

Converting Colors

YIQ(226.3350, 7.8010, -36.7670)

Have a look what the booklet for
YIQ(226.3350, 7.8010, -36.7670)
contains.

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Color

**YIQ(226.3350, 7.8010,
-36.7670)**

Conversions

Conversions Part 1

Format	Color
Hex	D3F89B
RGB	211, 248, 155
RGB Percent	83%, 97%, 61%
CMY	0.1727, 0.0274, 0.3920
CMYK	0.15, 0.00, 0.37, 0.03
HSL	84°, 87%, 79%
HSV	84°, 37%, 97%
XYZ	66.3440, 83.3550, 43.6143
YIQ	226.3350, 7.8010, -36.7670

Conversions

Conversions Part 2

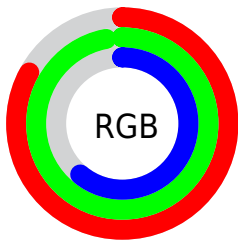
Format	Color
RYB	155, 248, 192
Decimal	13891739
CIELab	93.17, -27.03, 40.79
CIElCh	93, 48.934, 123.526
Yxy	83.3550, 0.3432, 0.4312
Android (android.graphics.Color)	4292081819 (0xFFD3F89B)
YUV	226.3350, -35.1682, -13.4488
Hunter-Lab	91.2990, -30.0630, 35.5859

Details

The YIQ color **226.3350, 7.8010, -36.7670** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **176.6650, -7.8010, 36.7670**, and the grayscale version is **227.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **249.8700, 14.4450, -13.9950**, and **170.0900, 7.1130, -35.3110** is the 20% darker color. If you saturate the color by 10%, you get **220.4950, 9.8660, -46.6620**, and if you desaturate by 10%, it is **232.1750, 5.7360, -26.8720**.

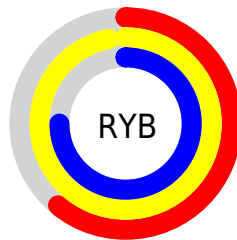
Distribution



Red (83%)

Green (97%)

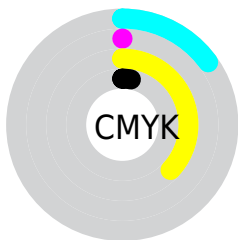
Blue (61%)



Red (61%)

Yellow (97%)

Blue (75%)

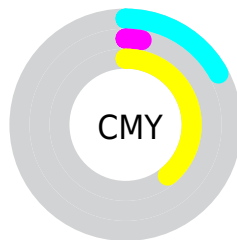


Cyan (15%)

Magenta (0%)

Yellow (37%)

Black (3%)



Cyan (17%)

Magenta (3%)

Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 226.3350, 7.8010, -36.7670 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 226.3350, 7.8010, -36.7670 by changing the saturation by 10% instead.

■ 226.3350, 7.8010,
-36.7670

■ 226.3350, 7.8010,
-36.7670

■ 255.0000, -0.0000,
-0.0000

■ 197.8620, 7.7550,
-35.9330

■ 249.8700, 14.4450,
-13.9950

■ 170.6770, 6.8380,
-35.8340

■ 253.1760, 5.1360,
-4.9760

■ 143.3180, 6.4710,
-34.6890

■ 117.4320, 6.1500,
-34.3780

■ 91.5460, 5.8290,
-34.0670

■ 66.9050, 6.1960,
-35.2120

■ 45.6410, -1.5080,

-27.7480

■ 24.6540, -11.5500,
-21.9660

■ 11.1530, -5.2250,
-9.9370

■ 226.3350, 7.8010,
-36.7670

■ 226.3350, 7.8010,
-36.7670

■ 220.4950, 9.8660,
-46.6620

■ 232.1750, 5.7360,
-26.8720

■ 214.6550, 11.9310,
-56.5570

■ 238.0150, 3.6710,
-16.9770

■ 208.9290, 13.6750,
-66.1410

■ 243.7410, 1.9270,
-7.3930

■ 203.0890, 15.7400,
-76.0360

■ 249.2820, -0.7340,
2.2900

■ 197.5480, 18.4010,
-85.7190

■ 250.8910, 1.9250,
3.6610

■ 191.7080, 20.4660,
-95.6140

■ 190.1270, 20.6040,
-98.1160

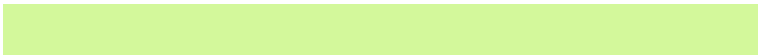
Harmonies

Analogous

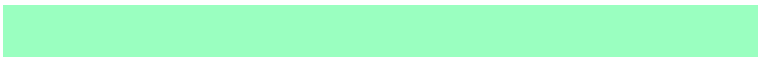
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



229.5630, 42.6900, -24.7820



226.3350, 7.8010, -36.7670



217.6190, -39.9730, -41.0050

Triad

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



226.3350, 7.8010, -36.7670



202.7190, -98.4320, -33.3120



218.9190, 23.0580, 22.6580

Complementary

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



226.3350, 7.8010, -36.7670



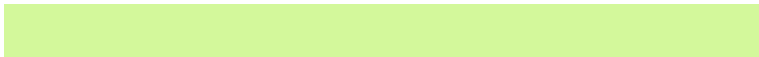
176.6650, -7.8010, 36.7670

Split Complementary

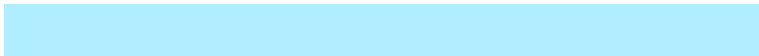
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



225.6500, 13.7500, 26.1500



226.3350, 7.8010, -36.7670



221.4000, -42.4090, -7.8570

Square

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



226.3350, 7.8010, -36.7670



178.7550, -151.9800, -54.0600



232.9490, 5.1780, 16.2980



217.1970, 36.1740, 5.2140

Rectangle

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



226.3350, 7.8010, -36.7670



207.9970, -76.1480, -40.6920



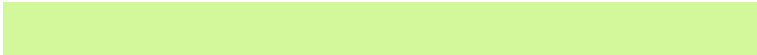
232.9490, 5.1780, 16.2980



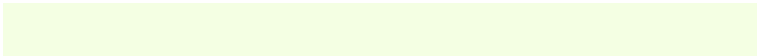
221.3300, 17.6470, 27.1110

Sweetspot

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



226.3350, 7.8010, -36.7670



248.5190, 2.4320, -11.0400



203.9390, 45.5280, 0.8880



123.9690, 1.2850, -6.7710



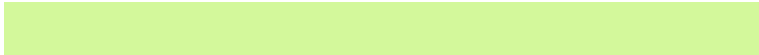
0.0000, 0.0000, 0.0000



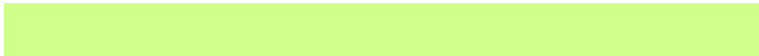
128.0000, -0.0000, -0.0000

Same Dimension

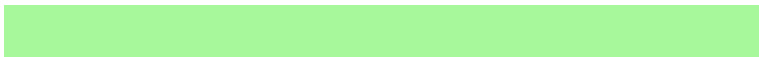
The Same Dimension uses a secret algorithm to generate beautiful new colors.



226.3350, 7.8010, -36.7670



228.1360, 9.4990, -45.5170



212.8800, -19.0190, -46.3070



122.0230, 1.1930, -5.1030



145.0290, 15.9690, -74.6790



46.8700, 5.2770, -24.0590

Inverse Universe

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



176.6650, -7.8010, 36.7670



166.8640, -9.4990, 45.5170



190.1200, 19.0190, 46.3070



114.9770, -1.1930, 5.1030



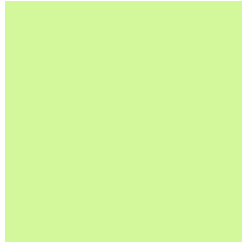
43.9710, -15.9690, 74.6790



14.1300, -5.2770, 24.0590

Previews

White Background



This preview shows how the YIQ color 226.3350, 7.8010, -36.7670 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 226.3350, 7.8010, -36.7670 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

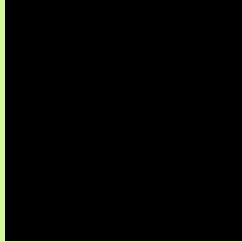
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

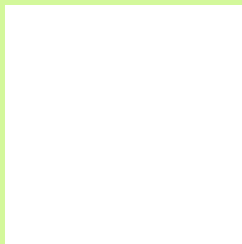
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 226.3350, 7.8010, -36.7670

Background



This preview shows how black text looks on a background with the YIQ color 226.3350, 7.8010, -36.7670.



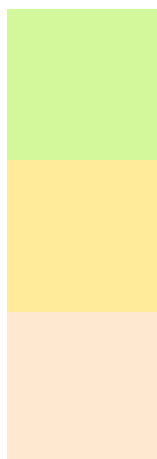
This preview shows how white text looks on a background with the YIQ color 226.3350, 7.8010, -36.7670.

-36.7670.

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

226.3350, 7.8010, -36.7670

Protanopia

231.7460, 37.9210, -20.9510

Deuteranopia

235.5540, 21.6870, -2.0650



Tritanopia

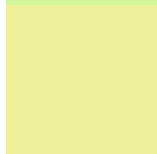
234.8770, -12.6550, 3.5770

Trichromacy



Original Color

226.3350, 7.8010, -36.7670



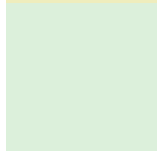
Protanomaly

229.8970, 27.0100, -26.9580



Deuteranomaly

232.1260, 16.6000, -14.5040



Tritanomaly

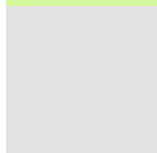
231.6260, -5.1790, -10.7710

Monochromacy



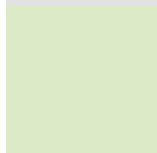
Original Color

226.3350, 7.8010, -36.7670



Achromatopsia

226.0000, -0.0000, 0.0000



Achromatomaly

226.2370, 3.1660, -13.3300

CSS Examples

Text

The CSS property to change the color of the text to YIQ 226.3350, 7.8010, -36.7670 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(211, 248, 155)` looks like.

```
.text, #text, p{  
    color:rgb(211, 248, 155)  
}
```

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(211, 248, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 248, 155) }
```

Border

The CSS property to change the border of an element to YIQ 226.3350, 7.8010, -36.7670 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(211, 248, 155) }
```


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

```
.border{ border-color:rgb(211, 248, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 248, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 248, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 248, 155);  
box-shadow:4px 4px 4px 4px rgb(211, 248,  
155) }
```

Background

The CSS property to change the background color of an element to YIQ 226.3350, 7.8010, -36.7670 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 248, 155) }
```

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

```
.background{ background-color: rgb(211,  
248, 155) }
```

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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