

Converting Colors

YIQ(231.3700, 19.0290, -8.9630)

Have a look what the booklet for
YIQ(231.3700, 19.0290, -8.9630)
contains.

YIQ(231.3700, 19.0290, -8.9630)	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(231.3700, 19.0290,
-8.9630)**

Conversions

Conversions Part 1

Format	Color
Hex	F4E8C3
RGB	244, 232, 195
RGB Percent	96%, 91%, 76%
CMY	0.0431, 0.0902, 0.2352
CMYK	0.00, 0.05, 0.20, 0.04
HSL	45°, 69%, 86%
HSV	45°, 20%, 96%
XYZ	76.0172, 80.8850, 63.2513
YIQ	231.3700, 19.0290, -8.9630

Conversions

Conversions Part 2

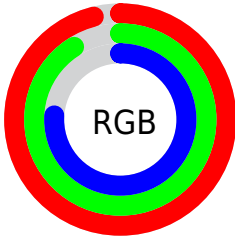
Format	Color
R_{YB}	211, 244, 195
Decimal	16050371
CIE _{Lab}	92.08, -1.75, 19.47
CIE _{LCh}	92, 19.546, 95.127
Yxy	80.8850, 0.3453, 0.3674
Android (android.graphics.Color)	4294240451 (0xFFFF4E8C3)
YUV	231.3700, -17.9304, 11.0765
Hunter-Lab	89.9361, -6.5136, 21.2571

Details

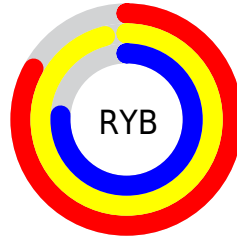
The YIQ color $231.3700, 19.0290, -8.9630$ is a light color, and the websafe version is hex $FFFFCC$. A complement of this color would be $207.6300, -19.0290, 8.9630$, and the grayscale version is $232.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $254.6580, 0.9630, -0.9330$, and $175.2990, 17.7910, -8.5530$ is the 20% darker color. If you saturate the color by 10%, you get $225.1120, 28.3830, -13.2890$, and if you desaturate by 10%, it is $237.6280, 9.6750, -4.6370$.

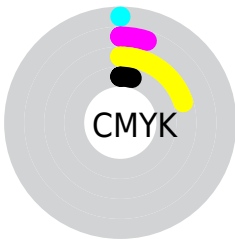
Distribution



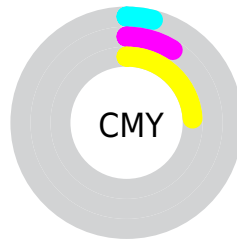
- Red (96%)
- Green (91%)
- Blue (76%)



- Red (83%)
- Yellow (96%)
- Blue (76%)



- Cyan (0%)
- Magenta (5%)
- Yellow (20%)
- Black (4%)



- Cyan (4%)
- Magenta (9%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 231.3700, 19.0290, -8.9630 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 231.3700, 19.0290, -8.9630 by changing the saturation by 10% instead.

■ 231.3700, 19.0290,
-8.9630

■ 231.3700, 19.0290,
-8.9630

255.0000, -0.0000,
-0.0000

■ 203.1850, 18.1120,
-8.8640

254.6580, 0.9630,
-0.9330

■ 175.2990, 17.7910,
-8.5530

■ 149.1140, 16.8740,
-8.4540

■ 123.2280, 16.5530,
-8.1430

■ 98.0430, 15.6360,
-8.0440

■ 73.9720, 14.3980,
-7.6340

■ 51.3740, 13.2060,

-8.0580

■ 30.1460, 13.8480,
-8.6800

■ 7.3760, 1.6970,
-3.2230

■ 231.3700, 19.0290,
-8.9630

■ 231.3700, 19.0290,
-8.9630

■ 225.1120, 28.3830,
-13.2890

■ 237.6280, 9.6750,
-4.6370

■ 218.7400, 38.0580,
-17.9260

■ 244.0000, 0.0000,
-0.0000

■ 212.4820, 47.4120,
-22.2520

■ 248.7760, -5.1810,
0.2830

■ 206.1100, 57.0870,
-26.8890

■ 251.7110, -6.5560,
-2.3320

■ 199.8520, 66.4410,
-31.2150

■ 193.5940, 75.7950,
-35.5410

■ 187.2220, 85.4700,
-40.1780

■ 180.9640, 94.8240,
-44.5040

Harmonies

Analogous

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



231.5930, 25.9510, -2.2490



231.3700, 19.0290, -8.9630



229.2970, 2.9370, -14.6870

Triad

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



231.3700, 19.0290, -8.9630



225.9120, -38.0990, -8.8750



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.



231.3700, 19.0290, -8.9630



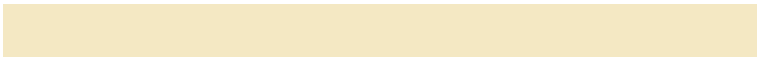
207.6300, -19.0290, 8.9630

Split Complementary

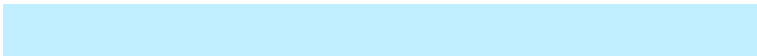
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



233.4920, -0.9650, 11.9870



231.3700, 19.0290, -8.9630



227.3690, -31.9560, -4.5640

Square

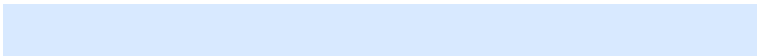
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



231.3700, 19.0290, -8.9630



225.3440, -30.8080, -14.3600



230.4250, -17.1940, 3.2380



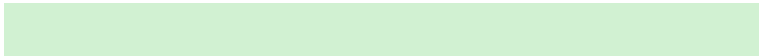
231.0180, 17.9250, 11.0530

Rectangle

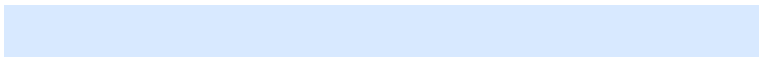
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



231.3700, 19.0290, -8.9630



227.8980, -9.1210, -16.4250



230.4250, -17.1940, 3.2380



235.8030, 8.5250, 16.2130

Sweetspot

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



231.3700, 19.0290, -8.9630



250.9420, 5.9150, -2.5730



211.0190, 25.3520, 14.1200



125.2130, 3.7140, -1.2300



0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000

Same Dimension

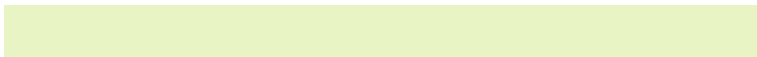
The Same Dimension uses a secret algorithm to generate beautiful new colors.



231.3700, 19.0290, -8.9630



239.2410, 23.7060, -11.1260



234.8260, 8.5770, -17.7830



118.8710, 4.6770, -2.1630



138.3810, 72.0810, -34.3110



43.4690, 23.0640, -10.5040

Inverse Universe

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



207.6300, -19.0290, 8.9630



209.7590, -23.7060, 11.1260



204.1740, -8.5770, 17.7830



113.1290, -4.6770, 2.1630



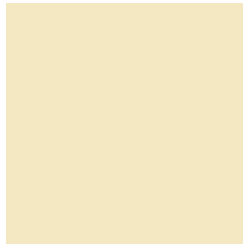
48.2060, -72.3560, 33.7880



14.9440, -22.7890, 11.0270

Previews

White Background



This preview shows how the YIQ color 231.3700, 19.0290, -8.9630 looks on a white background.

Color Contrast Check

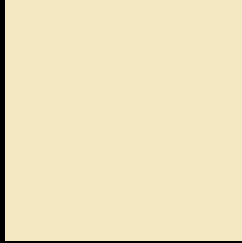
Large Text (above 18pt) WCAG AA × Fail

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 231.3700, 19.0290, -8.9630 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

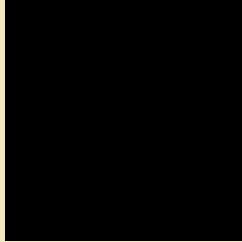
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 231.3700, 19.0290, -8.9630

Background



This preview shows how black text looks on a background with the YIQ color 231.3700, 19.0290, -8.9630.



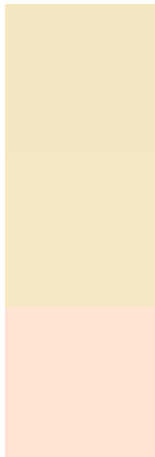
This preview shows how white text looks on a background with the YIQ color 231.3700, 19.0290,

-8.9630.

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

231.3700, 19.0290, -8.9630

Protanopia

231.6690, 19.6250, -8.7510

Deuteranopia

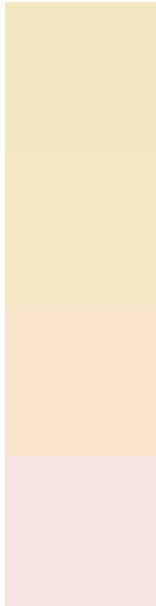
233.5480, 21.8240, 0.9600



Tritanopia

234.5270, 9.1220, 10.8980

Trichromacy



Original Color

231.3700, 19.0290, -8.9630

Protanomaly

231.6690, 19.6250, -8.7510

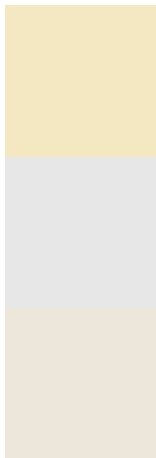
Deuteranomaly

232.8420, 20.8160, -2.8000

Tritanomaly

233.7520, 12.5620, 3.6180

Monochromacy



Original Color

231.3700, 19.0290, -8.9630

Achromatopsia

231.0000, -0.0000, -0.0000

Achromatomaly

231.0130, 7.1530, -2.9830

CSS Examples

Text

The CSS property to change the color of the text to YIQ 231.3700, 19.0290, -8.9630 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, 232, 195)` looks like.

```
.text, #text, p{  
    color:rgb(244, 232, 195)  
}
```

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, 232, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 232, 195) }
```

Border

The CSS property to change the border of an element to YIQ 231.3700, 19.0290, -8.9630 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, 232, 195) }
```


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

```
.border{ border-color:rgb(244, 232, 195) }
```

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

Here you see how a box with a 4 pixel rgb(244, 232, 195) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 232, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 232, 195);  
box-shadow:4px 4px 4px 4px rgb(244, 232,  
195) }
```

Background

The CSS property to change the background color of an element to YIQ 231.3700, 19.0290, -8.9630 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 232, 195) }
```

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

```
.background{ background-color: rgb(244,  
232, 195) }
```

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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