

Converting Colors

YIQ(240.9980, -5.6860, 3.9300)

Have a look what the booklet for
YIQ(240.9980, -5.6860, 3.9300)
contains.

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Color

**YIQ(240.9980, -5.6860,
3.9300)**

Conversions

Conversions Part 1

Format	Color
Hex	EEF0FE
RGB	238, 240, 254
RGB Percent	93%, 94%, 100%
CMY	0.0667, 0.0588, 0.0039
CMYK	0.06, 0.06, 0.00, 0.00
HSL	232°, 89%, 96%
HSV	232°, 6%, 100%
XYZ	84.3086, 87.6532, 106.2340
YIQ	240.9980, -5.6860, 3.9300

Conversions

Conversions Part 2

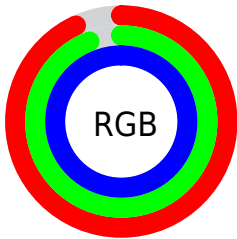
Format	Color
R _Y B	238, 240, 254
Decimal	15659262
CIE Lab	95.01, 1.90, -6.96
CIE LCh	95, 7.215, 285.276
Yxy	87.6532, 0.3031, 0.3151
Android (android.graphics.Color)	4293849342 (0xFFEEF0FE)
YUV	240.9980, 6.4100, -2.6292
Hunter-Lab	93.6233, -3.0999, -1.7398

Details

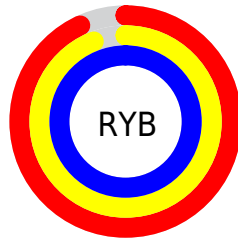
The YIQ color $240.9980, -5.6860, 3.9300$ is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be $251.0020, 5.6860, -3.9300$, and the grayscale version is $241.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $184.8840, -5.3650, 3.6190$ is the 20% darker color. If you saturate the color by 10%, you get $220.6090, -14.5360, 10.1360$, and if you desaturate by 10%, it is $254.8860, 0.3210, -0.3110$.

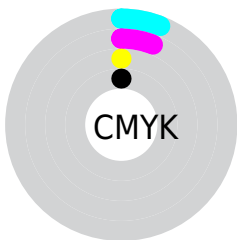
Distribution



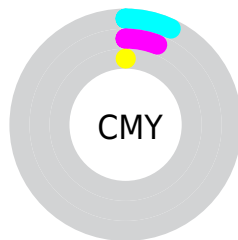
- Red (93%)
- Green (94%)
- Blue (100%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the YIQ color 240.9980, -5.6860, 3.9300 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 240.9980, -5.6860, 3.9300 by changing the saturation by 10% instead.

240.9980, -5.6860,
3.9300

240.9980, -5.6860,
3.9300

255.0000, -0.0000,
-0.0000

212.8840, -5.3650,
3.6190

184.8840, -5.3650,
3.6190

157.8840, -5.3650,
3.6190

131.8840, -5.3650,
3.6190

106.7700, -5.0440,
3.3080

82.6560, -4.7230,
2.9970

59.6560, -4.7230,

2.9970

■ 37.5420, -4.4020,
2.6860

■ 16.9550, -4.1270,
3.2090

■ 240.9980, -5.6860,
3.9300

■ 240.9980, -5.6860,
3.9300

■ 220.6090,
-14.5360, 10.1360

254.8860, 0.3210,
-0.3110

■ 199.9210,
-23.9820, 16.1300

■ 178.9450,
-32.5570, 22.8590

■ 158.2570,
-42.0030, 28.8530

■ 137.8680,
-50.8530, 35.0590

■ 117.4790,
-59.7030, 41.2650

■ 96.2040, -68.8740,
47.7820

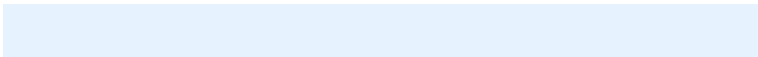
■ 75.8150, -77.7240,
53.9880

■ 55.1270, -87.1700,
59.9820

Harmonies

Analogous

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



239.7800, -11.0040, 1.1880



240.9980, -5.6860, 3.9300



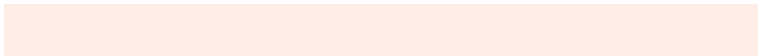
241.7600, 0.9160, 5.4280

Triad

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



240.9980, -5.6860, 3.9300



241.6980, 12.6540, 1.9500



239.0050, -7.5640, -6.0920

Complementary

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



240.9980, -5.6860, 3.9300



251.0020, 5.6860, -3.9300

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.



239.2400, -0.9160, -5.4280



240.9980, -5.6860, 3.9300



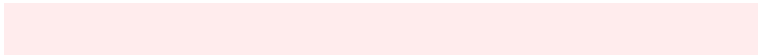
240.9210, 10.4080, -1.4000

Square

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



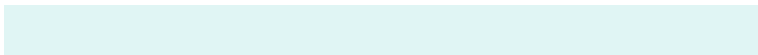
240.9980, -5.6860, 3.9300



241.7950, 11.0030, 4.3390



240.0020, 5.6860, -3.9300



238.6070, -12.1950, -4.7630

Rectangle

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



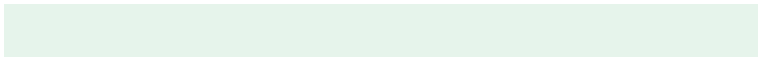
240.9980, -5.6860, 3.9300



242.3260, 5.1340, 6.0780



240.0020, 5.6860, -3.9300



238.7880, -5.4550, -5.7670

Sweetspot

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



240.9980, -5.6860, 3.9300



251.1570, -1.8800, 1.0320



248.9880, -8.8940, -4.0140



125.3420, -0.9630, 0.9330



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.



240.9980, -5.6860, 3.9300



238.4540, -6.9700, 5.1740



241.6180, -1.5600, 6.2480



117.0690, -4.4480, 3.5200



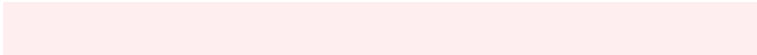
35.8620, -67.9110, 46.8490



11.9920, -22.7440, 15.7200

Inverse Universe

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



243.0120, 8.8940, 4.0140



241.2080, 11.2780, 4.8620



250.3820, 1.5600, -6.2480



119.0010, 7.4270, 3.0670



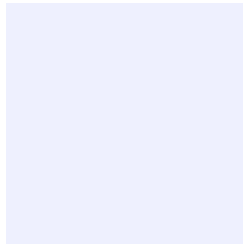
59.8450, 106.1320, 47.9560



20.0480, 35.5760, 16.0560

Previews

White Background



This preview shows how the YIQ color 240.9980, -5.6860, 3.9300 looks on a white background.

Color Contrast Check

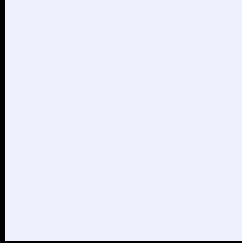
Large Text (above 18pt) WCAG AA × Fail

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 240.9980, -5.6860, 3.9300 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

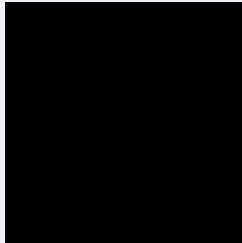
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 240.9980, -5.6860, 3.9300

Background



This preview shows how black text looks on a background with the YIQ color 240.9980, -5.6860, 3.9300.



This preview shows how white text looks on a background with the YIQ color 240.9980, -5.6860,

3.9300.

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

240.9980, -5.6860, 3.9300

Protanopia

241.1940, -3.3020, 4.7780

Deuteranopia

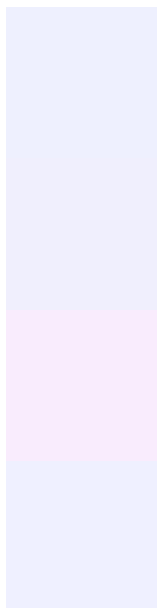
242.4450, 6.4170, 10.3610



Tritanopia

241.4110, -5.4110, 4.4530

Trichromacy



Original Color

240.9980, -5.6860, 3.9300

Protanomaly

240.8950, -3.8980, 4.5660

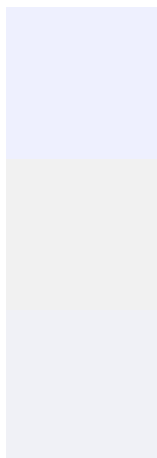
Deuteranomaly

241.8250, 2.2910, 8.0430

Tritanomaly

241.4110, -5.4110, 4.4530

Monochromacy



Original Color

240.9980, -5.6860, 3.9300

Achromatopsia

241.0000, -0.0000, -0.0000

Achromatomaly

241.2710, -2.2010, 1.3430

CSS Examples

Text

The CSS property to change the color of the text to YIQ 240.9980, -5.6860, 3.9300 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(238, 240, 254)` looks like.

```
.text, #text, p{  
    color:rgb(238, 240, 254)  
}
```

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(238, 240, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 240, 254) }
```

Border

The CSS property to change the border of an element to YIQ 240.9980, -5.6860, 3.9300 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(238, 240, 254) }
```


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

```
.border{ border-color:rgb(238, 240, 254) }
```

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

Here you see how a box with a 4 pixel rgb(238, 240, 254) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 240, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 240, 254);  
box-shadow:4px 4px 4px 4px rgb(238, 240,  
254) }
```

Background

The CSS property to change the background color of an element to YIQ 240.9980, -5.6860, 3.9300 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 240, 254) }
```

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

```
.background{ background-color: rgb(238,  
240, 254) }
```

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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