

Converting Colors

YIQ(231.8460, 23.0200,
-20.7240)

Have a look what the booklet for
YIQ(231.8460, 23.0200, -20.7240)
contains.

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Color

**YIQ(231.8460, 23.0200,
-20.7240)**

Conversions

Conversions Part 1

Format	Color
Hex	F1EFAB
RGB	241, 239, 171
RGB Percent	95%, 94%, 67%
CMY	0.0549, 0.0627, 0.3293
CMYK	0.00, 0.01, 0.29, 0.05
HSL	58°, 71%, 81%
HSV	58°, 29%, 95%
XYZ	74.4927, 83.3732, 50.7129
YIQ	231.8460, 23.0200, -20.7240

Conversions

Conversions Part 2

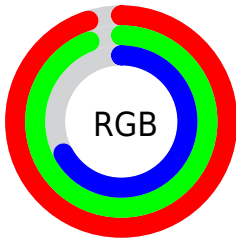
Format	Color
RYB	173, 241, 171
Decimal	15855531
CIELab	93.18, -9.60, 33.21
CIElCh	93, 34.567, 106.123
Yxy	83.3732, 0.3571, 0.3997
Android (android.graphics.Color)	4294045611 (0xFFF1EFAB)
YUV	231.8460, -29.9971, 8.0281
Hunter-Lab	91.3089, -14.1645, 30.9866

Details

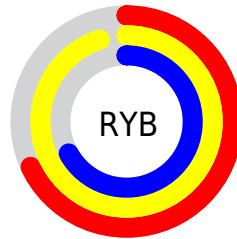
The YIQ color $231.8460, 23.0200, -20.7240$ is a light color, and the websafe version is hex $FFFFCC$. A complement of this color would be $180.1540, -23.0200, 20.7240$, and the grayscale version is $232.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $251.8080, 8.9880, -8.7080$, and $175.8890, 21.4610, -20.0030$ is the 20% darker color. If you saturate the color by 10%, you get $228.5230, 30.9990, -27.6650$, and if you desaturate by 10%, it is $235.1690, 15.0410, -13.7830$.

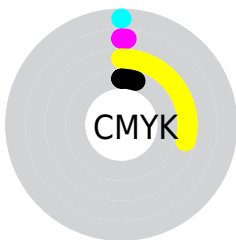
Distribution



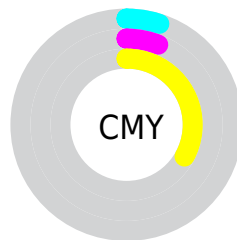
- Red (95%)
- Green (94%)
- Blue (67%)



- Red (68%)
- Yellow (95%)
- Blue (67%)



- Cyan (0%)
- Magenta (1%)
- Yellow (29%)
- Black (5%)



- Cyan (5%)
- Magenta (6%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 231.8460, 23.0200, -20.7240 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 231.8460, 23.0200, -20.7240 by changing the saturation by 10% instead.

■ 231.8460, 23.0200,
-20.7240

■ 231.8460, 23.0200,
-20.7240

255.0000, -0.0000,
-0.0000

■ 203.6610, 22.1030,
-20.6250

■ 251.8080, 8.9880,
-8.7080

■ 175.8890, 21.4610,
-20.0030

■ 149.1170, 20.8190,
-19.3810

■ 122.9320, 19.9020,
-19.2820

■ 97.8610, 18.6640,
-18.8720

■ 73.5620, 18.0680,
-19.0840

■ 50.4910, 16.8300,

-18.6740

■ 31.2870, 8.8970,
-12.5670

■ 9.9790, -4.6750,
-8.8910

■ 231.8460, 23.0200,
-20.7240

■ 231.8460, 23.0200,
-20.7240

■ 228.5230, 30.9990,
-27.6650

■ 235.1690, 15.0410,
-13.7830

■ 225.7870, 38.7030,
-35.1290

■ 237.9050, 7.3370,
-6.3190

■ 222.4640, 46.6820,
-42.0700

■ 241.2280, -0.6420,
0.6220

■ 219.1410, 54.6610,
-49.0110

■ 243.1830, -4.7690,
3.8310

■ 216.4050, 62.3650,
-56.4750

■ 243.7700, -5.0440,
3.3080

■ 212.9680, 70.6650,
-63.7270

■ 244.3570, -5.3190,
2.7850

■ 209.6450, 78.6440,
-70.6680

■ 244.9440, -5.5940,
2.2620

■ 209.4170, 79.2860,
-71.2900

Harmonies

Analogous

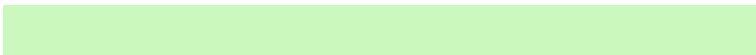
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



229.5750, 34.3890, -12.0030



231.8460, 23.0200, -20.7240



227.7050, -7.5600, -28.2000

Triad

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



231.8460, 23.0200, -20.7240



217.9680, -68.0360, -22.5000



230.0040, 12.5130, 21.0330

Complementary

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



231.8460, 23.0200, -20.7240



180.1540, -23.0200, 20.7240

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.



235.0420, 9.3500, 17.7820



231.8460, 23.0200, -20.7240



223.1390, -46.1680, -11.3200

Square

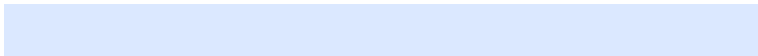
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



231.8460, 23.0200, -20.7240



219.2020, -68.8150, -24.9030



230.7350, -15.1310, 4.3970



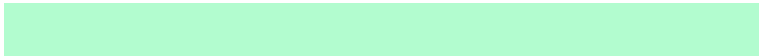
224.9540, 23.9770, 11.5050

Rectangle

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



231.8460, 23.0200, -20.7240



224.7440, -29.6590, -29.6830



230.7350, -15.1310, 4.3970



231.5200, 11.0000, 20.9200

Sweetspot

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



231.8460, 23.0200, -20.7240



251.7910, 7.6580, -6.6300



192.1580, 41.0780, 15.4620



125.7030, 5.0900, -4.1420



0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000

Same Dimension

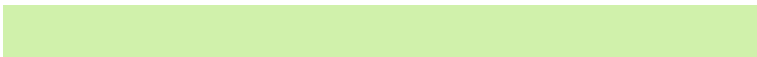
The Same Dimension uses a secret algorithm to generate beautiful new colors.



231.8460, 23.0200, -20.7240



243.0930, 29.3940, -26.1100



223.1530, 2.8020, -28.7660



118.6320, 3.8520, -3.7320



159.5020, 60.7140, -54.0860



49.0290, 18.2510, -16.8930

Inverse Universe

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



180.1540, -23.0200, 20.7240



177.3200, -29.1190, 26.6330



188.8470, -2.8020, 28.7660



109.3680, -3.8520, 3.7320



23.9110, -60.4390, 54.6090



7.5580, -18.5260, 16.3700

Previews

White Background



This preview shows how the YIQ color 231.8460, 23.0200, -20.7240 looks on a white background.

Color Contrast Check

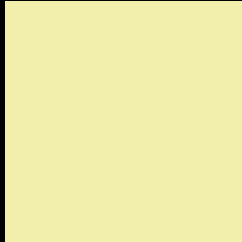
Large Text (above 18pt) WCAG AA × Fail

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 231.8460, 23.0200, -20.7240 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

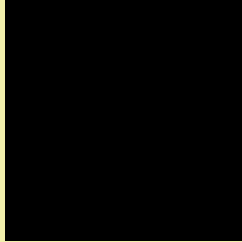
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

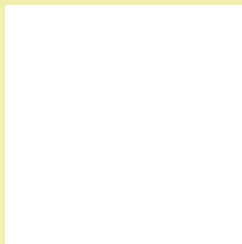
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 231.8460, 23.0200, -20.7240

Background



This preview shows how black text looks on a background with the YIQ color 231.8460, 23.0200, -20.7240.



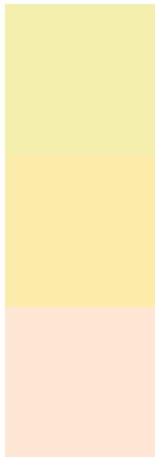
This preview shows how white text looks on a background with the YIQ color 231.8460, 23.0200, -20.7240.

-20.7240.

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

231.8460, 23.0200, -20.7240

Protanopia

232.8580, 31.9140, -16.7100

Deuteranopia

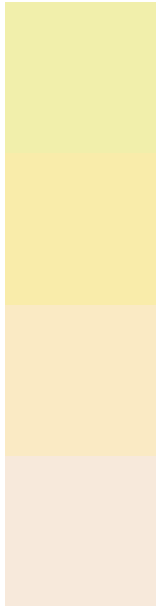
235.8960, 20.7240, -1.1320



Tritanopia

237.3310, 6.7380, 10.0500

Trichromacy



Original Color

231.8460, 23.0200, -20.7240

Protanomaly

232.3630, 28.9340, -17.7700

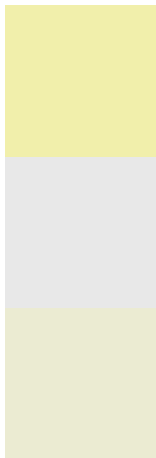
Deuteranomaly

234.4520, 21.7340, -8.4260

Tritanomaly

235.5900, 12.8380, -1.3860

Monochromacy



Original Color

231.8460, 23.0200, -20.7240

Achromatopsia

232.0000, -0.0000, 0.0000

Achromatomaly

232.1500, 8.0250, -7.7750

CSS Examples

Text

The CSS property to change the color of the text to YIQ 231.8460, 23.0200, -20.7240 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, 239, 171)` looks like.

```
.text, #text, p{  
    color:rgb(241, 239, 171)  
}
```

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, 239, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 239, 171) }
```

Border

The CSS property to change the border of an element to YIQ 231.8460, 23.0200, -20.7240 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, 239, 171) }
```


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

```
.border{ border-color:rgb(241, 239, 171) }
```

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

Here you see how a box with a 4 pixel rgb(241, 239, 171) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 239, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 239, 171);  
box-shadow:4px 4px 4px 4px rgb(241, 239,  
171) }
```

Background

The CSS property to change the background color of an element to YIQ 231.8460, 23.0200, -20.7240 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 239, 171) }
```

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

```
.background{ background-color: rgb(241,  
239, 171) }
```

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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