

Converting Colors

YIQ(230.0330, 4.4010, 2.8410)

Have a look what the booklet for
YIQ(230.0330, 4.4010, 2.8410)
contains.

YIQ(230.0330, 4.4010, 2.8410)	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(230.0330, 4.4010,
2.8410)**

Conversions

Conversions Part 1

Format	Color
Hex	ECE3E6
RGB	236, 227, 230
RGB Percent	93%, 89%, 90%
CMY	0.0745, 0.1098, 0.0980
CMYK	0.00, 0.04, 0.03, 0.07
HSL	340°, 19%, 91%
HSV	340°, 4%, 93%
XYZ	76.3456, 78.4834, 85.9907
YIQ	230.0330, 4.4010, 2.8410

Conversions

Conversions Part 2

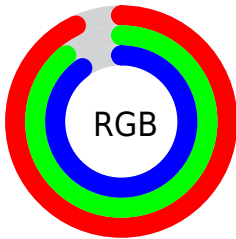
Format	Color
R _Y B	236, 227, 230
Decimal	15524838
CIE Lab	91.00, 3.58, -0.38
CIE LCh	91, 3.598, 353.863
Yxy	78.4834, 0.3170, 0.3259
Android (android.graphics.Color)	4293714918 (0xFFECE3E6)
YUV	230.0330, -0.0163, 5.2331
Hunter-Lab	88.5908, -1.2068, 4.4637

Details

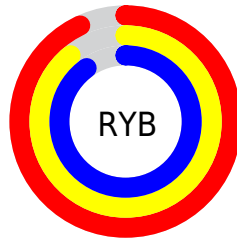
The YIQ color $230.0330, 4.4010, 2.8410$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $232.9670, -4.4010, -2.8410$, and the grayscale version is $230.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $174.7340, 3.8050, 2.6290$ is the 20% darker color. If you saturate the color by 10%, you get $214.1210, 16.1370, 10.4170$, and if you desaturate by 10%, it is $245.9450, -7.3350, -4.7350$.

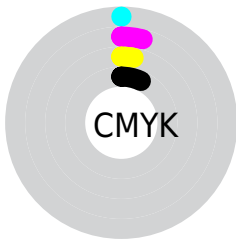
Distribution



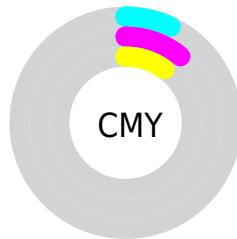
- Red (93%)
- Green (89%)
- Blue (90%)



- Red (93%)
- Yellow (89%)
- Blue (90%)



- Cyan (0%)
- Magenta (4%)
- Yellow (3%)
- Black (7%)



- Cyan (7%)
- Magenta (11%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 230.0330, 4.4010, 2.8410 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 230.0330, 4.4010, 2.8410 by changing the saturation by 10% instead.

■ 230.0330, 4.4010,
2.8410

■ 230.0330, 4.4010,
2.8410

255.0000, -0.0000,
-0.0000

■ 202.0330, 4.4010,
2.8410

■ 174.7340, 3.8050,
2.6290

■ 147.7340, 3.8050,
2.6290

■ 121.7340, 3.8050,
2.6290

■ 97.3210, 3.5300,
2.1060

■ 73.4350, 3.2090,
2.4170

■ 51.3210, 3.5300,

2.1060

■ 30.0220, 2.9340,
1.8940

■ 4.7450, 5.2720,
3.5760

■ 230.0330, 4.4010,
2.8410

■ 230.0330, 4.4010,
2.8410

■ 214.1210, 16.1370,
10.4170

■ 245.9450, -7.3350,
-4.7350

■ 198.9100, 27.2770,
17.7810

■ 249.3190,
-11.3240, -4.0280

■ 182.9980, 39.0130,
25.3570

■ 167.6730, 50.4740,
32.4100

■ 151.7610, 62.2100,
39.9860

■ 135.9630, 73.6250,
47.8730

■ 120.6380, 85.0860,
54.9260

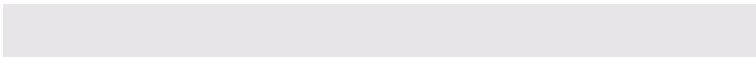
■ 104.7260, 96.8220,
62.5020

■ 89.4010, 108.2830,
69.5550

Harmonies

Analogous

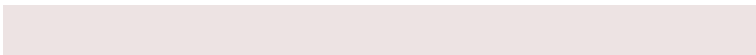
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



230.0650, 1.3750, 2.6150



230.0330, 4.4010, 2.8410



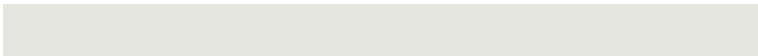
229.9900, 5.9600, 2.1200

Triad

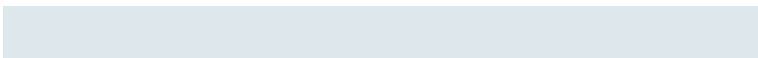
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



230.0330, 4.4010, 2.8410



228.9030, 1.6510, -2.3890



228.7650, -6.6480, -0.6640

Complementary

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



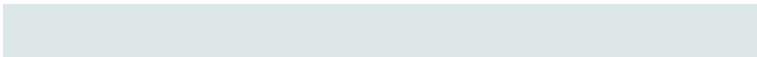
230.0330, 4.4010, 2.8410



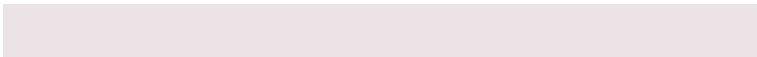
232.9670, -4.4010, -2.8410

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.



228.1240, -6.2810, -1.8090



230.0330, 4.4010, 2.8410



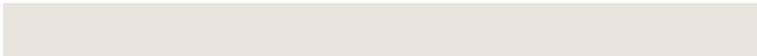
228.5220, -1.6500, -3.1380

Square

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



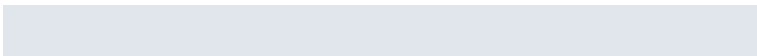
230.0330, 4.4010, 2.8410



229.3980, 4.6310, -1.3290



227.9670, -4.4010, -2.8410



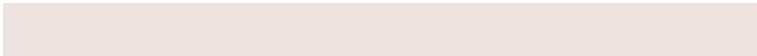
229.1890, -4.9060, 0.8060

Rectangle

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



230.0330, 4.4010, 2.8410



229.7620, 6.6020, 1.4980



227.9670, -4.4010, -2.8410



228.6510, -6.3270, -0.9750

Sweetspot

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



230.0330, 4.4010, 2.8410



253.0110, 1.4670, 0.9470



229.8200, 0.6870, 4.0710



126.7120, 0.8710, 0.7350



0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000

Same Dimension

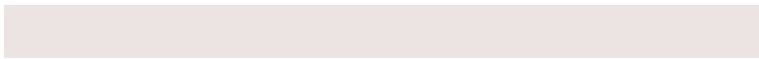
The Same Dimension uses a secret algorithm to generate beautiful new colors.



230.0330, 4.4010, 2.8410



246.4570, 6.1430, 4.3110



230.2780, 5.0890, 1.3850



112.4350, 3.2090, 2.4170



60.9590, 88.6160, 57.0320



18.1980, 26.4060, 17.0460

Inverse Universe

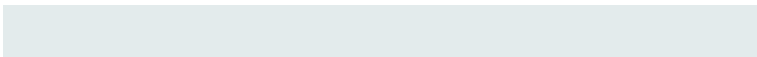
The Inverse Universe completely reimagines the original color for something new.



230.0330, 4.4010, 2.8410



246.4570, 6.1430, 4.3110



232.7220, -5.0890, -1.3850



112.4350, 3.2090, 2.4170



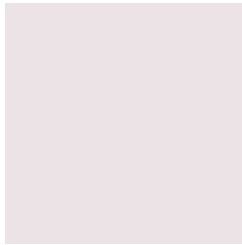
60.9590, 88.6160, 57.0320



18.1980, 26.4060, 17.0460

Previews

White Background



This preview shows how the YIQ color 230.0330, 4.4010, 2.8410 looks on a white background.

Color Contrast Check

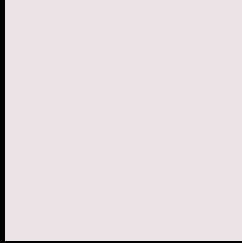
Large Text (above 18pt) WCAG AA × Fail

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 230.0330, 4.4010, 2.8410 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

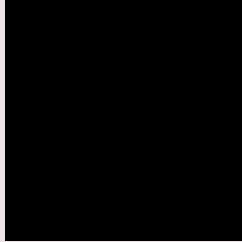
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

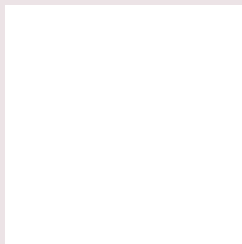
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 230.0330, 4.4010, 2.8410

Background



This preview shows how black text looks on a background with the YIQ color 230.0330, 4.4010, 2.8410.



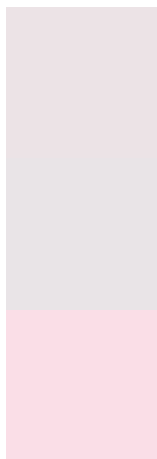
This preview shows how white text looks on a background with the YIQ color 230.0330, 4.4010,

2.8410.

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

230.0330, 4.4010, 2.8410

Protanopia

229.8370, 2.0170, 1.9930

Deuteranopia

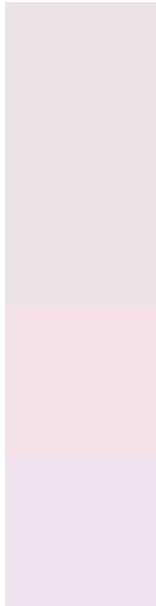
231.3980, 13.7990, 8.7350



Tritanopia

230.9390, 1.9700, 8.3540

Trichromacy



Original Color

230.0330, 4.4010, 2.8410

Protanomaly

230.1360, 2.6130, 2.2050

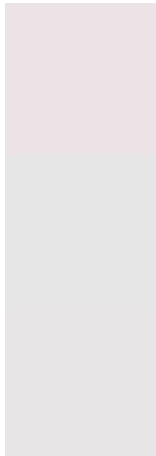
Deuteranomaly

231.0770, 10.2690, 6.6290

Tritanomaly

230.6570, 2.7040, 6.0640

Monochromacy



Original Color

230.0330, 4.4010, 2.8410

Achromatopsia

230.0000, -0.0000, 0.0000

Achromatomaly

230.0110, 1.4670, 0.9470

CSS Examples

Text

The CSS property to change the color of the text to YIQ 230.0330, 4.4010, 2.8410 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(236, 227, 230)` looks like.

```
.text, #text, p{  
    color:rgb(236, 227, 230)  
}
```

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(236, 227, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 227, 230) }
```

Border

The CSS property to change the border of an element to YIQ 230.0330, 4.4010, 2.8410 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(236, 227, 230) }
```


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

```
.border{ border-color:rgb(236, 227, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(236, 227, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 227, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 227, 230);  
box-shadow:4px 4px 4px 4px rgb(236, 227,  
230) }
```

Background

The CSS property to change the background color of an element to YIQ 230.0330, 4.4010, 2.8410 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 227, 230) }
```

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

```
.background{ background-color: rgb(236,  
227, 230) }
```

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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