

Converting Colors

YIQ(228.3940, -6.7410, 6.5310)

Have a look what the booklet for
YIQ(228.3940, -6.7410, 6.5310)
contains.

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Color

**YIQ(228.3940, -6.7410,
6.5310)**

Conversions

Conversions Part 1

Format	Color
Hex	E2E2F7
RGB	226, 226, 247
RGB Percent	89%, 89%, 97%
CMY	0.1137, 0.1137, 0.0314
CMYK	0.08, 0.08, 0.00, 0.03
HSL	240°, 57%, 93%
HSV	240°, 8%, 97%
XYZ	75.3483, 77.2768, 98.9314
YIQ	228.3940, -6.7410, 6.5310

Conversions

Conversions Part 2

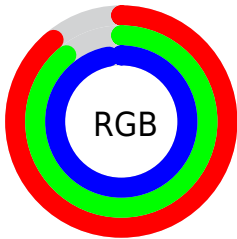
Format	Color
R _Y B	226, 226, 247
Decimal	14869239
CIE Lab	90.45, 3.92, -10.18
CIE LCh	90, 10.908, 291.066
Yxy	77.2768, 0.2995, 0.3072
Android (android.graphics.Color)	4293059319 (0xFFE2E2F7)
YUV	228.3940, 9.1728, -2.0995
Hunter-Lab	87.9072, -0.8392, -5.1904

Details

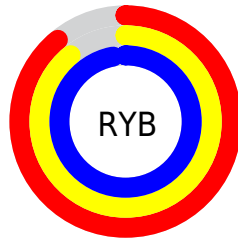
The YIQ color `228.3940, -6.7410, 6.5310` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `244.6060, 6.7410, -6.5310`, and the grayscale version is `228.0000, 0.0000, 0.0000`.

A 20% lighter version of the original color is `255.0000, -0.0000, -0.0000`, and `173.2800, -6.4200, 6.2200` is the 20% darker color. If you saturate the color by 10%, you get `206.2440, -14.7660, 14.3060`, and if you desaturate by 10%, it is `250.5440, 1.2840, -1.2440`.

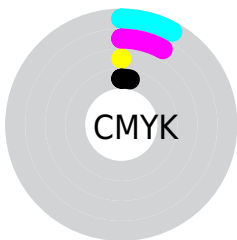
Distribution



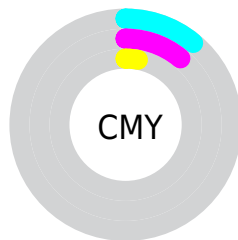
- Red (89%)
- Green (89%)
- Blue (97%)



- Red (89%)
- Yellow (89%)
- Blue (97%)



- Cyan (8%)
- Magenta (8%)
- Yellow (0%)
- Black (3%)



- Cyan (11%)
- Magenta (11%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 228.3940, -6.7410, 6.5310 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 228.3940, -6.7410, 6.5310 by changing the saturation by 10% instead.

■ 228.3940, -6.7410,
6.5310

■ 228.3940, -6.7410,
6.5310

255.0000, -0.0000,
-0.0000

■ 200.2800, -6.4200,
6.2200

■ 173.2800, -6.4200,
6.2200

■ 146.2800, -6.4200,
6.2200

■ 120.7530, -6.3740,
5.3860

■ 96.0520, -5.7780,
5.5980

■ 71.9380, -5.4570,
5.2870

■ 49.5250, -5.7320,

4.7640

■ 28.4110, -5.4110,
4.4530

■ 2.5080, -7.0620,
6.8420

■ 228.3940, -6.7410,
6.5310

■ 228.3940, -6.7410,
6.5310

■ 206.2440,
-14.7660, 14.3060

■ 250.5440, 1.2840,
-1.2440

■ 184.9800,
-22.4700, 21.7700

■ 254.0880, 2.5680,
-2.4880

■ 162.8300,
-30.4950, 29.5450

■ 140.6800,
-38.5200, 37.3200

■ 119.4160,
-46.2240, 44.7840

■ 97.2660, -54.2490,
52.5590

■ 75.1160, -62.2740,
60.3340

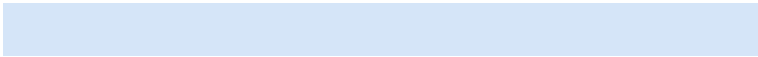
■ 52.9660, -70.2990,
68.1090

■ 31.7020, -78.0030,
75.5730

Harmonies

Analogous

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



226.3820, -15.6350, 2.5170



228.3940, -6.7410, 6.5310



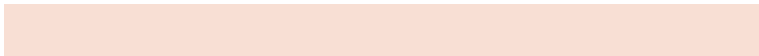
229.5370, 3.1620, 8.7780

Triad

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



228.3940, -6.7410, 6.5310



229.2210, 18.4310, 1.8790



224.4880, -13.4780, -9.0460

Complementary

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



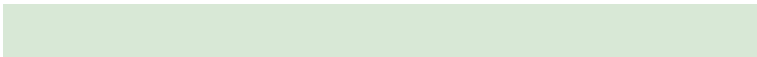
228.3940, -6.7410, 6.5310



244.6060, 6.7410, -6.5310

Split Complementary

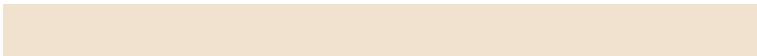
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



225.1640, -3.7580, -8.9900



228.3940, -6.7410, 6.5310



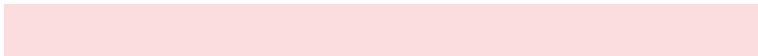
228.0200, 14.4430, -2.9410

Square

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



228.3940, -6.7410, 6.5310



229.9700, 17.8800, 6.3600



226.3070, 6.1450, -6.7430



224.5460, -19.3930, -6.4730

Rectangle

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



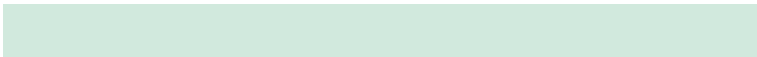
228.3940, -6.7410, 6.5310



229.7720, 9.8100, 9.4420



226.3070, 6.1450, -6.7430



224.4560, -10.4520, -8.8200

Sweetspot

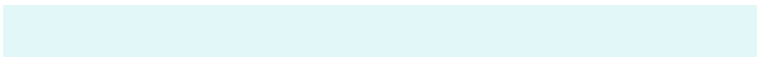
The Sweet Spot groups the original color and five complimentary colors.



228.3940, -6.7410, 6.5310



247.9120, -2.5680, 2.4880



240.7210, -12.5160, -4.4520



122.6840, -1.9260, 1.8660



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.



228.3940, -6.7410, 6.5310



232.8500, -8.0250, 7.7750



231.3840, -0.7810, 8.6510



111.3680, -3.8520, 3.7320



21.2040, -59.7060, 57.8460



6.7260, -18.9390, 18.3490

Inverse Universe

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



234.6730, 5.7750, 10.9830



240.3250, 6.8750, 13.0750



241.3170, 0.1850, -8.8630



114.9560, 3.3000, 6.2760



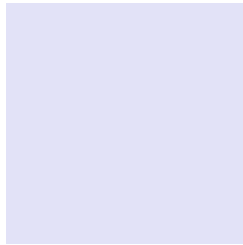
76.8180, 51.1500, 97.2780



24.3670, 16.2250, 30.8570

Previews

White Background



This preview shows how the YIQ color 228.3940, -6.7410, 6.5310 looks on a white background.

Color Contrast Check

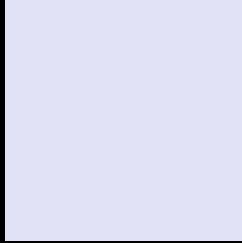
Large Text (above 18pt) WCAG AA × Fail

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 228.3940, -6.7410, 6.5310 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

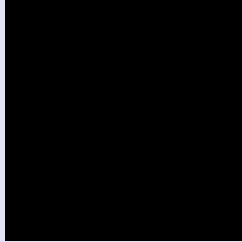
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 228.3940, -6.7410, 6.5310

Background



This preview shows how black text looks on a background with the YIQ color 228.3940, -6.7410, 6.5310.



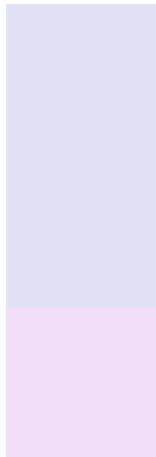
This preview shows how white text looks on a background with the YIQ color 228.3940, -6.7410,

6.5310.

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

228.3940, -6.7410, 6.5310

Protanopia

228.3940, -6.7410, 6.5310

Deuteranopia

229.7590, 2.6570, 12.4250



Tritanopia

228.0520, -5.7780, 5.5980

Trichromacy



Original Color

228.3940, -6.7410, 6.5310

Protanomaly

228.3940, -6.7410, 6.5310

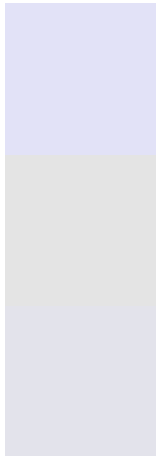
Deuteranomaly

229.4380, -0.8730, 10.3190

Tritanomaly

228.1660, -6.0990, 5.9090

Monochromacy



Original Color

228.3940, -6.7410, 6.5310

Achromatopsia

228.0000, 0.0000, 0.0000

Achromatomaly

227.9120, -2.5680, 2.4880

CSS Examples

Text

The CSS property to change the color of the text to YIQ 228.3940, -6.7410, 6.5310 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(226, 226, 247)` looks like.

```
.text, #text, p{  
    color:rgb(226, 226, 247)  
}
```

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(226, 226, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 226, 247) }
```

Border

The CSS property to change the border of an element to YIQ 228.3940, -6.7410, 6.5310 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(226, 226, 247) }
```


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

```
.border{ border-color:rgb(226, 226, 247) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 226, 247)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 226, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 226, 247);  
box-shadow:4px 4px 4px 4px rgb(226, 226,  
247) }
```

Background

The CSS property to change the background color of an element to YIQ 228.3940, -6.7410, 6.5310 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 226, 247) }
```

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

```
.background{ background-color: rgb(226,  
226, 247) }
```

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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