

Converting Colors

YIQ(232.4350, -5.9590, -7.6470)

Have a look what the booklet for
YIQ(232.4350, -5.9590, -7.6470)
contains.

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Color

**YIQ(232.4350, -5.9590,
-7.6470)**

Conversions

Conversions Part 1

Format	Color
Hex	DEEFE2
RGB	222, 239, 226
RGB Percent	87%, 94%, 89%
CMY	0.1295, 0.0627, 0.1137
CMYK	0.07, 0.00, 0.05, 0.06
HSL	134°, 35%, 90%
HSV	134°, 7%, 94%
XYZ	74.7160, 82.7556, 83.9845
YIQ	232.4350, -5.9590, -7.6470

Conversions

Conversions Part 2

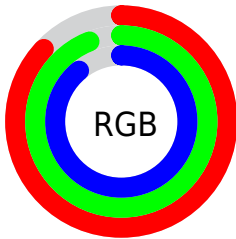
Format	Color
R _Y B	222, 236, 239
Decimal	14610402
CIE Lab	92.91, -7.97, 4.35
CIE LCh	93, 9.085, 151.372
Yxy	82.7556, 0.3094, 0.3427
Android (android.graphics.Color)	4292800482 (0xFFDEEFE2)
YUV	232.4350, -3.1725, -9.1515
Hunter-Lab	90.9701, -12.5913, 8.9420

Details

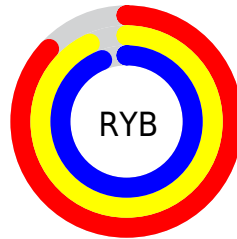
The YIQ color $232.4350, -5.9590, -7.6470$ is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be $228.5650, 5.9590, 7.6470$, and the grayscale version is $232.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $176.8480, -5.6840, -7.1240$ is the 20% darker color. If you saturate the color by 10%, you get $223.2070, -14.4850, -18.3330$, and if you desaturate by 10%, it is $241.6630, 2.5670, 3.0390$.

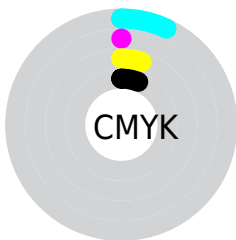
Distribution



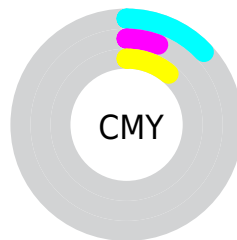
- Red (87%)
- Green (94%)
- Blue (89%)



- Red (87%)
- Yellow (93%)
- Blue (94%)



- Cyan (7%)
- Magenta (0%)
- Yellow (5%)
- Black (6%)



- Cyan (13%)
- Magenta (6%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 232.4350, -5.9590, -7.6470 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 232.4350, -5.9590, -7.6470 by changing the saturation by 10% instead.

■ 232.4350, -5.9590,
-7.6470

■ 232.4350, -5.9590,
-7.6470

255.0000, -0.0000,
-0.0000

■ 204.4350, -5.9590,
-7.6470

■ 176.8480, -5.6840,
-7.1240

■ 149.8480, -5.6840,
-7.1240

■ 124.2610, -5.4090,
-6.6010

■ 99.2610, -5.4090,
-6.6010

■ 75.5600, -4.8130,
-6.3890

■ 52.6740, -5.1340,

-6.0780

■ 31.3860, -4.2630,
-5.3430

■ 9.3920, -4.4000,
-8.3680

■ 232.4350, -5.9590,
-7.6470

■ 232.4350, -5.9590,
-7.6470

■ 223.2070,
-14.4850, -18.3330

■ 241.6630, 2.5670,
3.0390

■ 213.8650,
-22.6900, -29.3300

■ 245.6080, 4.4000,
8.3680

■ 204.6370,
-31.2160, -40.0160

■ 195.4090,
-39.7420, -50.7020

■ 186.1810,
-48.2680, -61.3880

■ 177.1380,
-55.8770, -72.1730

■ 167.9100,
-64.4030, -82.8590

■ 158.6820,
-72.9290, -93.5450

■ 149.4540,
-81.4550, -104.2310

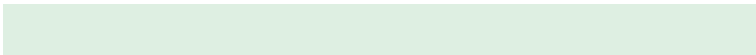
Harmonies

Analogous

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



233.5670, 2.4770, -6.3470



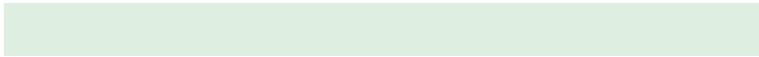
232.4350, -5.9590, -7.6470



231.9550, -13.2950, -6.8550

Triad

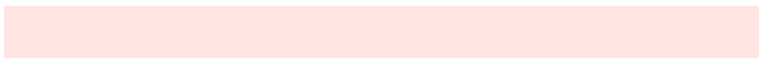
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



232.4350, -5.9590, -7.6470



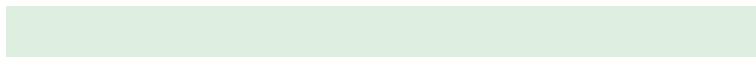
234.2470, -10.8210, 3.3790



236.1330, 15.8630, 4.3670

Complementary

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



232.4350, -5.9590, -7.6470



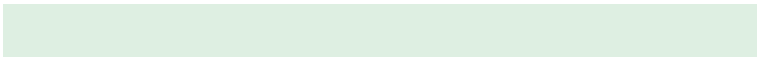
228.5650, 5.9590, 7.6470

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.



236.7460, 12.6990, 6.6430



232.4350, -5.9590, -7.6470



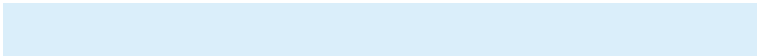
235.5470, -2.7980, 6.6580

Square

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



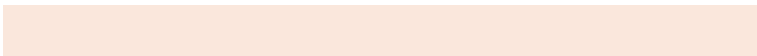
232.4350, -5.9590, -7.6470



233.3880, -15.7720, -0.5080



236.5650, 5.9590, 7.6470



235.4270, 14.8550, 0.6070

Rectangle

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



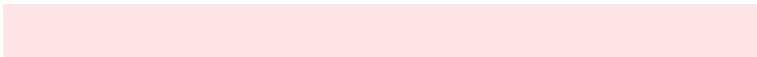
232.4350, -5.9590, -7.6470



232.0410, -16.4130, -5.4130



236.5650, 5.9590, 7.6470



236.4750, 14.9000, 5.3000

Sweetspot

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



232.4350, -5.9590, -7.6470



253.0490, -1.6960, -2.3040



235.8660, 3.0730, -6.1350



126.8750, -1.1460, -1.2580



0.0000, 0.0000, 0.0000



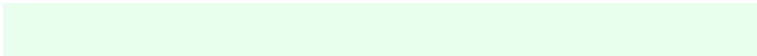
128.0000, -0.0000, -0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



232.4350, -5.9590, -7.6470



246.0710, -7.9300, -10.4740



233.3470, -8.5270, -5.1590



115.3860, -4.2630, -5.3430



112.9100, -64.4030, -82.8590



34.3540, -19.5730, -25.2450

Inverse Universe

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



228.5650, 5.9590, 7.6470



240.9290, 7.9300, 10.4740



227.6530, 8.5270, 5.1590



112.6140, 4.2630, 5.3430



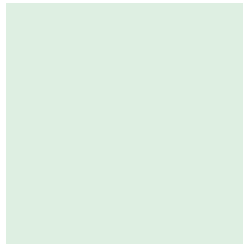
70.9760, 64.7240, 82.5480



21.6460, 19.5730, 25.2450

Previews

White Background



This preview shows how the YIQ color 232.4350, -5.9590, -7.6470 looks on a white background.

Color Contrast Check

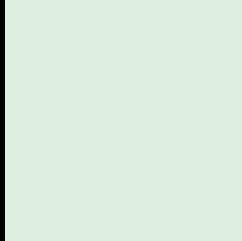
Large Text (above 18pt) WCAG AA × Fail

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 232.4350, -5.9590, -7.6470 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

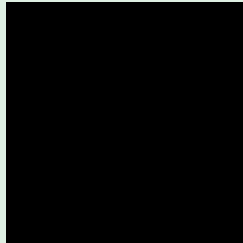
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

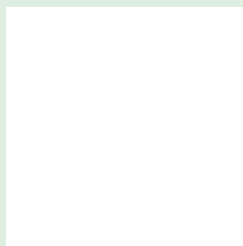
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 232.4350, -5.9590, -7.6470

Background



This preview shows how black text looks on a background with the YIQ color 232.4350, -5.9590, -7.6470.



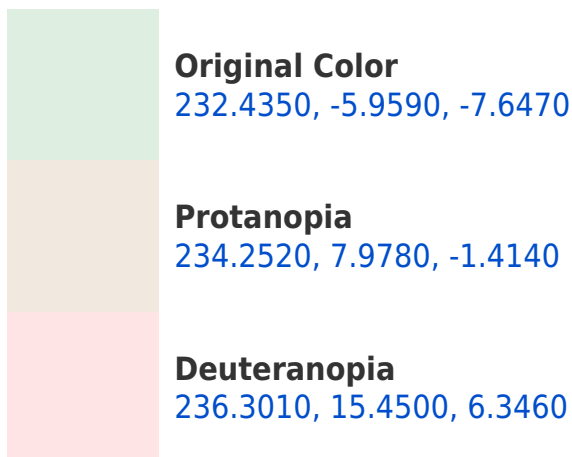
This preview shows how white text looks on a background with the YIQ color 232.4350, -5.9590,

-7.6470.

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

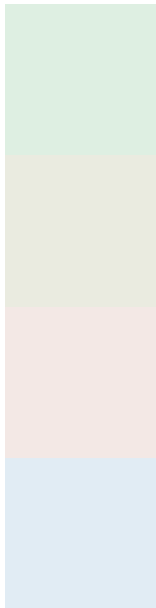




Tritanopia

234.4750, -11.4630, 4.0010

Trichromacy



Original Color

232.4350, -5.9590, -7.6470

Protanomaly

233.4470, 2.9350, -3.6330

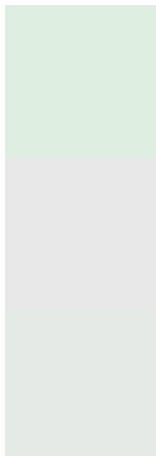
Deuteranomaly

234.9470, 7.5190, 1.3990

Tritanomaly

233.6230, -9.1240, 0.1560

Monochromacy



Original Color

232.4350, -5.9590, -7.6470

Achromatopsia

232.0000, -0.0000, 0.0000

Achromatomaly

232.3370, -2.5670, -3.0390

CSS Examples

Text

The CSS property to change the color of the text to YIQ 232.4350, -5.9590, -7.6470 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(222, 239, 226)` looks like.

```
.text, #text, p{  
    color:rgb(222, 239, 226)  
}
```

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(222, 239, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 239, 226) }
```

Border

The CSS property to change the border of an element to YIQ 232.4350, -5.9590, -7.6470 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(222, 239, 226) }
```


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

```
.border{ border-color:rgb(222, 239, 226) }
```

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

Here you see how a box with a 4 pixel rgb(222, 239, 226) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 239, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 239, 226);  
box-shadow:4px 4px 4px 4px rgb(222, 239,  
226) }
```

Background

The CSS property to change the background color of an element to YIQ 232.4350, -5.9590, -7.6470 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 239, 226) }
```

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

```
.background{ background-color: rgb(222,  
239, 226) }
```

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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