

Converting Colors

YIQ(241.4330, -2.4770, 6.3470)

Have a look what the booklet for
YIQ(241.4330, -2.4770, 6.3470)
contains.

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Color

**YIQ(241.4330, -2.4770,
6.3470)**

Conversions

Conversions Part 1

Format	Color
Hex	F3EEFF
RGB	243, 238, 255
RGB Percent	95%, 93%, 100%
CMY	0.0470, 0.0667, 0.0000
CMYK	0.05, 0.07, 0.00, 0.00
HSL	258°, 100%, 97%
HSV	258°, 7%, 100%
XYZ	85.5871, 87.4232, 106.9662
YIQ	241.4330, -2.4770, 6.3470

Conversions

Conversions Part 2

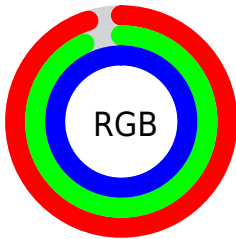
Format	Color
R_{YB}	243, 238, 255
Decimal	15986431
CIE _{Lab}	94.92, 4.74, -7.58
CIE _{LCh}	95, 8.940, 301.990
Yxy	87.4232, 0.3057, 0.3123
Android (android.graphics.Color)	4294176511 (0xFF3EEFF)
YUV	241.4330, 6.6885, 1.3743
Hunter-Lab	93.5004, -0.2327, -2.3786

Details

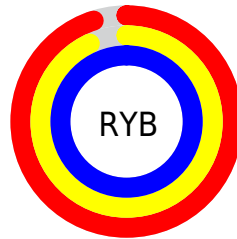
The YIQ color **241.4330, -2.4770, 6.3470** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **251.5670, 2.4770, -6.3470**, and the grayscale version is **241.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **255.0000, -0.0000, -0.0000**, and **185.3190, -2.1560, 6.0360** is the 20% darker color. If you saturate the color by 10%, you get **221.3760, -6.3300, 15.6060**, and if you desaturate by 10%, it is **255.0000, -0.0000, -0.0000**.

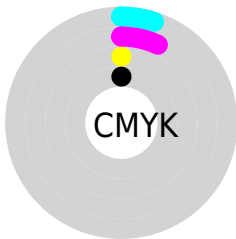
Distribution



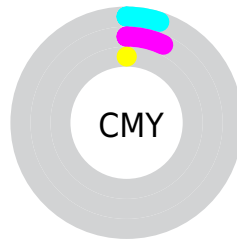
- Red (95%)
- Green (93%)
- Blue (100%)



- Red (95%)
- Yellow (93%)
- Blue (100%)



- Cyan (5%)
- Magenta (7%)
- Yellow (0%)
- Black (0%)



- Cyan (5%)
- Magenta (7%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 241.4330, -2.4770, 6.3470 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 241.4330, -2.4770, 6.3470 by changing the saturation by 10% instead.

241.4330, -2.4770,
6.3470

241.4330, -2.4770,
6.3470

255.0000, -0.0000,
-0.0000

213.3190, -2.1560,
6.0360

185.3190, -2.1560,
6.0360

158.3190, -2.1560,
6.0360

132.3190, -2.1560,
6.0360

106.9060, -2.4310,
5.5130

82.7920, -2.1100,
5.2020

59.7920, -2.1100,

5.2020

■ 38.2650, -2.0640,
4.3680

■ 16.9770, -1.1930,
5.1030

■ 241.4330, -2.4770,
6.3470

■ 241.4330, -2.4770,
6.3470

■ 221.3760, -6.3300,
15.6060

255.0000, -0.0000,
-0.0000

■ 200.7320, -9.9080,
25.3880

■ 180.6750,
-13.7610, 34.6470

■ 160.0310,
-17.3390, 44.4290

■ 139.9740,
-21.1920, 53.6880

■ 119.3300,
-24.7700, 63.4700

■ 99.2730, -28.6230,
72.7290

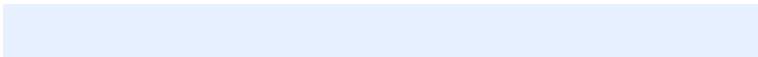
■ 78.6290, -32.2010,
82.5110

■ 58.5720, -36.0540,
91.7700

Harmonies

Analogous

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



239.9050, -9.8580, 2.4460



241.4330, -2.4770, 6.3470



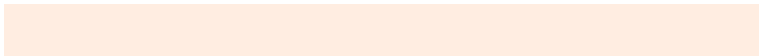
242.5650, 5.9590, 7.6470

Triad

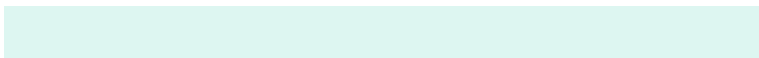
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



241.4330, -2.4770, 6.3470



241.0140, 14.5800, 0.0840



237.9550, -13.2950, -6.8550

Complementary

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



241.4330, -2.4770, 6.3470



251.5670, 2.4770, -6.3470

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.



238.4350, -5.9590, -7.6470



241.4330, -2.4770, 6.3470



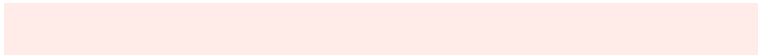
240.1550, 9.6290, -3.8030

Square

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



241.4330, -2.4770, 6.3470



240.6380, 12.8830, 3.3070



239.2680, 1.8810, -6.5590



237.6820, -16.7800, -4.2680

Rectangle

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



241.4330, -2.4770, 6.3470



241.8920, 9.3520, 6.7280



239.2680, 1.8810, -6.5590



238.2110, -11.1400, -7.3640

Sweetspot

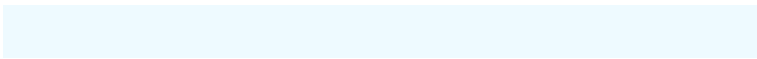
The Sweet Spot groups the original color and five complimentary colors.



241.4330, -2.4770, 6.3470



250.8690, -1.0090, 1.7670



246.9820, -8.7570, -0.9890



125.6410, -0.3670, 1.1450



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.



241.4330, -2.4770, 6.3470



239.0740, -2.8440, 7.4920



243.8250, 2.2910, 8.0430



117.6780, -1.7890, 4.8910



38.5180, -27.9350, 71.2730



12.9770, -9.2200, 23.9320

Inverse Universe

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



244.4510, 6.2800, 7.3360



242.5760, 7.4260, 8.5940



249.1750, -2.2910, -8.0430



119.9130, 4.8590, 5.5550



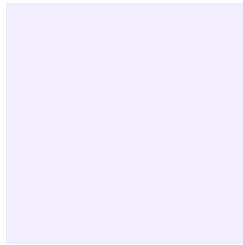
72.4990, 70.5010, 82.4770



24.2660, 23.6990, 27.5630

Previews

White Background



This preview shows how the YIQ color 241.4330, -2.4770, 6.3470 looks on a white background.

Color Contrast Check

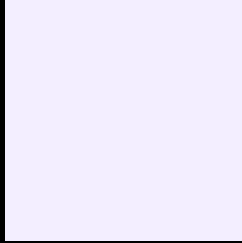
Large Text (above 18pt) WCAG AA × Fail

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 241.4330, -2.4770, 6.3470 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

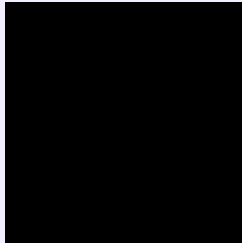
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 241.4330, -2.4770, 6.3470

Background



This preview shows how black text looks on a background with the YIQ color 241.4330, -2.4770, 6.3470.



This preview shows how white text looks on a background with the YIQ color 241.4330, -2.4770,

6.3470.

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

241.4330, -2.4770, 6.3470

Protanopia

241.1230, -4.5400, 5.1880

Deuteranopia

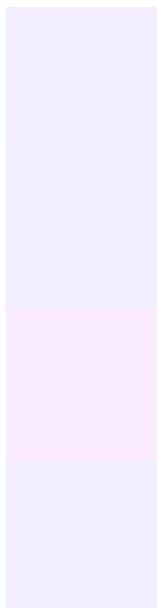
242.5590, 6.0960, 10.6720



Tritanopia

241.4330, -2.4770, 6.3470

Trichromacy



Original Color

241.4330, -2.4770, 6.3470

Protanomaly

241.4220, -3.9440, 5.4000

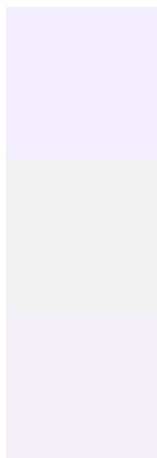
Deuteranomaly

241.9500, 3.4370, 9.3010

Tritanomaly

241.4330, -2.4770, 6.3470

Monochromacy



Original Color

241.4330, -2.4770, 6.3470

Achromatopsia

241.0000, -0.0000, -0.0000

Achromatomaly

241.2820, -0.7340, 2.2900

CSS Examples

Text

The CSS property to change the color of the text to YIQ 241.4330, -2.4770, 6.3470 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(243, 238, 255)` looks like.

```
.text, #text, p{  
    color:rgb(243, 238, 255)  
}
```

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(243, 238, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 238, 255) }
```

Border

The CSS property to change the border of an element to YIQ 241.4330, -2.4770, 6.3470 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(243, 238, 255) }
```


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

```
.border{ border-color:rgb(243, 238, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 238, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 238, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 238, 255);  
box-shadow:4px 4px 4px 4px rgb(243, 238,  
255) }
```

Background

The CSS property to change the background color of an element to YIQ 241.4330, -2.4770, 6.3470 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 238, 255) }
```

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

```
.background{ background-color: rgb(243,  
238, 255) }
```

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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