

Converting Colors

YIQ(236.2830, -2.4750, -4.7070)

Have a look what the booklet for
YIQ(236.2830, -2.4750, -4.7070)
contains.

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Color

**YIQ(236.2830, -2.4750,
-4.7070)**

Conversions

Conversions Part 1

Format	Color
Hex	E7F0E7
RGB	231, 240, 231
RGB Percent	91%, 94%, 91%
CMY	0.0941, 0.0588, 0.0941
CMYK	0.04, 0.00, 0.04, 0.06
HSL	120°, 23%, 92%
HSV	120°, 4%, 94%
XYZ	78.5377, 85.0796, 87.8834
YIQ	236.2830, -2.4750, -4.7070

Conversions

Conversions Part 2

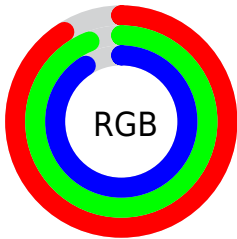
Format	Color
R _Y B	231, 240, 240
Decimal	15200487
CIE Lab	93.92, -4.59, 3.30
CIE LCh	94, 5.653, 144.300
Yxy	85.0796, 0.3123, 0.3383
Android (android.graphics.Color)	4293390567 (0xFFE7F0E7)
YUV	236.2830, -2.6045, -4.6332
Hunter-Lab	92.2386, -9.4317, 8.0765

Details

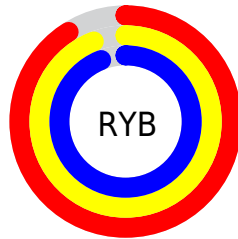
The YIQ color $236.2830, -2.4750, -4.7070$ is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be $234.7170, 2.4750, 4.7070$, and the grayscale version is $236.0000, 0.0000, -0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $180.2830, -2.4750, -4.7070$ is the 20% darker color. If you saturate the color by 10%, you get $226.3710, -9.0750, -17.2590$, and if you desaturate by 10%, it is $246.1950, 4.1250, 7.8450$.

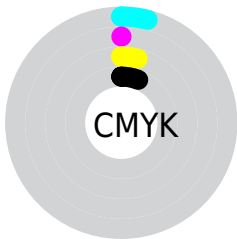
Distribution



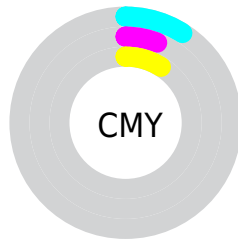
- Red (91%)
- Green (94%)
- Blue (91%)



- Red (91%)
- Yellow (94%)
- Blue (94%)



- Cyan (4%)
- Magenta (0%)
- Yellow (4%)
- Black (6%)



- Cyan (9%)
- Magenta (6%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 236.2830, -2.4750, -4.7070 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 236.2830, -2.4750, -4.7070 by changing the saturation by 10% instead.

■ 236.2830, -2.4750,
-4.7070

■ 236.2830, -2.4750,
-4.7070

255.0000, -0.0000,
-0.0000

■ 208.2830, -2.4750,
-4.7070

■ 180.2830, -2.4750,
-4.7070

■ 153.6960, -2.2000,
-4.1840

■ 127.6960, -2.2000,
-4.1840

■ 102.6960, -2.2000,
-4.1840

■ 78.6960, -2.2000,
-4.1840

■ 56.1090, -1.9250,

-3.6610

■ 34.5220, -1.6500,
-3.1380

■ 11.8700, -2.7500,
-5.2300

■ 236.2830, -2.4750,
-4.7070

■ 236.2830, -2.4750,
-4.7070

■ 226.3710, -9.0750,
-17.2590

■ 246.1950, 4.1250,
7.8450

■ 216.4590,
-15.6750, -29.8110

■ 206.5470,
-22.2750, -42.3630

■ 196.6350,
-28.8750, -54.9150

■ 186.7230,
-35.4750, -67.4670

■ 176.8110,
-42.0750, -80.0190

■ 166.8990,
-48.6750, -92.5710

■ 156.9870,
-55.2750, -105.1230

■ 147.0750,
-61.8750, -117.6750

Harmonies

Analogous

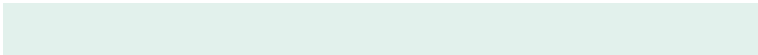
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



237.1480, 2.3390, -3.8450



236.2830, -2.4750, -4.7070



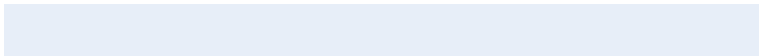
235.9450, -7.3350, -4.7350

Triad

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



236.2830, -2.4750, -4.7070



237.0470, -7.3820, 1.6260



238.6700, 9.8570, 3.0810

Complementary

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



236.2830, -2.4750, -4.7070



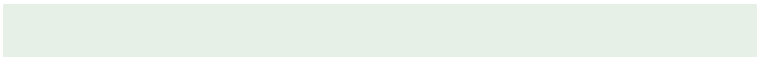
234.7170, 2.4750, 4.7070

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.



238.7560, 6.7390, 4.5230



236.2830, -2.4750, -4.7070



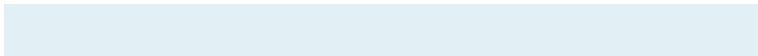
237.5530, -2.9350, 3.6330

Square

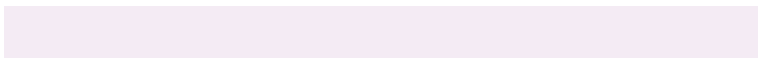
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



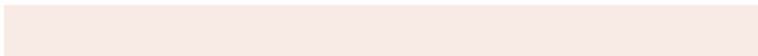
236.2830, -2.4750, -4.7070



236.4980, -10.2700, -1.1020



238.7170, 2.4750, 4.7070



238.2030, 9.6740, 0.8900

Rectangle

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



236.2830, -2.4750, -4.7070



236.1020, -9.2150, -3.7030



238.7170, 2.4750, 4.7070



238.8980, 9.2150, 3.7030

Sweetspot

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



236.2830, -2.4750, -4.7070



253.7610, -0.8250, -1.5690



238.9740, 2.8890, -2.7990



127.1740, -0.5500, -1.0460



0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000

Same Dimension

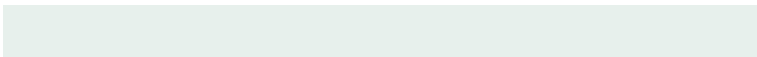
The Same Dimension uses a secret algorithm to generate beautiful new colors.



236.2830, -2.4750, -4.7070



249.6310, -3.5750, -6.7990



236.8530, -4.0800, -3.1520



117.1090, -1.9250, -3.6610



108.0080, -50.6000, -96.2320



32.8720, -15.4000, -29.2880

Inverse Universe

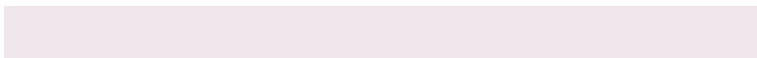
The Inverse Universe completely reimagines the original color for something new.



234.7170, 2.4750, 4.7070



247.3690, 3.5750, 6.7990



234.2610, 3.7590, 3.4630



115.8910, 1.9250, 3.6610



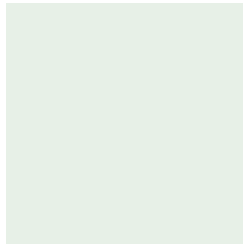
75.8780, 50.9210, 95.9210



23.1280, 15.4000, 29.2880

Previews

White Background



This preview shows how the YIQ color 236.2830, -2.4750, -4.7070 looks on a white background.

Color Contrast Check

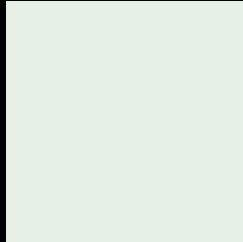
Large Text (above 18pt) WCAG AA × Fail

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 236.2830, -2.4750, -4.7070 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

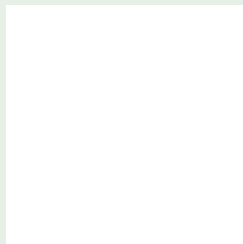
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 236.2830, -2.4750, -4.7070

Background



This preview shows how black text looks on a background with the YIQ color 236.2830, -2.4750, -4.7070.



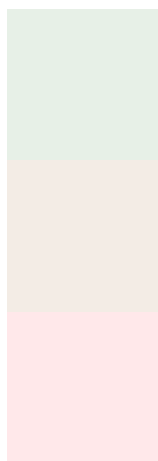
This preview shows how white text looks on a background with the YIQ color 236.2830, -2.4750,

-4.7070.

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

236.2830, -2.4750, -4.7070

Protanopia

237.2950, 6.4190, -0.6930

Deuteranopia

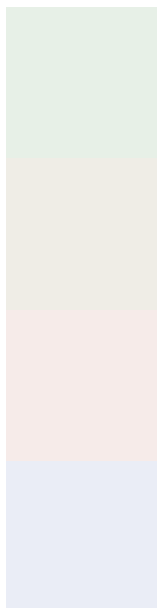
239.1050, 13.0660, 5.4980



Tritanopia

237.8670, -6.6950, 5.6970

Trichromacy



Original Color

236.2830, -2.4750, -4.7070

Protanomaly

236.8000, 3.4390, -1.7530

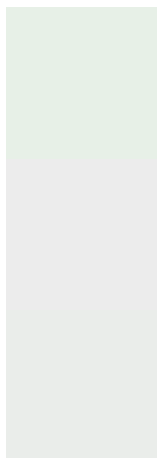
Deuteranomaly

238.0610, 7.1980, 1.7100

Tritanomaly

237.1290, -4.6770, 2.1630

Monochromacy



Original Color

236.2830, -2.4750, -4.7070

Achromatopsia

236.0000, 0.0000, -0.0000

Achromatomaly

235.7610, -0.8250, -1.5690

CSS Examples

Text

The CSS property to change the color of the text to YIQ 236.2830, -2.4750, -4.7070 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(231, 240, 231)` looks like.

```
.text, #text, p{  
    color:rgb(231, 240, 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(231, 240, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 240, 231) }
```

Border

The CSS property to change the border of an element to YIQ 236.2830, -2.4750, -4.7070 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(231, 240, 231) }
```


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

```
.border{ border-color:rgb(231, 240, 231) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 240, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 240, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 240, 231);  
box-shadow:4px 4px 4px 4px rgb(231, 240,  
231) }
```

Background

The CSS property to change the background color of an element to YIQ 236.2830, -2.4750, -4.7070 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 240, 231) }
```

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

```
.background{ background-color: rgb(231,  
240, 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](#).

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