

Converting Colors

YIQ(231.9150, 9.4040, -27.2680)

Have a look what the booklet for
YIQ(231.9150, 9.4040, -27.2680)
contains.

YIQ(231.9150, 9.4040, -27.2680)	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(231.9150, 9.4040,
-27.2680)**

Conversions

Conversions Part 1

Format	Color
Hex	E0F7AF
RGB	224, 247, 175
RGB Percent	88%, 97%, 69%
CMY	0.1217, 0.0313, 0.3136
CMYK	0.09, 0.00, 0.29, 0.03
HSL	79°, 82%, 83%
HSV	79°, 29%, 97%
XYZ	71.7365, 85.4666, 53.2855
YIQ	231.9150, 9.4040, -27.2680

Conversions

Conversions Part 2

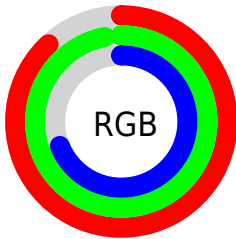
Format	Color
RYB	175, 247, 198
Decimal	14743471
CIELab	94.08, -19.26, 32.19
CIELCh	94, 37.514, 120.896
Yxy	85.4666, 0.3408, 0.4060
Android (android.graphics.Color)	4292933551 (0xFFE0F7AF)
YUV	231.9150, -28.0591, -6.9415
Hunter-Lab	92.4482, -23.2747, 30.5400

Details

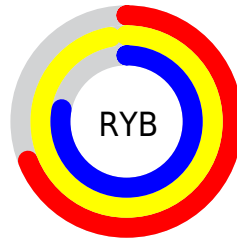
The YIQ color $231.9150, 9.4040, -27.2680$ is a light color, and the websafe version is hex $FFFFCC$. A complement of this color would be $190.0850, -9.4040, 27.2680$, and the grayscale version is $232.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $252.2640, 7.7040, -7.4640$, and $176.2570, 8.4410, -26.3350$ is the 20% darker color. If you saturate the color by 10%, you get $226.6730, 12.6610, -36.7390$, and if you desaturate by 10%, it is $237.1570, 6.1470, -17.7970$.

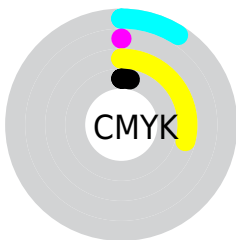
Distribution



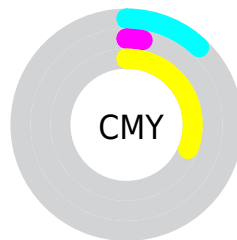
- Red (88%)
- Green (97%)
- Blue (69%)



- Red (69%)
- Yellow (97%)
- Blue (78%)



- Cyan (9%)
- Magenta (0%)
- Yellow (29%)
- Black (3%)



- Cyan (12%)
- Magenta (3%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 231.9150, 9.4040, -27.2680 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 231.9150, 9.4040, -27.2680 by changing the saturation by 10% instead.

■ 231.9150, 9.4040,
-27.2680

■ 231.9150, 9.4040,
-27.2680

255.0000, -0.0000,
-0.0000

■ 203.4420, 9.3580,
-26.4340

■ 252.2640, 7.7040,
-7.4640

■ 176.2570, 8.4410,
-26.3350

■ 149.4850, 7.7990,
-25.7130

■ 123.0120, 7.7530,
-24.8790

■ 98.1260, 7.4320,
-24.5680

■ 73.3540, 6.7900,
-23.9460

■ 49.8270, 6.8360,

-24.7800

■ 30.3350, -0.2260,
-17.9380

■ 13.5010, -6.3250,
-12.0290

■ 231.9150, 9.4040,
-27.2680

■ 231.9150, 9.4040,
-27.2680

■ 226.6730, 12.6610,
-36.7390

■ 237.1570, 6.1470,
-17.7970

■ 221.5450, 15.5970,
-45.8990

■ 242.2850, 3.2110,
-8.6370

■ 216.3030, 18.8540,
-55.3700

■ 247.5270, -0.0460,
0.8340

■ 211.0610, 22.1110,
-64.8410

■ 250.3040, 2.2000,
4.1840

■ 205.9330, 25.0470,
-74.0010

■ 200.9900, 28.9000,
-83.2600

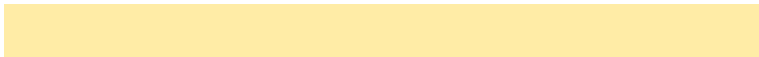
■ 195.7480, 32.1570,
-92.7310

■ 195.2210, 32.2030,
-93.5650

Harmonies

Analogous

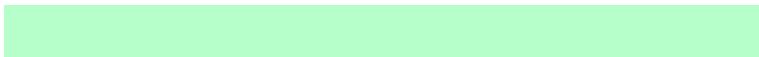
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



233.7010, 33.7940, -17.7420



231.9150, 9.4040, -27.2680



227.1310, -26.4950, -31.9590

Triad

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



231.9150, 9.4040, -27.2680



219.4630, -65.0560, -21.4400



227.2340, 17.5570, 17.7250

Complementary

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



231.9150, 9.4040, -27.2680



190.0850, -9.4040, 27.2680

Split Complementary

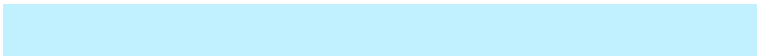
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



232.6940, 10.4500, 19.8740



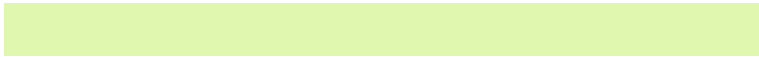
231.9150, 9.4040, -27.2680



228.2440, -33.1020, -5.8220

Square

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



231.9150, 9.4040, -27.2680



215.5320, -78.6720, -27.9840



236.1610, 1.4650, 12.0010



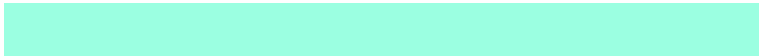
225.0050, 27.9670, 5.2710

Rectangle

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



231.9150, 9.4040, -27.2680



221.6800, -49.9700, -30.5300



236.1610, 1.4650, 12.0010



229.3030, 13.1090, 21.2450

Sweetspot

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



231.9150, 9.4040, -27.2680



250.2850, 3.2110, -8.6370



210.0290, 36.5870, 3.2350



124.7950, 1.8350, -5.7250



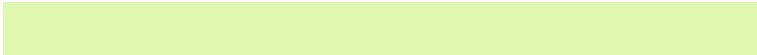
0.0000, 0.0000, 0.0000



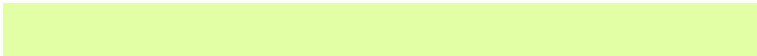
128.0000, -0.0000, -0.0000

Same Dimension

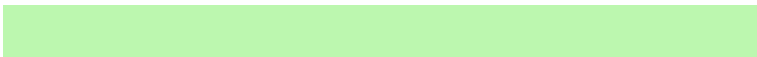
The Same Dimension uses a secret algorithm to generate beautiful new colors.



231.9150, 9.4040, -27.2680



236.1830, 11.2850, -33.8270



221.1510, -12.0520, -34.9000



119.4360, 1.4680, -4.5800



147.1550, 24.5420, -70.3540



46.5930, 7.6150, -22.3770

Inverse Universe

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



190.0850, -9.4040, 27.2680



184.5180, -11.8810, 33.6150



200.8490, 12.0520, 34.9000



112.5640, -1.4680, 4.5800



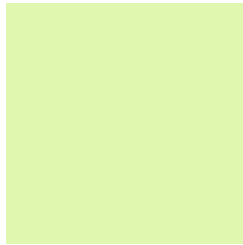
39.1440, -23.9460, 70.5660



12.4070, -7.6150, 22.3770

Previews

White Background



This preview shows how the YIQ color 231.9150, 9.4040, -27.2680 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 231.9150, 9.4040, -27.2680 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

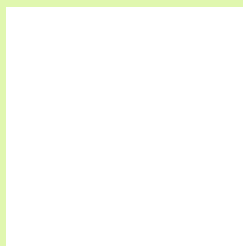
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 231.9150, 9.4040, -27.2680

Background



This preview shows how black text looks on a background with the YIQ color 231.9150, 9.4040, -27.2680.



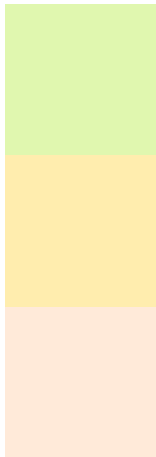
This preview shows how white text looks on a background with the YIQ color 231.9150, 9.4040, -27.2680.

-27.2680.

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

231.9150, 9.4040, -27.2680

Protanopia

235.2000, 30.9510, -15.7770

Deuteranopia

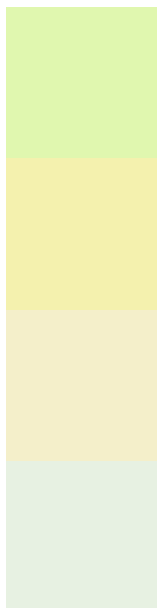
238.3410, 17.9730, -0.8350



Tritanopia

238.4540, -6.9700, 5.1740

Trichromacy



Original Color

231.9150, 9.4040, -27.2680

Protanomaly

234.2590, 23.2950, -20.2010

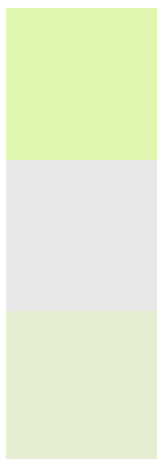
Deuteranomaly

236.2770, 14.8570, -10.4470

Tritanomaly

236.3000, -1.1450, -6.7850

Monochromacy



Original Color

231.9150, 9.4040, -27.2680

Achromatopsia

232.0000, -0.0000, 0.0000

Achromatomaly

231.6440, 3.5780, -9.7820

CSS Examples

Text

The CSS property to change the color of the text to YIQ 231.9150, 9.4040, -27.2680 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, 247, 175)` looks like.

```
.text, #text, p{  
    color:rgb(224, 247, 175)  
}
```

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, 247, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 247, 175) }
```

Border

The CSS property to change the border of an element to YIQ 231.9150, 9.4040, -27.2680 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, 247, 175) }
```


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

```
.border{ border-color:rgb(224, 247, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 247, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 247, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 247, 175);  
box-shadow:4px 4px 4px 4px rgb(224, 247,  
175) }
```

Background

The CSS property to change the background color of an element to YIQ 231.9150, 9.4040, -27.2680 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 247, 175) }
```

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

```
.background{ background-color: rgb(224,  
247, 175) }
```

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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