preview shows how black text looks on a background with the YIQ color 239.1050, 11.9250, -23.3950.



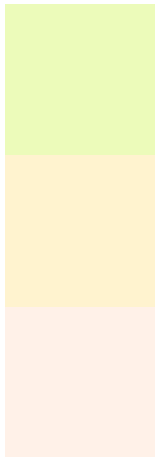
This preview shows how white text looks on a background with the YIQ color 239.1050, 11.9250, -23.3950.

-23.3950.

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

239.1050, 11.9250, -23.3950

Protanopia

242.4840, 18.7080, -8.6520

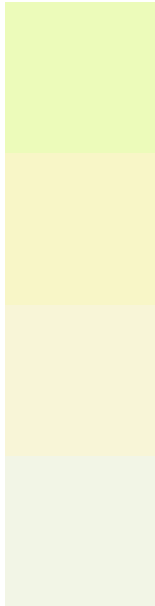
Deuteranopia

244.1600, 11.2330, 0.1690

Tritanopia

244.3790, -2.3850, 4.6790

Trichromacy



Original Color

239.1050, 11.9250, -23.3950

Protanomaly

241.2400, 16.2790, -14.1930

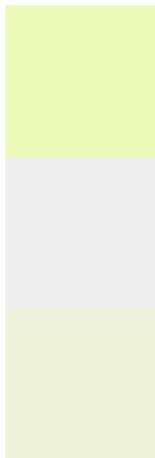
Deuteranomaly

242.4770, 11.4180, -8.6940

Tritanomaly

242.3930, 3.0270, -5.3010

Monochromacy



Original Color

239.1050, 11.9250, -23.3950

Achromatopsia

239.0000, -0.0000, -0.0000

Achromatomaly

238.8830, 4.4030, -8.2130

CSS Examples

Text

The CSS property to change the color of the text to YIQ 239.1050, 11.9250, -23.3950 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(236, 251, 186)` looks like.

```
.text, #text, p{  
    color:rgb(236, 251, 186)  
}
```

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(236, 251, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 251, 186) }
```

Border

The CSS property to change the border of an element to YIQ 239.1050, 11.9250, -23.3950 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(236, 251, 186) }
```


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

```
.border{ border-color:rgb(236, 251, 186) }
```

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

Here you see how a box with a 4 pixel rgb(236, 251, 186) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 251, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 251, 186);  
box-shadow:4px 4px 4px 4px rgb(236, 251,  
186) }
```

Background

The CSS property to change the background color of an element to YIQ 239.1050, 11.9250, -23.3950 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 251, 186) }
```

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

```
.background{ background-color: rgb(236,  
251, 186) }
```

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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