

Converting Colors

YIQ(239.1150, 15.1330,
-15.4510)

Have a look what the booklet for
YIQ(239.1150, 15.1330, -15.4510)
contains.

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Color

**YIQ(239.1150, 15.1330,
-15.4510)**

Conversions

Conversions Part 1

Format	Color
Hex	F4F5C4
RGB	244, 245, 196
RGB Percent	96%, 96%, 77%
CMY	0.0432, 0.0392, 0.2313
CMYK	0.00, 0.00, 0.20, 0.04
HSL	61°, 71%, 86%
HSV	61°, 20%, 96%
XYZ	79.9245, 88.5232, 65.1137
YIQ	239.1150, 15.1330, -15.4510

Conversions

Conversions Part 2

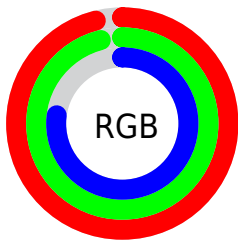
Format	Color
R_{YB}	196, 245, 197
Decimal	16053700
CIE _{Lab}	95.38, -8.15, 23.54
CIE _{LCh}	95, 24.908, 109.107
Yxy	88.5232, 0.3422, 0.3790
Android (android.graphics.Color)	4294243780 (0xFFFF4F5C4)
YUV	239.1150, -21.2557, 4.2841
Hunter-Lab	94.0868, -13.0204, 24.8285

Details

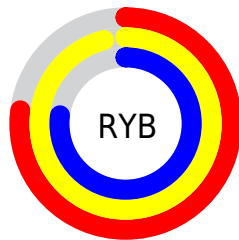
The YIQ color $239.1150, 15.1330, -15.4510$ is a light color, and the websafe version is hex $FFFCC$. A complement of this color would be $201.8850, -15.1330, 15.4510$, and the grayscale version is $239.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $254.7720, 0.6420, -0.6220$, and $183.0440, 13.8950, -15.0410$ is the 20% darker color. If you saturate the color by 10%, you get $236.0800, 22.2410, -23.1270$, and if you desaturate by 10%, it is $241.9650, 7.1080, -7.6760$.

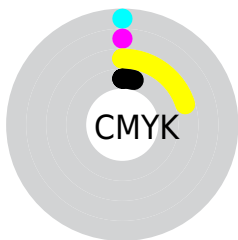
Distribution



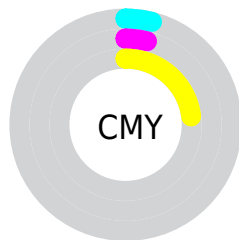
- Red (96%)
- Green (96%)
- Blue (77%)



- Red (77%)
- Yellow (96%)
- Blue (77%)



- Cyan (0%)
- Magenta (0%)
- Yellow (20%)
- Black (4%)



- Cyan (4%)
- Magenta (4%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 239.1150, 15.1330, -15.4510 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 239.1150, 15.1330, -15.4510 by changing the saturation by 10% instead.

■ 239.1150, 15.1330,
-15.4510

■ 239.1150, 15.1330,
-15.4510

255.0000, -0.0000,
-0.0000

■ 210.9300, 14.2160,
-15.3520

254.7720, 0.6420,
-0.6220

■ 183.0440, 13.8950,
-15.0410

■ 156.1580, 13.5740,
-14.7300

■ 130.2720, 13.2530,
-14.4190

■ 104.6140, 12.2900,
-13.4860

■ 80.4290, 11.3730,
-13.3870

■ 57.2440, 10.4560,

-13.2880

■ 35.4290, 11.3730,
-13.3870

■ 15.0180, -0.4110,
-9.0750

■ 239.1150, 15.1330,
-15.4510

■ 239.1150, 15.1330,
-15.4510

■ 236.0800, 22.2410,
-23.1270

■ 241.9650, 7.1080,
-7.6760

■ 233.2300, 30.2660,
-30.9020

■ 245.0000, -0.0000,
0.0000

■ 230.1950, 37.3740,
-38.5780

■ 246.4390, -2.6140,
3.3220

■ 227.3450, 45.3990,
-46.3530

■ 246.7380, -2.0180,
3.5340

■ 224.3100, 52.5070,
-54.0290

■ 247.0370, -1.4220,
3.7460

■ 221.4600, 60.5320,
-61.8040

■ 247.3360, -0.8260,
3.9580

■ 218.4250, 67.6400,
-69.4800

■ 215.5750, 75.6650,
-77.2550

Harmonies

Analogous

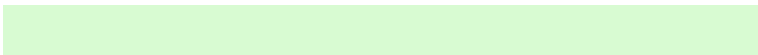
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



237.5940, 24.2100, -9.2460



239.1150, 15.1330, -15.4510



235.8610, -7.6990, -20.1710

Triad

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



239.1150, 15.1330, -15.4510



231.7000, -43.5540, -14.6420



237.6350, 8.9380, 14.2340

Complementary

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



239.1150, 15.1330, -15.4510



201.8850, -15.1330, 15.4510

Split Complementary

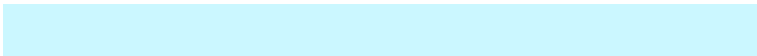
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



240.9120, 6.6000, 12.5520



239.1150, 15.1330, -15.4510



234.7560, -28.7920, -6.8400

Square

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



239.1150, 15.1330, -15.4510



231.6780, -46.4880, -16.5360



239.6280, -7.5200, 4.1280



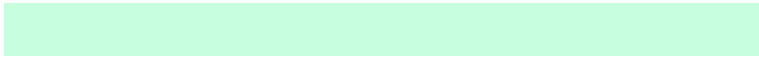
234.1980, 17.2380, 6.9820

Rectangle

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



239.1150, 15.1330, -15.4510



234.1350, -23.1500, -20.9900



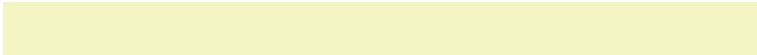
239.6280, -7.5200, 4.1280



238.5640, 7.7000, 14.6440

Sweetspot

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



239.1150, 15.1330, -15.4510



253.2900, 4.8150, -4.6650



211.2380, 28.9290, 9.8650



126.6750, 2.2930, -3.0110



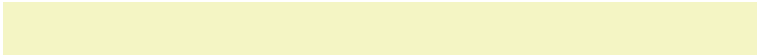
0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000

Same Dimension

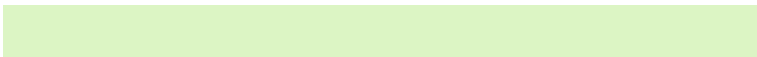
The Same Dimension uses a secret algorithm to generate beautiful new colors.



239.1150, 15.1330, -15.4510



247.7470, 18.9850, -19.1830



231.9390, 0.8290, -20.5390



120.6320, 3.8520, -3.7320



163.6000, 57.3220, -58.6940



51.6760, 17.7470, -18.7730

Inverse Universe

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



201.8850, -15.1330, 15.4510



201.2530, -18.9850, 19.1830



209.0610, -0.8290, 20.5390



111.3680, -3.8520, 3.7320



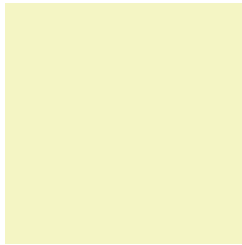
22.4000, -57.3220, 58.6940



7.0250, -18.3430, 18.5610

Previews

White Background



This preview shows how the YIQ color 239.1150, 15.1330, -15.4510 looks on a white background.

Color Contrast Check

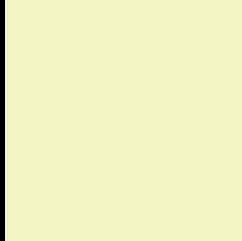
Large Text (above 18pt) WCAG AA × Fail

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 239.1150, 15.1330, -15.4510 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

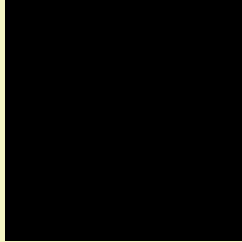
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

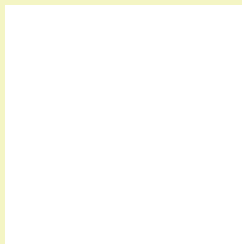
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 239.1150, 15.1330, -15.4510

Background



This preview shows how black text looks on a background with the YIQ color 239.1150, 15.1330, -15.4510.



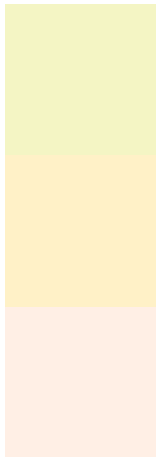
This preview shows how white text looks on a background with the YIQ color 239.1150, 15.1330, -15.4510.

-15.4510.

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

239.1150, 15.1330, -15.4510

Protanopia

240.3980, 21.8260, -10.0940

Deuteranopia

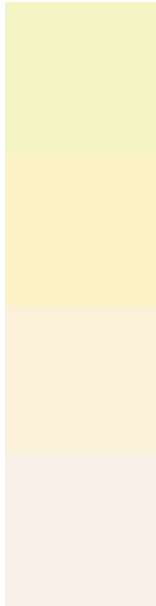
242.6440, 12.7460, 0.2820



Tritanopia

243.5370, 3.1620, 8.7780

Trichromacy



Original Color

239.1150, 15.1330, -15.4510

Protanomaly

239.6750, 19.4880, -11.7760

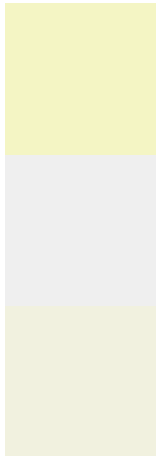
Deuteranomaly

241.2540, 13.6640, -5.3440

Tritanomaly

242.0070, 7.2900, 0.0420

Monochromacy



Original Color

239.1150, 15.1330, -15.4510

Achromatopsia

239.0000, -0.0000, -0.0000

Achromatomaly

238.9480, 5.7780, -5.5980

CSS Examples

Text

The CSS property to change the color of the text to YIQ 239.1150, 15.1330, -15.4510 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(244, 245, 196)` looks like.

```
.text, #text, p{  
    color:rgb(244, 245, 196)  
}
```

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(244, 245, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 245, 196) }
```

Border

The CSS property to change the border of an element to YIQ 239.1150, 15.1330, -15.4510 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(244, 245, 196) }
```


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

```
.border{ border-color:rgb(244, 245, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 245, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 245, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 245, 196);  
box-shadow:4px 4px 4px 4px rgb(244, 245,  
196) }
```

Background

The CSS property to change the background color of an element to YIQ 239.1150, 15.1330, -15.4510 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 245, 196) }
```

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

```
.background{ background-color: rgb(244,  
245, 196) }
```

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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