

Converting Colors

YIQ(248.5770, -3.4830, -8.4670)

Have a look what the booklet for
YIQ(248.5770, -3.4830, -8.4670)
contains.

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Color

**YIQ(248.5770, -3.4830,
-8.4670)**

Conversions

Conversions Part 1

Format	Color
Hex	F0FFEE
RGB	240, 255, 238
RGB Percent	94%, 100%, 93%
CMY	0.0589, 0.0000, 0.0667
CMYK	0.06, 0.00, 0.07, 0.00
HSL	113°, 100%, 97%
HSV	113°, 7%, 100%
XYZ	87.1238, 96.2162, 94.8685
YIQ	248.5770, -3.4830, -8.4670

Conversions

Conversions Part 2

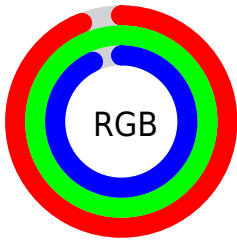
Format	Color
R _Y B	238, 255, 253
Decimal	15794158
CIE Lab	98.52, -7.91, 6.42
CIE LCh	99, 10.190, 140.928
Yxy	96.2162, 0.3132, 0.3458
Android (android.graphics.Color)	4293984238 (0xFF0FFEE)
YUV	248.5770, -5.2145, -7.5220
Hunter-Lab	98.0899, -13.1130, 11.3201

Details

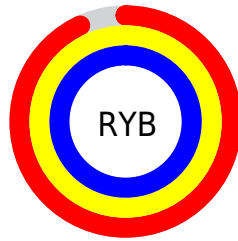
The YIQ color 248.5770, -3.4830, -8.4670 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 244.4230, 3.4830, 8.4670, and the grayscale version is 249.0000, -0.0000, -0.0000.

A 20% lighter version of the original color is 255.0000, -0.0000, -0.0000, and 191.9900, -3.2080, -7.9440 is the 20% darker color. If you saturate the color by 10%, you get 238.8500, -9.1660, -21.1180, and if you desaturate by 10%, it is 255.0000, -0.0000, -0.0000.

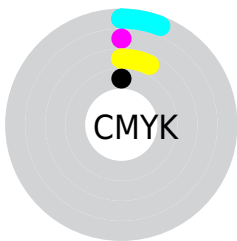
Distribution



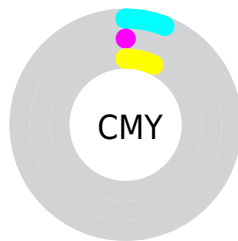
- Red (94%)
- Green (100%)
- Blue (93%)



- Red (93%)
- Yellow (100%)
- Blue (99%)



- Cyan (6%)
- Magenta (0%)
- Yellow (7%)
- Black (0%)



- Cyan (6%)
- Magenta (0%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 248.5770, -3.4830, -8.4670 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 248.5770, -3.4830, -8.4670 by changing the saturation by 10% instead.

 248.5770, -3.4830,
-8.4670


 248.5770, -3.4830,
-8.4670


255.0000, -0.0000,
-0.0000


 219.9900, -3.2080,
-7.9440

 191.9900, -3.2080,
-7.9440

 164.9900, -3.2080,
-7.9440

 138.4030, -2.9330,
-7.4210

 113.4030, -2.9330,
-7.4210

 88.8160, -2.6580,
-6.8980

 64.9300, -2.9790,

-6.5870

■ 43.3430, -2.7040,
-6.0640

■ 22.5280, -1.7870,
-6.1630

■ 248.5770, -3.4830,
-8.4670

■ 248.5770, -3.4830,
-8.4670

■ 238.8500, -9.1660,
-21.1180

255.0000, -0.0000,
-0.0000

■ 229.3080,
-13.9320, -33.8680

■ 219.5810,
-19.6150, -46.5190

■ 210.0390,
-24.3810, -59.2690

■ 200.3120,
-30.0640, -71.9200

■ 190.7700,
-34.8300, -84.6700

■ 181.0430,
-40.5130, -97.3210

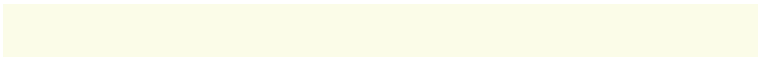
■ 171.5010,
-45.2790, -110.0710

■ 161.7740,
-50.9620, -122.7220

Harmonies

Analogous

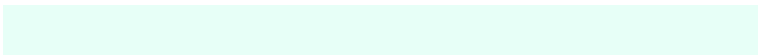
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



249.4210, 5.8240, -6.4320



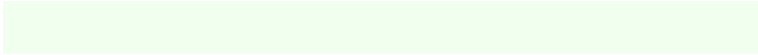
248.5770, -3.4830, -8.4670



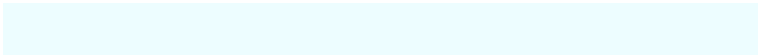
246.9120, -11.7360, -7.5760

Triad

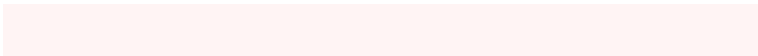
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



248.5770, -3.4830, -8.4670



248.4440, -10.1780, -2.7700



247.2890, 6.5560, 2.3320

Complementary

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



248.5770, -3.4830, -8.4670



244.4230, 3.4830, 8.4670

Split Complementary

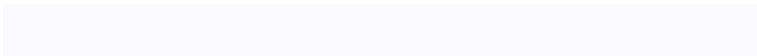
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



248.4290, 3.3460, 5.4420



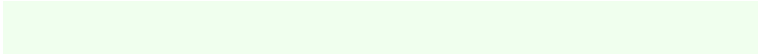
248.5770, -3.4830, -8.4670



249.6840, -1.9260, 1.8660

Square

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



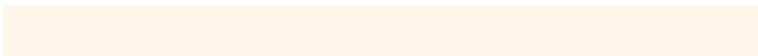
248.5770, -3.4830, -8.4670



247.2260, -15.4960, -5.5120



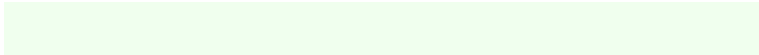
249.7170, 2.4750, 4.7070



247.5510, 8.5740, -1.2020

Rectangle

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



248.5770, -3.4830, -8.4670



246.5140, -16.3670, -6.2470



249.7170, 2.4750, 4.7070



247.6310, 5.5930, 3.2650

Sweetspot

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



248.5770, -3.4830, -8.4670



252.9350, -1.3750, -2.6150



251.8880, 6.0070, -4.2410



126.7610, -0.8250, -1.5690



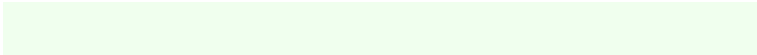
0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000

Same Dimension

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



248.5770, -3.4830, -8.4670



247.3380, -4.3080, -10.0360



248.6630, -6.6010, -7.0250



122.9300, -2.9790, -6.5870



118.6950, -39.4130, -95.2290



39.6610, -13.4280, -31.9880

Inverse Universe

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



244.4230, 3.4830, 8.4670



242.6620, 4.3080, 10.0360



244.3370, 6.6010, 7.0250



119.7710, 2.3830, 6.3750



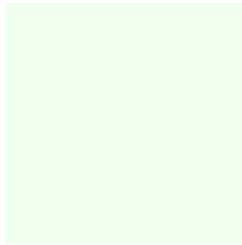
72.3050, 39.4130, 95.2290



24.0400, 12.8320, 31.7760

Previews

White Background



This preview shows how the YIQ color 248.5770, -3.4830, -8.4670 looks on a white background.

Color Contrast Check

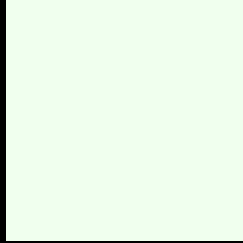
Large Text (above 18pt) WCAG AA × Fail

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 248.5770, -3.4830, -8.4670 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

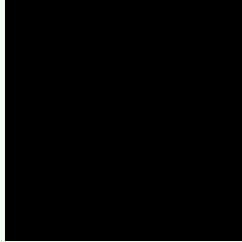
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

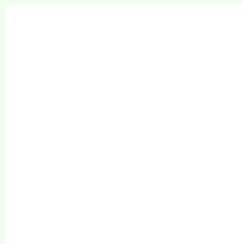
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 248.5770, -3.4830, -8.4670

Background



This preview shows how black text looks on a background with the YIQ color 248.5770, -3.4830, -8.4670.



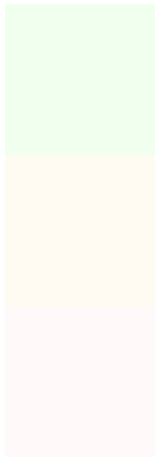
This preview shows how white text looks on a background with the YIQ color 248.5770, -3.4830,

-8.4070.

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

248.5770, -3.4830, -8.4670

Protanopia

250.5830, 5.5480, -1.4280

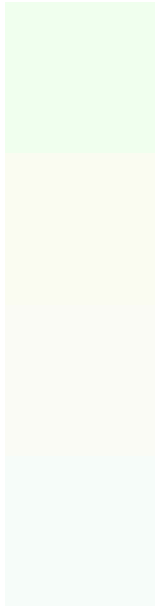
Deuteranopia

250.7940, 3.5760, 1.2720

Tritanopia

250.2710, -2.2010, 1.3430

Trichromacy



Original Color

248.5770, -3.4830, -8.4670

Protanomaly

250.1480, 2.3390, -3.8450

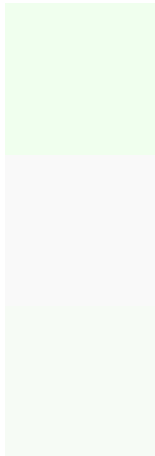
Deuteranomaly

250.0170, 1.3300, -2.0780

Tritanomaly

249.8640, -2.6130, -2.2050

Monochromacy



Original Color

248.5770, -3.4830, -8.4670

Achromatopsia

249.0000, -0.0000, -0.0000

Achromatomaly

248.8210, -1.0540, -2.9260

CSS Examples

Text

The CSS property to change the color of the text to YIQ 248.5770, -3.4830, -8.4670 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(240, 255, 238)` looks like.

```
.text, #text, p{  
    color:rgb(240, 255, 238)  
}
```

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(240, 255, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 255, 238) }
```

Border

The CSS property to change the border of an element to YIQ 248.5770, -3.4830, -8.4670 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(240, 255, 238) }
```


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

```
.border{ border-color:rgb(240, 255, 238) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 255, 238)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 255, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 255, 238);  
box-shadow:4px 4px 4px 4px rgb(240, 255,  
238) }
```

Background

The CSS property to change the background color of an element to YIQ 248.5770, -3.4830, -8.4670 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 255, 238) }
```

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

```
.background{ background-color: rgb(240,  
255, 238) }
```

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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