

Converting Colors

YIQ(245.2430, -4.9980, 2.4740)

Have a look what the booklet for
YIQ(245.2430, -4.9980, 2.4740)
contains.

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Color

**YIQ(245.2430, -4.9980,
2.4740)**

Conversions

Conversions Part 1

Format	Color
Hex	F2F5FF
RGB	242, 245, 255
RGB Percent	95%, 96%, 100%
CMY	0.0510, 0.0392, 0.0000
CMYK	0.05, 0.04, 0.00, 0.00
HSL	226°, 100%, 97%
HSV	226°, 5%, 100%
XYZ	87.3195, 91.4023, 107.6420
YIQ	245.2430, -4.9980, 2.4740

Conversions

Conversions Part 2

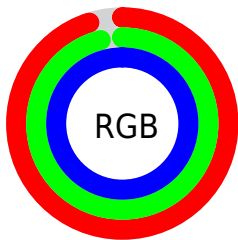
Format	Color
R _Y B	242, 244, 255
Decimal	15922687
CIE Lab	96.58, 0.83, -5.14
CIE LCh	97, 5.208, 279.125
Yxy	91.4023, 0.3049, 0.3192
Android (android.graphics.Color)	4294112767 (0xFF2F5FF)
YUV	245.2430, 4.8102, -2.8441
Hunter-Lab	95.6046, -4.2767, 0.1681

Details

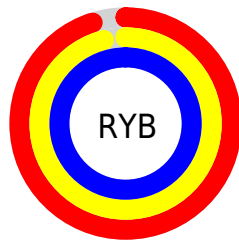
The YIQ color $245.2430, -4.9980, 2.4740$ is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be $251.7570, 4.9980, -2.4740$, and the grayscale version is $245.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $189.1290, -4.6770, 2.1630$ is the 20% darker color. If you saturate the color by 10%, you get $226.0280, -14.3980, 7.6340$, and if you desaturate by 10%, it is $255.0000, -0.0000, -0.0000$.

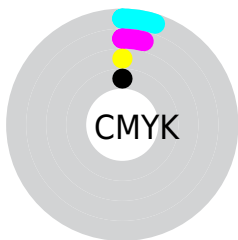
Distribution



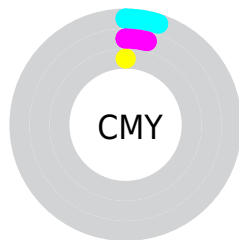
- Red (95%)
- Green (96%)
- Blue (100%)



- Red (95%)
- Yellow (96%)
- Blue (100%)



- Cyan (5%)
- Magenta (4%)
- Yellow (0%)
- Black (0%)



- Cyan (5%)
- Magenta (4%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 245.2430, -4.9980, 2.4740 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 245.2430, -4.9980, 2.4740 by changing the saturation by 10% instead.

245.2430, -4.9980,
2.4740

245.2430, -4.9980,
2.4740

255.0000, -0.0000,
-0.0000

217.1290, -4.6770,
2.1630

189.1290, -4.6770,
2.1630

162.1290, -4.6770,
2.1630

136.1290, -4.6770,
2.1630

110.4280, -4.0810,
2.3750

86.0150, -4.3560,
1.8520

63.0150, -4.3560,

1.8520

■ 40.9010, -4.0350,
1.5410

■ 20.2000, -3.4390,
1.7530

■ 245.2430, -4.9980,
2.4740

■ 245.2430, -4.9980,
2.4740

■ 226.0280,
-14.3980, 7.6340

255.0000, -0.0000,
-0.0000

■ 207.1010,
-24.6690, 12.0590

■ 187.8860,
-34.0690, 17.2190

■ 168.9590,
-44.3400, 21.6440

■ 149.7440,
-53.7400, 26.8040

■ 130.2300,
-63.7360, 31.7520

■ 111.6020,
-73.4110, 36.3890

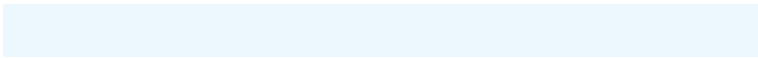
■ 92.0880, -83.4070,
41.3370

■ 73.4600, -93.0820,
45.9740

Harmonies

Analogous

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



244.8080, -8.2070, 0.0570



245.2430, -4.9980, 2.4740



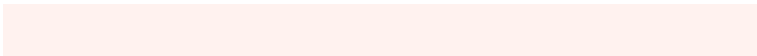
245.6350, -0.2300, 4.1700

Triad

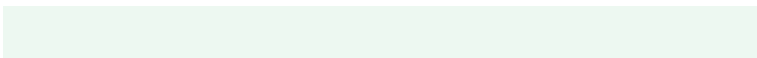
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



245.2430, -4.9980, 2.4740



245.5450, 8.7110, 1.8230



243.9130, -4.3090, -4.5090

Complementary

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



245.2430, -4.9980, 2.4740



251.7570, 4.9980, -2.4740

Split Complementary

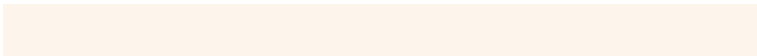
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



244.3650, 0.2300, -4.1700



245.2430, -4.9980, 2.4740



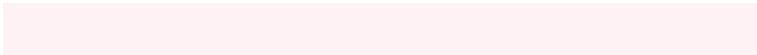
245.7790, 7.9320, -0.5800

Square

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



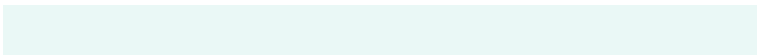
245.2430, -4.9980, 2.4740



246.1150, 7.1060, 3.3780



244.7570, 4.9980, -2.4740



243.5860, -7.7020, -3.5900

Rectangle

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



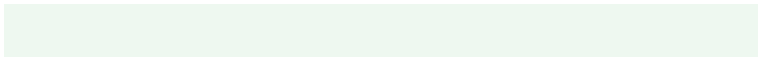
245.2430, -4.9980, 2.4740



246.4890, 3.1170, 4.0850



244.7570, 4.9980, -2.4740



244.0980, -3.3920, -4.6080

Sweetspot

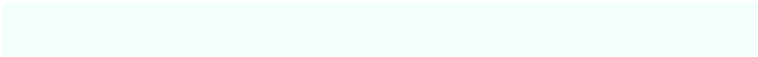
The Sweet Spot groups the original color and five complimentary colors.



245.2430, -4.9980, 2.4740



251.1570, -1.8800, 1.0320



250.7710, -6.7850, -3.6890



125.9290, -1.2380, 0.4100



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.



245.2430, -4.9980, 2.4740



243.4710, -5.6400, 3.0960



244.3790, -2.3850, 4.6790



121.2000, -3.4390, 1.7530



47.6020, -73.4110, 36.3890



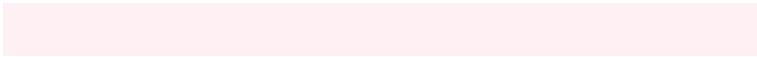
16.1010, -24.6690, 12.0590

Inverse Universe

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



246.2290, 6.7850, 3.6890



244.8270, 7.9770, 4.1130



252.6210, 2.3850, -4.6790



121.9190, 4.7220, 2.5300



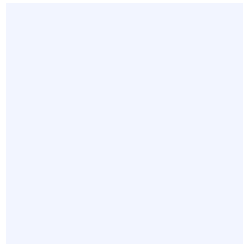
62.1250, 99.7120, 54.1760



20.8460, 33.3290, 18.2330

Previews

White Background



This preview shows how the YIQ color 245.2430, -4.9980, 2.4740 looks on a white background.

Color Contrast Check

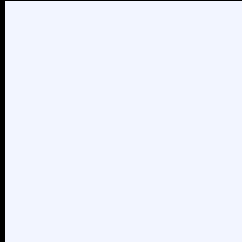
Large Text (above 18pt) WCAG AA × Fail

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 245.2430, -4.9980, 2.4740 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

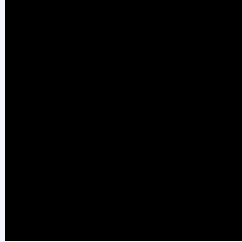
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 245.2430, -4.9980, 2.4740

Background



This preview shows how black text looks on a background with the YIQ color 245.2430, -4.9980, 2.4740.



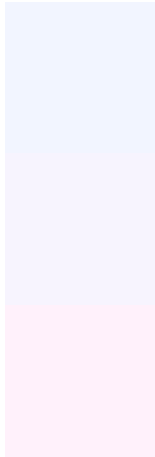
This preview shows how white text looks on a background with the YIQ color 245.2430, -4.9980,

2.4740.

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

245.2430, -4.9980, 2.4740

Protanopia

246.0370, -1.4220, 3.7460

Deuteranopia

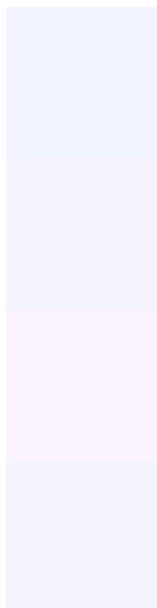
246.3260, 5.1340, 6.0780



Tritanopia

245.2540, -3.5310, 3.4210

Trichromacy



Original Color

245.2430, -4.9980, 2.4740

Protanomaly

245.4390, -2.6140, 3.3220

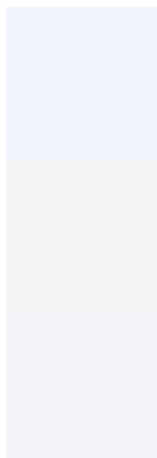
Deuteranomaly

245.5320, 1.5580, 4.8060

Tritanomaly

244.9550, -4.1270, 3.2090

Monochromacy



Original Color

245.2430, -4.9980, 2.4740

Achromatopsia

245.0000, -0.0000, 0.0000

Achromatomaly

245.1570, -1.8800, 1.0320

CSS Examples

Text

The CSS property to change the color of the text to YIQ 245.2430, -4.9980, 2.4740 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(242, 245, 255)` looks like.

```
.text, #text, p{  
    color:rgb(242, 245, 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(242, 245, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 245, 255) }
```

Border

The CSS property to change the border of an element to YIQ 245.2430, -4.9980, 2.4740 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(242, 245, 255) }
```


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

```
.border{ border-color:rgb(242, 245, 255) }
```

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

Here you see how a box with a 4 pixel rgb(242, 245, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 245, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 245, 255);  
box-shadow:4px 4px 4px 4px rgb(242, 245,  
255) }
```

Background

The CSS property to change the background color of an element to YIQ 245.2430, -4.9980, 2.4740 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 245, 255) }
```

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

```
.background{ background-color: rgb(242,  
245, 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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