

Converting Colors

YIQ(242.9440, -5.5940, 2.2620)

Have a look what the booklet for
YIQ(242.9440, -5.5940, 2.2620)
contains.

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Color

**YIQ(242.9440, -5.5940,
2.2620)**

Conversions

Conversions Part 1

Format	Color
Hex	EFF3FD
RGB	239, 243, 253
RGB Percent	94%, 95%, 99%
CMY	0.0627, 0.0470, 0.0079
CMYK	0.06, 0.04, 0.00, 0.01
HSL	223°, 78%, 96%
HSV	223°, 6%, 99%
XYZ	85.3758, 89.5441, 105.7061
YIQ	242.9440, -5.5940, 2.2620

Conversions

Conversions Part 2

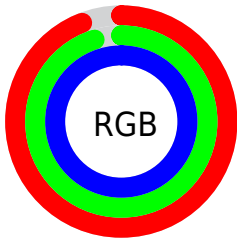
Format	Color
R _Y B	239, 242, 253
Decimal	15725565
CIE Lab	95.81, 0.50, -5.26
CIE LCh	96, 5.288, 275.459
Yxy	89.5441, 0.3042, 0.3191
Android (android.graphics.Color)	4293915645 (0xFFEFF3FD)
YUV	242.9440, 4.9576, -3.4589
Hunter-Lab	94.6278, -4.5509, 0.0082

Details

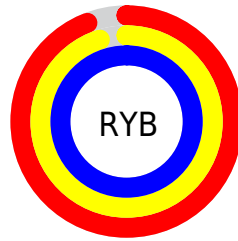
The YIQ color $242.9440, -5.5940, 2.2620$ is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be $249.0560, 5.5940, -2.2620$, and the grayscale version is $243.0000, 0.0000, -0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $186.8300, -5.2730, 1.9510$ is the 20% darker color. If you saturate the color by 10%, you get $224.9030, -15.5440, 6.3760$, and if you desaturate by 10%, it is $254.7720, 0.6420, -0.6220$.

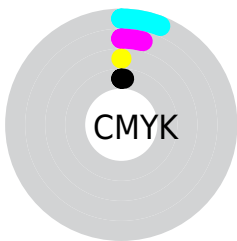
Distribution



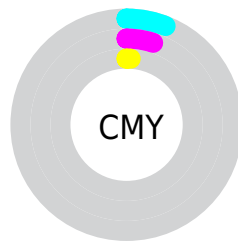
- Red (94%)
- Green (95%)
- Blue (99%)



- Red (94%)
- Yellow (95%)
- Blue (99%)



- Cyan (6%)
- Magenta (4%)
- Yellow (0%)
- Black (1%)



- Cyan (6%)
- Magenta (5%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 242.9440, -5.5940, 2.2620 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 242.9440, -5.5940, 2.2620 by changing the saturation by 10% instead.

■ 242.9440, -5.5940,
2.2620

■ 242.9440, -5.5940,
2.2620

255.0000, -0.0000,
-0.0000

■ 214.8300, -5.2730,
1.9510

■ 186.8300, -5.2730,
1.9510

■ 159.8300, -5.2730,
1.9510

■ 133.8300, -5.2730,
1.9510

■ 108.7160, -4.9520,
1.6400

■ 84.1290, -4.6770,
2.1630

■ 61.0150, -4.3560,

1.8520

■ 39.0150, -4.3560,
1.8520

■ 18.6020, -4.6310,
1.3290

■ 242.9440, -5.5940,
2.2620

■ 242.9440, -5.5940,
2.2620

■ 224.9030,
-15.5440, 6.3760

254.7720, 0.6420,
-0.6220

■ 206.5630,
-26.0900, 10.2780

■ 188.5220,
-36.0400, 14.3920

■ 170.4810,
-45.9900, 18.5060

■ 152.4400,
-55.9400, 22.6200

■ 134.1000,
-66.4860, 26.5220

■ 116.0590,
-76.4360, 30.6360

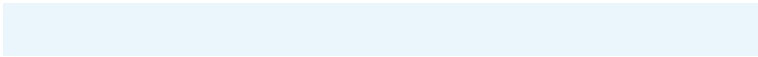
■ 98.0180, -86.3860,
34.7500

■ 79.6780, -96.9320,
38.6520

Harmonies

Analogous

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



242.5090, -8.8030, -0.1550



242.9440, -5.5940, 2.2620



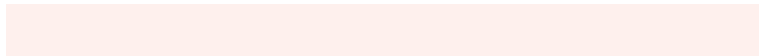
243.3360, -0.8260, 3.9580

Triad

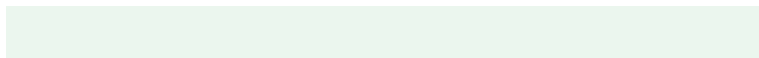
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



242.9440, -5.5940, 2.2620



243.8440, 9.3070, 2.0350



241.7990, -3.9880, -4.8200

Complementary

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



242.9440, -5.5940, 2.2620



249.0560, 5.5940, -2.2620

Split Complementary

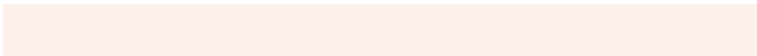
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



241.7780, 0.5050, -3.6470



242.9440, -5.5940, 2.2620



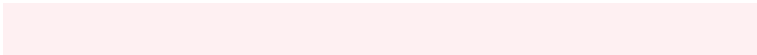
243.1920, 8.2070, -0.0570

Square

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



242.9440, -5.5940, 2.2620



244.4140, 7.7020, 3.5900



242.7570, 4.9980, -2.4740



241.2870, -8.2980, -3.8020

Rectangle

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



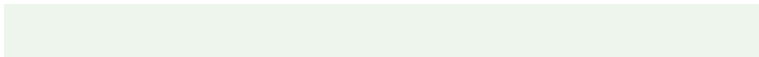
242.9440, -5.5940, 2.2620



243.7170, 2.4750, 4.7070



242.7570, 4.9980, -2.4740



241.6960, -2.2000, -4.1840

Sweetspot

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



242.9440, -5.5940, 2.2620



251.1570, -1.8800, 1.0320



248.3580, -7.0600, -4.2120



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.



242.9440, -5.5940, 2.2620



241.9870, -7.1530, 2.9830



241.4930, -2.7060, 4.9900



120.0150, -4.3560, 1.8520



54.0590, -76.4360, 30.6360



17.8620, -25.4940, 10.4900

Inverse Universe

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



243.6420, 7.0600, 4.2120



242.9520, 9.1230, 5.3710



250.5070, 2.7060, -4.9900



120.6310, 5.5930, 3.2650



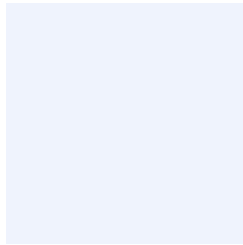
63.3790, 96.1810, 57.5970



21.1880, 32.3660, 19.1660

Previews

White Background



This preview shows how the YIQ color 242.9440, -5.5940, 2.2620 looks on a white background.

Color Contrast Check

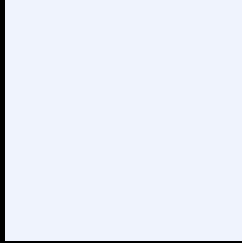
Large Text (above 18pt) WCAG AA × Fail

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 242.9440, -5.5940, 2.2620 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

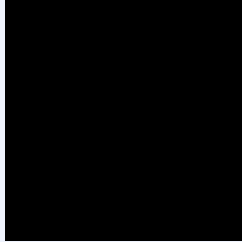
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

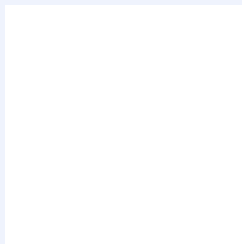
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 242.9440, -5.5940, 2.2620

Background



This preview shows how black text looks on a background with the YIQ color 242.9440, -5.5940, 2.2620.



This preview shows how white text looks on a background with the YIQ color 242.9440, -5.5940,

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

242.9440, -5.5940, 2.2620

Protanopia

243.1510, -1.7430, 4.0570

Deuteranopia

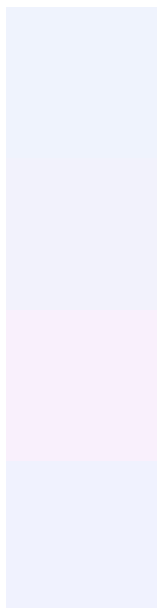
244.5650, 5.9590, 7.6470



Tritanopia

243.1830, -4.7690, 3.8310

Trichromacy



Original Color

242.9440, -5.5940, 2.2620

Protanomaly

243.1400, -3.2100, 3.1100

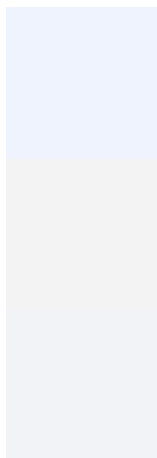
Deuteranomaly

244.0590, 1.5120, 5.6400

Tritanomaly

242.7700, -5.0440, 3.3080

Monochromacy



Original Color

242.9440, -5.5940, 2.2620

Achromatopsia

243.0000, 0.0000, -0.0000

Achromatomaly

243.1570, -1.8800, 1.0320

CSS Examples

Text

The CSS property to change the color of the text to YIQ 242.9440, -5.5940, 2.2620 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(239, 243, 253)` looks like.

```
.text, #text, p{  
    color:rgb(239, 243, 253)  
}
```

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(239, 243, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 243, 253) }
```

Border

The CSS property to change the border of an element to YIQ 242.9440, -5.5940, 2.2620 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(239, 243, 253) }
```


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

```
.border{ border-color:rgb(239, 243, 253) }
```

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

Here you see how a box with a 4 pixel `rgb(239, 243, 253)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 243, 253); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 243, 253);  
box-shadow:4px 4px 4px 4px rgb(239, 243,  
253) }
```

Background

The CSS property to change the background color of an element to YIQ 242.9440, -5.5940, 2.2620 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 243, 253) }
```

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

```
.background{ background-color: rgb(239,  
243, 253) }
```

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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