

Converting Colors

YIQ(239.0960, 8.1170, -9.4430)

Have a look what the booklet for
YIQ(239.0960, 8.1170, -9.4430)
contains.

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Color

**YIQ(239.0960, 8.1170,
-9.4430)**

Conversions

Conversions Part 1

Format	Color
Hex	F1F3D6
RGB	241, 243, 214
RGB Percent	95%, 95%, 84%
CMY	0.0549, 0.0470, 0.1607
CMYK	0.01, 0.00, 0.12, 0.05
HSL	64°, 55%, 90%
HSV	64°, 12%, 95%
XYZ	80.4638, 87.6571, 76.3063
YIQ	239.0960, 8.1170, -9.4430

Conversions

Conversions Part 2

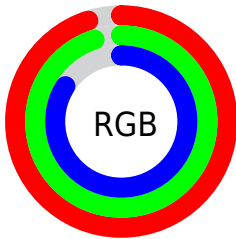
Format	Color
R _Y B	214, 243, 216
Decimal	15856598
CIE Lab	95.02, -5.52, 13.76
CIE LCh	95, 14.825, 111.872
Yxy	87.6571, 0.3292, 0.3586
Android (android.graphics.Color)	4294046678 (0xFFFF1F3D6)
YUV	239.0960, -12.3723, 1.6698
Hunter-Lab	93.6254, -10.4374, 17.2154

Details

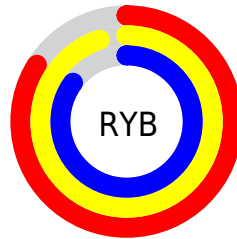
The YIQ color $239.0960, 8.1170, -9.4430$ is a light color, and the websafe version is hex `FFFFCC`. A complement of this color would be $217.9040, -8.1170, 9.4430$, and the grayscale version is $239.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $183.2100, 7.7960, -9.1320$ is the 20% darker color. If you saturate the color by 10%, you get $235.7620, 14.6290, -17.3310$, and if you desaturate by 10%, it is $242.4300, 1.6050, -1.5550$.

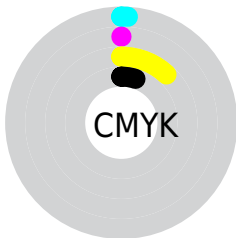
Distribution



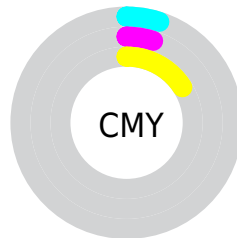
- Red (95%)
- Green (95%)
- Blue (84%)



- Red (84%)
- Yellow (95%)
- Blue (85%)



- Cyan (1%)
- Magenta (0%)
- Yellow (12%)
- Black (5%)



- Cyan (5%)
- Magenta (5%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 239.0960, 8.1170, -9.4430 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 239.0960, 8.1170, -9.4430 by changing the saturation by 10% instead.

239.0960, 8.1170,
-9.4430

239.0960, 8.1170,
-9.4430

255.0000, -0.0000,
-0.0000

211.0960, 8.1170,
-9.4430

183.2100, 7.7960,
-9.1320

156.3240, 7.4750,
-8.8210

130.4380, 7.1540,
-8.5100

105.1390, 6.5580,
-8.7220

80.6660, 6.5120,
-7.8880

57.7800, 6.1910,

-7.5770

■ 36.0080, 5.5490,
-6.9550

■ 15.0400, 2.5230,
-7.1810

■ 239.0960, 8.1170,
-9.4430

■ 239.0960, 8.1170,
-9.4430

■ 235.7620, 14.6290,
-17.3310

■ 242.4300, 1.6050,
-1.5550

■ 232.6130, 22.0580,
-25.3180

■ 244.6670, -3.2560,
3.9440

■ 229.2790, 28.5700,
-33.2060

■ 245.2650, -2.0640,
4.3680

■ 225.9450, 35.0820,
-41.0940

■ 245.8630, -0.8720,
4.7920

■ 222.9100, 42.1900,
-48.7700

■ 246.1620, -0.2760,
5.0040

■ 219.4620, 49.0230,
-56.9690

■ 246.7600, 0.9160,
5.4280

■ 216.1280, 55.5350,
-64.8570

■ 247.3580, 2.1080,
5.8520

■ 213.0930, 62.6430,
-72.5330

■ 247.6570, 2.7040,
6.0640

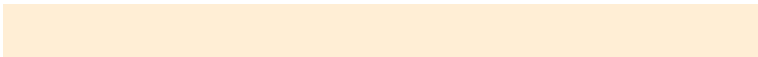
■ 210.2150, 67.8710,
-79.1770

■ 247.9560, 3.3000,
6.2760

Harmonies

Analogous

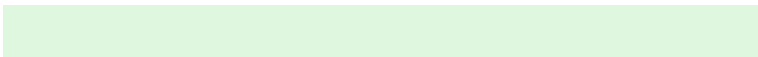
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



240.2330, 18.1570, -4.1710



239.0960, 8.1170, -9.4430



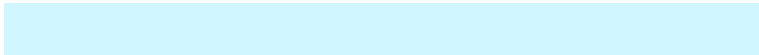
237.3870, -6.0040, -12.3400

Triad

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



239.0960, 8.1170, -9.4430



236.2510, -25.8120, -5.7800



239.7720, 9.8100, 9.4420

Complementary

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



239.0960, 8.1170, -9.4430



217.9040, -8.1170, 9.4430

Split Complementary

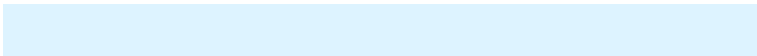
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



242.6730, 5.7750, 10.9830



239.0960, 8.1170, -9.4430



237.7900, -16.9640, -0.9320

Square

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



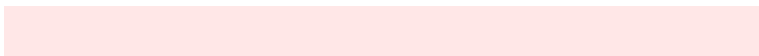
239.0960, 8.1170, -9.4430



236.0720, -26.8660, -8.7060



240.2370, -4.8610, 5.4990



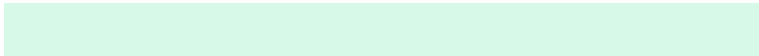
238.1760, 14.3040, 5.0880

Rectangle

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



239.0960, 8.1170, -9.4430



236.7820, -14.4860, -12.8060



240.2370, -4.8610, 5.4990



240.9290, 7.9300, 10.4740

Sweetspot

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



239.0960, 8.1170, -9.4430



253.5610, 2.6140, -3.3220



223.8450, 16.7340, 5.1020



126.9030, 1.6510, -2.3890



0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000

Same Dimension

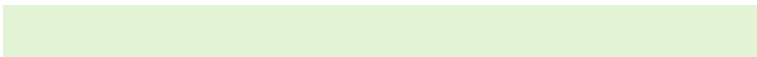
The Same Dimension uses a secret algorithm to generate beautiful new colors.



239.0960, 8.1170, -9.4430



250.2980, 10.3640, -11.6200



234.9100, -0.2270, -12.4110



120.6320, 3.8520, -3.7320



160.9090, 51.9580, -60.6020



51.0780, 16.5550, -19.1970

Inverse Universe

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



217.9040, -8.1170, 9.4430



224.0010, -9.7680, 11.8320



222.0900, 0.2270, 12.4110



111.6670, -3.2560, 3.9440



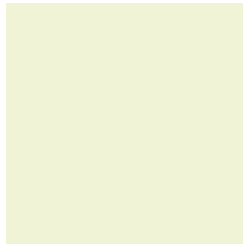
25.0910, -51.9580, 60.6020



7.9220, -16.5550, 19.1970

Previews

White Background



This preview shows how the YIQ color 239.0960, 8.1170, -9.4430 looks on a white background.

Color Contrast Check

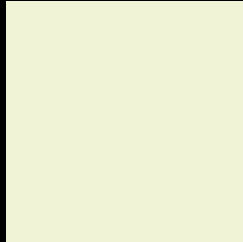
Large Text (above 18pt) WCAG AA × Fail

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 239.0960, 8.1170, -9.4430 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

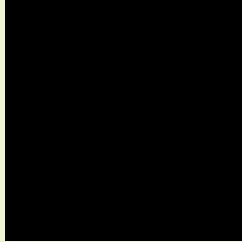
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

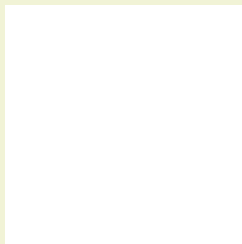
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 239.0960, 8.1170, -9.4430

Background



This preview shows how black text looks on a background with the YIQ color 239.0960, 8.1170, -9.4430.



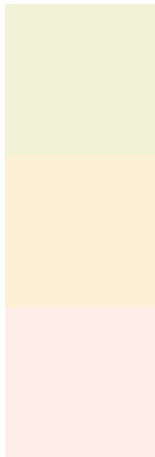
This preview shows how white text looks on a background with the YIQ color 239.0960, 8.1170, -9.4430.

-9.4430.

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

239.0960, 8.1170, -9.4430

Protanopia

240.0970, 15.5440, -6.3760

Deuteranopia

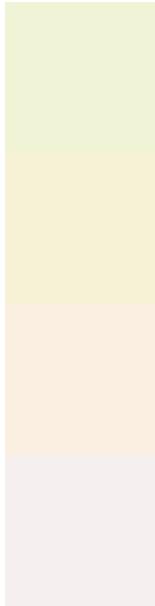
241.6980, 12.6540, 1.9500



Tritanopia

242.0420, 0.1820, 7.7180

Trichromacy



Original Color

239.0960, 8.1170, -9.4430

Protanomaly

239.6020, 12.5640, -7.4360

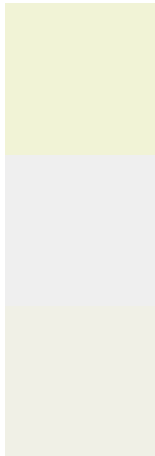
Deuteranomaly

240.6930, 11.0500, -2.0220

Tritanomaly

240.9080, 3.2550, 1.5830

Monochromacy



Original Color

239.0960, 8.1170, -9.4430

Achromatopsia

239.0000, -0.0000, -0.0000

Achromatomaly

238.8600, 3.2100, -3.1100

CSS Examples

Text

The CSS property to change the color of the text to YIQ 239.0960, 8.1170, -9.4430 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(241, 243, 214)` looks like.

```
.text, #text, p{  
    color:rgb(241, 243, 214)  
}
```

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(241, 243, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 243, 214) }
```

Border

The CSS property to change the border of an element to YIQ 239.0960, 8.1170, -9.4430 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(241, 243, 214) }
```


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

```
.border{ border-color:rgb(241, 243, 214) }
```

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

Here you see how a box with a 4 pixel rgb(241, 243, 214) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 243, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 243, 214);  
box-shadow:4px 4px 4px 4px rgb(241, 243,  
214) }
```

Background

The CSS property to change the background color of an element to YIQ 239.0960, 8.1170, -9.4430 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 243, 214) }
```

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

```
.background{ background-color: rgb(241,  
243, 214) }
```

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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