

Converting Colors

YIQ(231.3100, 2.0630, 1.1590)

Have a look what the booklet for
YIQ(231.3100, 2.0630, 1.1590)
contains.

YIQ(231.3100, 2.0630, 1.1590)	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(231.3100, 2.0630,
1.1590)**

Conversions

Conversions Part 1

Format	Color
Hex	EAE6E7
RGB	234, 230, 231
RGB Percent	92%, 90%, 91%
CMY	0.0823, 0.0980, 0.0941
CMYK	0.00, 0.02, 0.01, 0.08
HSL	345°, 9%, 91%
HSV	345°, 2%, 92%
XYZ	76.6530, 79.8552, 86.9763
YIQ	231.3100, 2.0630, 1.1590

Conversions

Conversions Part 2

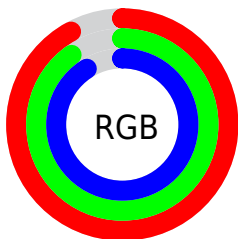
Format	Color
RYB	234, 230, 231
Decimal	15394535
CIELab	91.62, 1.53, -0.02
CIELCh	92, 1.529, 359.266
Yxy	79.8552, 0.3148, 0.3280
Android (android.graphics.Color)	4293584615 (0xFFEAE6E7)
YUV	231.3100, -0.1528, 2.3591
Hunter-Lab	89.3617, -3.2688, 4.8459

Details

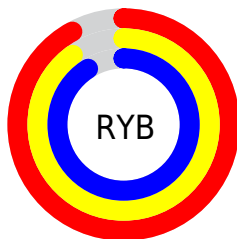
The YIQ color $231.3100, 2.0630, 1.1590$ is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be $232.6900, -2.0630, -1.1590$, and the grayscale version is $231.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $175.8970, 1.7880, 0.6360$ is the 20% darker color. If you saturate the color by 10%, you get $215.7570, 14.1660, 7.5900$, and if you desaturate by 10%, it is $246.8630, -10.0400, -5.2720$.

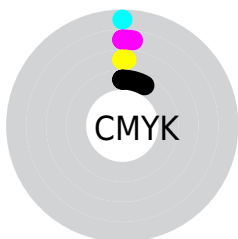
Distribution



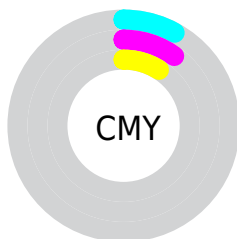
- Red (92%)
- Green (90%)
- Blue (91%)



- Red (92%)
- Yellow (90%)
- Blue (91%)



- Cyan (0%)
- Magenta (2%)
- Yellow (1%)
- Black (8%)



- Cyan (8%)
- Magenta (10%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 231.3100, 2.0630, 1.1590 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 231.3100, 2.0630, 1.1590 by changing the saturation by 10% instead.

■ 231.3100, 2.0630,
1.1590

■ 231.3100, 2.0630,
1.1590

255.0000, -0.0000,
-0.0000

■ 203.3100, 2.0630,
1.1590

■ 175.8970, 1.7880,
0.6360

■ 149.3100, 2.0630,
1.1590

■ 123.3100, 2.0630,
1.1590

■ 98.3100, 2.0630,
1.1590

■ 74.8970, 1.7880,
0.6360

■ 52.0110, 1.4670,

0.9470

■ 31.0110, 1.4670,
0.9470

■ 6.6090, 2.6590,
1.3710

■ 231.3100, 2.0630,
1.1590

■ 231.3100, 2.0630,
1.1590

■ 215.7570, 14.1660,
7.5900

■ 246.8630,
-10.0400, -5.2720

■ 199.7310, 26.2230,
14.8550

■ 248.7210,
-12.5160, -4.4520

■ 184.1780, 38.3260,
21.2860

■ 168.1520, 50.3830,
28.5510

■ 152.5990, 62.4860,
34.9820

■ 137.1600, 74.2680,
41.7240

■ 121.0200, 86.6460,
48.6780

■ 105.5810, 98.4280,
55.4200

■ 89.4410, 110.8060,
62.3740

Harmonies

Analogous

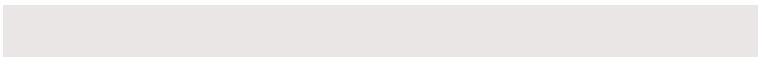
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



231.1250, 1.1460, 1.2580



231.3100, 2.0630, 1.1590



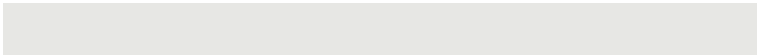
231.1960, 2.3840, 0.8480

Triad

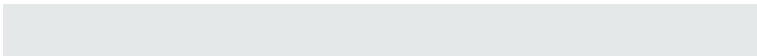
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



231.3100, 2.0630, 1.1590



230.6580, 0.9630, -0.9330



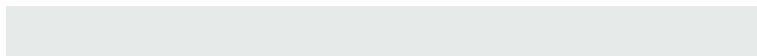
230.9180, -2.7050, -0.5370

Complementary

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



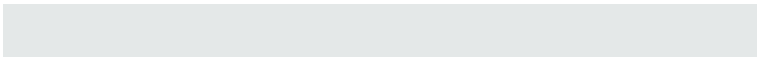
231.3100, 2.0630, 1.1590



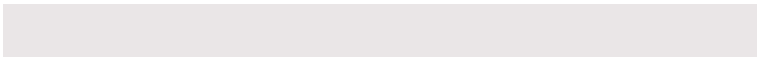
232.6900, -2.0630, -1.1590

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.



230.8040, -2.3840, -0.8480



231.3100, 2.0630, 1.1590



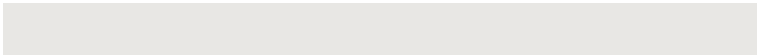
230.7610, -0.8250, -1.5690

Square

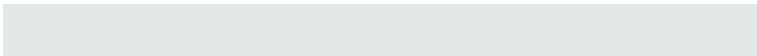
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



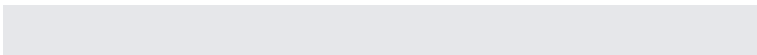
231.3100, 2.0630, 1.1590



230.9570, 1.5590, -0.7210



230.6900, -2.0630, -1.1590



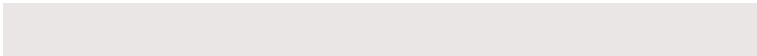
231.0430, -1.5590, 0.7210

Rectangle

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



231.3100, 2.0630, 1.1590



231.0820, 2.7050, 0.5370



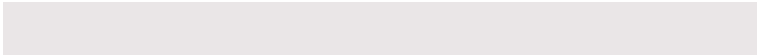
230.6900, -2.0630, -1.1590



230.9180, -2.7050, -0.5370

Sweetspot

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



231.3100, 2.0630, 1.1590



253.0110, 1.4670, 0.9470



231.3530, 0.5040, 1.8800



126.7120, 0.8710, 0.7350



0.0000, 0.0000, 0.0000



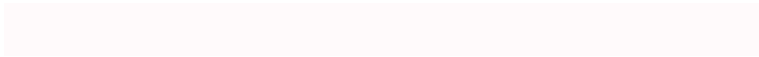
128.0000, -0.0000, -0.0000

Same Dimension

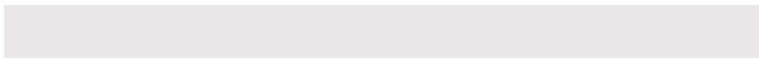
The Same Dimension uses a secret algorithm to generate beautiful new colors.



231.3100, 2.0630, 1.1590



251.6090, 2.6590, 1.3710



231.7830, 2.1090, 0.3250



115.7120, 0.8710, 0.7350



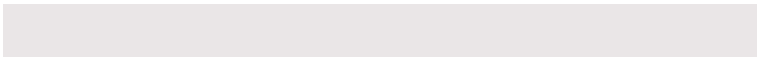
59.2490, 93.4310, 52.3670



17.6280, 28.0110, 15.4910

Inverse Universe

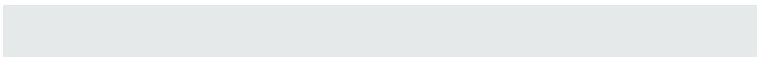
The Inverse Universe completely reimagines the original color for something new.



231.3100, 2.0630, 1.1590



251.6090, 2.6590, 1.3710



232.2170, -2.1090, -0.3250



115.7120, 0.8710, 0.7350



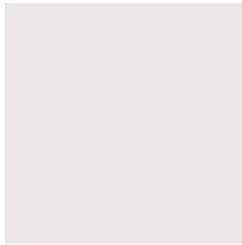
59.2490, 93.4310, 52.3670



17.6280, 28.0110, 15.4910

Previews

White Background



This preview shows how the YIQ color 231.3100, 2.0630, 1.1590 looks on a white background.

Color Contrast Check

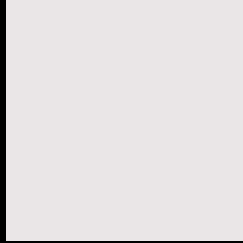
Large Text (above 18pt) WCAG AA × Fail

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 231.3100, 2.0630, 1.1590 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

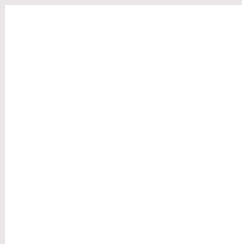
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 231.3100, 2.0630, 1.1590

Background



This preview shows how black text looks on a background with the YIQ color 231.3100, 2.0630, 1.1590.



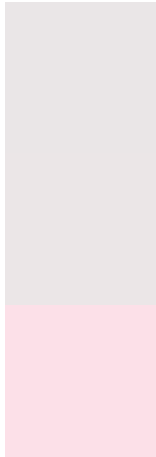
This preview shows how white text looks on a background with the YIQ color 231.3100, 2.0630,

1.1590.

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

231.3100, 2.0630, 1.1590

Protanopia

231.6090, 2.6590, 1.3710

Deuteranopia

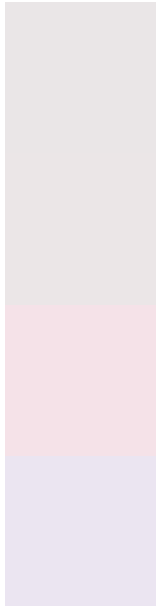
233.2840, 14.1200, 8.4240



Tritanopia

232.4440, -1.0100, 7.2940

Trichromacy



Original Color

231.3100, 2.0630, 1.1590

Protanomaly

231.6090, 2.6590, 1.3710

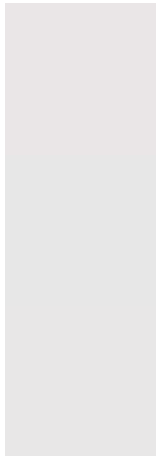
Deuteranomaly

232.3650, 9.3980, 5.8940

Tritanomaly

232.1620, -0.2760, 5.0040

Monochromacy



Original Color

231.3100, 2.0630, 1.1590

Achromatopsia

231.0000, -0.0000, -0.0000

Achromatomaly

231.2990, 0.5960, 0.2120

CSS Examples

Text

The CSS property to change the color of the text to YIQ 231.3100, 2.0630, 1.1590 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(234, 230, 231)` looks like.

```
.text, #text, p{  
    color:rgb(234, 230, 231)  
}
```

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(234, 230, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 230, 231) }
```

Border

The CSS property to change the border of an element to YIQ 231.3100, 2.0630, 1.1590 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(234, 230, 231) }
```


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

```
.border{ border-color:rgb(234, 230, 231) }
```

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

Here you see how a box with a 4 pixel `rgb(234, 230, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 230, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 230, 231);  
box-shadow:4px 4px 4px 4px rgb(234, 230,  
231) }
```

Background

The CSS property to change the background color of an element to YIQ 231.3100, 2.0630, 1.1590 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 230, 231) }
```

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

```
.background{ background-color: rgb(234,  
230, 231) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor