

Converting Colors

YIQ(223.7340, 19.8590,
-35.0290)

Have a look what the booklet for
YIQ(223.7340, 19.8590, -35.0290)
contains.

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Color

**YIQ(223.7340, 19.8590,
-35.0290)**

Conversions

Conversions Part 1

Format	Color
Hex	DDF18E
RGB	221, 241, 142
RGB Percent	87%, 95%, 56%
CMY	0.1334, 0.0548, 0.4430
CMYK	0.08, 0.00, 0.41, 0.05
HSL	72°, 78%, 75%
HSV	72°, 41%, 95%
XYZ	66.1535, 80.2374, 37.6075
YIQ	223.7340, 19.8590, -35.0290

Conversions

Conversions Part 2

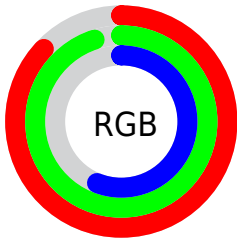
Format	Color
RYB	142, 241, 162
Decimal	14545294
CIELab	91.79, -21.51, 45.52
CIElCh	92, 50.349, 115.293
Yxy	80.2374, 0.3595, 0.4361
Android (android.graphics.Color)	4292735374 (0xFFDDDF18E)
YUV	223.7340, -40.2949, -2.3977
Hunter-Lab	89.5753, -24.9304, 37.8103

Details

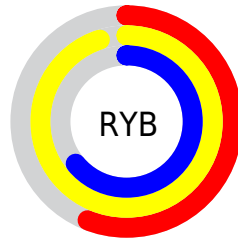
The YIQ color **223.7340, 19.8590, -35.0290** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **159.2660, -19.8590, 35.0290**, and the grayscale version is **224.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **248.3880, 18.6180, -18.0380**, and **167.8910, 17.9790, -33.9970** is the 20% darker color. If you saturate the color by 10%, you get **219.5030, 24.5830, -43.5530**, and if you desaturate by 10%, it is **227.9650, 15.1350, -26.5050**.

Distribution



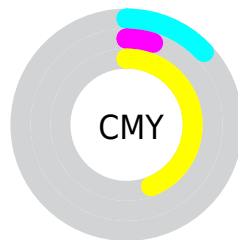
- Red (87%)
- Green (95%)
- Blue (56%)



- Red (56%)
- Yellow (95%)
- Blue (64%)



- Cyan (8%)
- Magenta (0%)
- Yellow (41%)
- Black (5%)



- Cyan (13%)
- Magenta (5%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 223.7340, 19.8590, -35.0290 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 223.7340, 19.8590, -35.0290 by changing the saturation by 10% instead.

■ 223.7340, 19.8590,
-35.0290

■ 223.7340, 19.8590,
-35.0290

■ 255.0000, -0.0000,
-0.0000

■ 195.6630, 18.6210,
-34.6190

■ 248.3880, 18.6180,
-18.0380

■ 167.8910, 17.9790,
-33.9970

■ 251.5800, 9.6300,
-9.3300

■ 141.0050, 17.6580,
-33.6860

■ 114.8200, 16.7410,
-33.5870

■ 88.8370, 18.0710,
-35.6650

■ 65.7750, 12.6140,
-30.3780

■ 45.0980, 4.6350,

-23.4370

■ 23.8120, -6.0030,
-17.8670

■ 7.0440, -3.3000,
-6.2760

■ 223.7340, 19.8590,
-35.0290

■ 223.7340, 19.8590,
-35.0290

■ 219.5030, 24.5830,
-43.5530

■ 227.9650, 15.1350,
-26.5050

■ 215.2720, 29.3070,
-52.0770


■ 232.1960, 10.4110,
-17.9810


■ 211.0410, 34.0310,
-60.6010

■ 236.4270, 5.6870,
-9.4570

■ 206.8100, 38.7550,
-69.1250


■ 240.3590, 0.3670,
-1.1450

 202.8780, 44.0750,
-77.4370

 243.7920, -2.1100,
5.2020

 198.8750, 48.1570,
-85.3390

 245.2870, 0.8700,
6.2620

 246.7820, 3.8500,
7.3220

Harmonies

Analogous

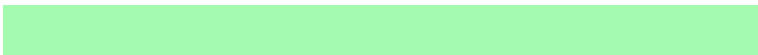
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



224.1830, 46.8160, -22.4640



223.7340, 19.8590, -35.0290



216.3230, -27.4560, -42.0800

Triad

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



223.7340, 19.8590, -35.0290



184.7790, -134.1920, -46.0320



217.5970, 21.2690, 27.5490

Complementary

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



223.7340, 19.8590, -35.0290



159.2660, -19.8590, 35.0290

Split Complementary

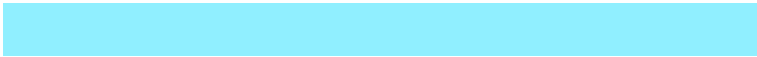
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



225.0630, 14.0250, 26.6730



223.7340, 19.8590, -35.0290



212.4190, -61.7560, -15.1640

Square

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



223.7340, 19.8590, -35.0290



178.7550, -151.9800, -54.0600



226.9580, -8.2090, 11.1110



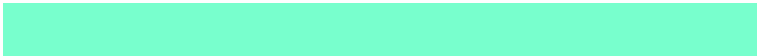
213.2990, 36.1270, 11.5750

Rectangle

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



223.7340, 19.8590, -35.0290



208.9350, -64.4100, -44.1700



226.9580, -8.2090, 11.1110



220.3670, 16.2250, 30.8570

Sweetspot

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



223.7340, 19.8590, -35.0290



249.6720, 6.3750, -10.9130



183.3410, 53.5040, 10.5280



124.7520, 3.3940, -6.4460



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.



223.7340, 19.8590, -35.0290



233.2750, 25.2250, -44.1750



209.0830, -9.3450, -45.4170



117.7350, 2.0640, -4.3680



151.6620, 36.4160, -65.2800



46.3270, 11.4200, -19.7480

Inverse Universe

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



159.2660, -19.8590, 35.0290



151.7250, -25.2250, 44.1750



173.9170, 9.3450, 45.4170



109.9660, -2.6600, 4.1560



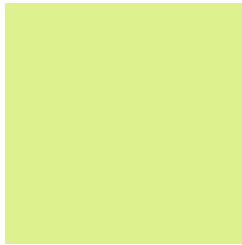
32.0390, -37.0120, 65.0680



9.6730, -11.4200, 19.7480

Previews

White Background



This preview shows how the YIQ color 223.7340, 19.8590, -35.0290 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 223.7340, 19.8590, -35.0290 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

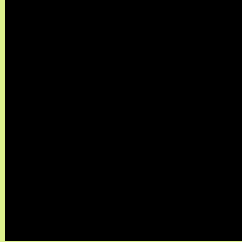
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 223.7340, 19.8590, -35.0290

Background



This preview shows how black text looks on a background with the YIQ color 223.7340, 19.8590, -35.0290.



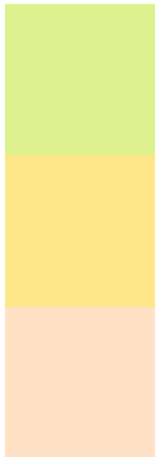
This preview shows how white text looks on a background with the YIQ color 223.7340, 19.8590,

-35.0290.

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

223.7340, 19.8590, -35.0290

Protanopia

226.9760, 42.9650, -24.2590

Deuteranopia

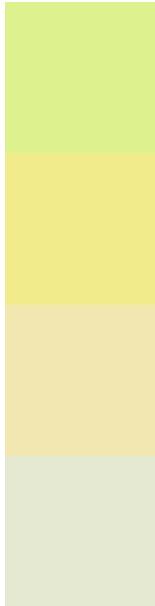
231.3650, 26.5930, -2.8710



Tritanopia

232.5470, -2.7980, 6.6580

Trichromacy



Original Color

223.7340, 19.8590, -35.0290

Protanomaly

225.8500, 34.3920, -28.5840

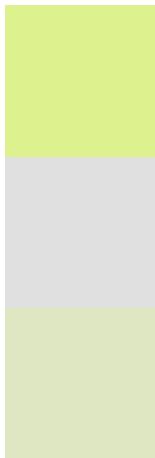
Deuteranomaly

228.4320, 24.4860, -14.2500

Tritanomaly

229.0680, 5.3200, -8.3120

Monochromacy



Original Color

223.7340, 19.8590, -35.0290

Achromatopsia

224.0000, -0.0000, 0.0000

Achromatomaly

223.8030, 7.3840, -12.6800

CSS Examples

Text

The CSS property to change the color of the text to YIQ 223.7340, 19.8590, -35.0290 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(221, 241, 142)` looks like.

```
.text, #text, p{  
    color:rgb(221, 241, 142)  
}
```

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(221, 241, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 241, 142) }
```

Border

The CSS property to change the border of an element to YIQ 223.7340, 19.8590, -35.0290 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(221, 241, 142) }
```


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

```
.border{ border-color:rgb(221, 241, 142) }
```

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

Here you see how a box with a 4 pixel rgb(221, 241, 142) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 241, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 241, 142);  
box-shadow:4px 4px 4px 4px rgb(221, 241,  
142) }
```

Background

The CSS property to change the background color of an element to YIQ 223.7340, 19.8590, -35.0290 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 241, 142) }
```

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

```
.background{ background-color: rgb(221,  
241, 142) }
```

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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