

Converting Colors

YIQ(223.8340, 12.9850,
-53.6310)

Have a look what the booklet for
YIQ(223.8340, 12.9850, -53.6310)
contains.

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Color

**YIQ(223.8340, 12.9850,
-53.6310)**

Conversions

Conversions Part 1

Format	Color
Hex	CBFF76
RGB	203, 255, 118
RGB Percent	80%, 100%, 46%
CMY	0.2041, 0.0000, 0.5371
CMYK	0.20, 0.00, 0.54, 0.00
HSL	83°, 100%, 73%
HSV	83°, 54%, 100%
XYZ	63.6465, 85.5180, 30.3042
YIQ	223.8340, 12.9850, -53.6310

Conversions

Conversions Part 2

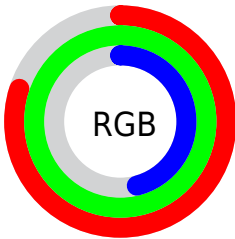
Format	Color
RYB	118, 255, 170
Decimal	13369206
CIELab	94.11, -37.16, 59.26
CIELCh	94, 69.944, 122.090
Yxy	85.5180, 0.3546, 0.4765
Android (android.graphics.Color)	4291559286 (0xFFCBBFF76)
YUV	223.8340, -52.1762, -18.2714
Hunter-Lab	92.4759, -38.9804, 45.3039

Details

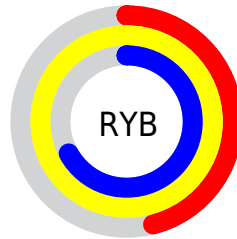
The YIQ color **223.8340, 12.9850, -53.6310** is a light color, and the websafe version is hex **CCFF66**. A complement of this color would be **149.1660, -12.9850, 53.6310**, and the grayscale version is **224.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **245.6520, 26.3220, -25.5020**, and **167.0620, 12.3430, -53.0090** is the 20% darker color. If you saturate the color by 10%, you get **217.9940, 15.0500, -63.5260**, and if you desaturate by 10%, it is **229.7880, 10.5990, -43.4250**.

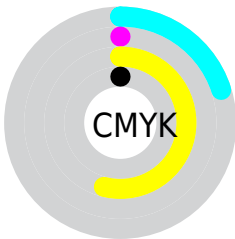
Distribution



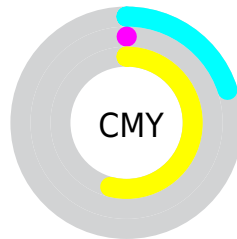
- Red (80%)
- Green (100%)
- Blue (46%)



- Red (46%)
- Yellow (100%)
- Blue (67%)



- Cyan (20%)
- Magenta (0%)
- Yellow (54%)
- Black (0%)



- Cyan (20%)
- Magenta (0%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 223.8340, 12.9850, -53.6310 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 223.8340, 12.9850, -53.6310 by changing the saturation by 10% instead.

223.8340, 12.9850,
-53.6310

223.8340, 12.9850,
-53.6310

255.0000, -0.0000,
-0.0000

195.0620, 12.3430,
-53.0090

245.6520, 26.3220,
-25.5020

167.0620, 12.3430,
-53.0090

248.9580, 17.0130,
-16.4830

139.5350, 12.3890,
-53.8430

252.2640, 7.7040,
-7.4640

111.7370, 14.6360,
-56.0200

88.1030, 5.0980,
-48.3580

65.0560, -4.7150,
-41.2190

40.5030, -18.9750,

-36.0870

■ 27.0020, -12.6500,
-24.0580

■ 13.5010, -6.3250,
-12.0290

■ 223.8340, 12.9850,
-53.6310

■ 223.8340, 12.9850,
-53.6310

■ 217.9940, 15.0500,
-63.5260

■ 229.7880, 10.5990,
-43.4250

■ 212.3390, 18.0320,
-73.5200

■ 235.3290, 7.9380,
-33.7420

■ 206.4990, 20.0970,
-83.4150

■ 241.2830, 5.5520,
-23.5360

■ 200.5450, 22.4830,
-93.6210

■ 247.1230, 3.4870,
-13.6410

■ 196.9270, 24.0430,
-99.8690

■ 252.7780, 0.5050,
-3.6470

255.0000, -0.0000,
-0.0000

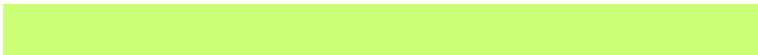
Harmonies

Analogous

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



225.8350, 55.9430, -39.2010



223.8340, 12.9850, -53.6310



202.1830, -59.7770, -56.5530

Triad

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



223.8340, 12.9850, -53.6310



178.7550, -151.9800, -54.0600



208.2220, 26.9990, 33.8390

Complementary

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



223.8340, 12.9850, -53.6310



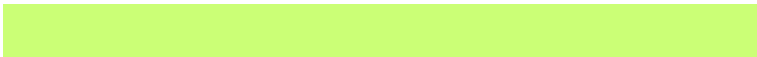
149.1660, -12.9850, 53.6310

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.



218.0190, 17.3250, 32.9490



223.8340, 12.9850, -53.6310



206.9820, -79.8190, -23.7150

Square

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



223.8340, 12.9850, -53.6310



178.7550, -151.9800, -54.0600



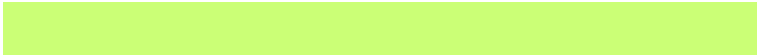
231.1880, 6.0030, 17.8670



205.9810, 45.7100, 8.6060

Rectangle

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



223.8340, 12.9850, -53.6310



174.4230, -139.7820, -65.8780



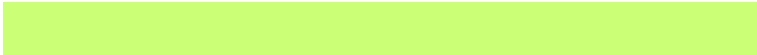
231.1880, 6.0030, 17.8670



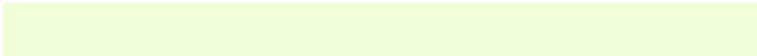
211.5620, 20.3500, 38.7020

Sweetspot

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



223.8340, 12.9850, -53.6310



245.5420, 3.6250, -16.1430



188.3130, 67.9020, 2.8940



122.1600, 2.0650, -9.8950



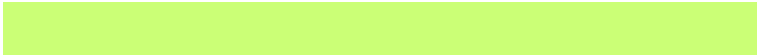
0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000

Same Dimension

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



223.8340, 12.9850, -53.6310



217.8800, 15.3710, -63.8370



203.8010, -26.9470, -67.8350



125.0230, 1.1930, -5.1030



147.6980, 18.3990, -74.6650



49.5280, 6.2400, -24.9920

Inverse Universe

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



149.1660, -12.9850, 53.6310



129.1200, -15.3710, 63.8370



169.1990, 26.9470, 67.8350



117.9770, -1.1930, 5.1030



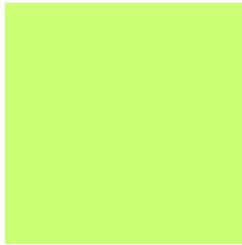
43.6010, -17.8030, 74.8770



14.4720, -6.2400, 24.9920

Previews

White Background



This preview shows how the YIQ color 223.8340, 12.9850, -53.6310 looks on a white background.

Color Contrast Check

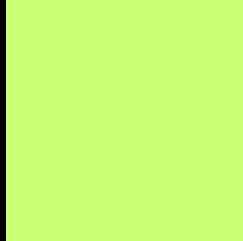
Large Text (above 18pt) WCAG AA × Fail

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 223.8340, 12.9850, -53.6310 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

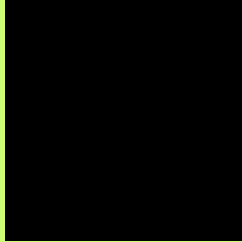
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 223.8340, 12.9850, -53.6310

Background



This preview shows how black text looks on a background with the YIQ color 223.8340, 12.9850, -53.6310.



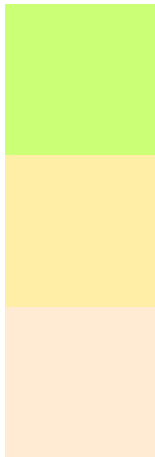
This preview shows how white text looks on a background with the YIQ color 223.8340, 12.9850, -53.6310.

-53.6310.

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

223.8340, 12.9850, -53.6310

Protanopia

234.8750, 33.2440, -18.7880

Deuteranopia

237.6570, 19.8990, -2.7010



Tritanopia

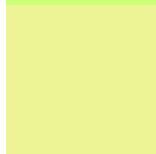
236.3390, -14.0760, 1.7960

Trichromacy



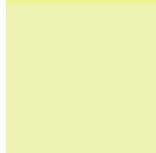
Original Color

223.8340, 12.9850, -53.6310



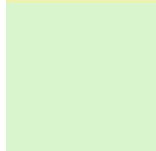
Protanomaly

230.7780, 25.7270, -31.2410



Deuteranomaly

232.7960, 17.2890, -21.4870



Tritanomaly

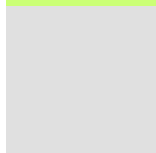
231.7690, -4.4440, -18.5880

Monochromacy



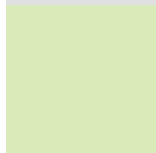
Original Color

223.8340, 12.9850, -53.6310



Achromatopsia

224.0000, -0.0000, 0.0000



Achromatomaly

223.6190, 4.7260, -19.5780

CSS Examples

Text

The CSS property to change the color of the text to YIQ 223.8340, 12.9850, -53.6310 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(203, 255, 118)` looks like.

```
.text, #text, p{  
    color:rgb(203, 255, 118)  
}
```

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(203, 255, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 255, 118) }
```

Border

The CSS property to change the border of an element to YIQ 223.8340, 12.9850, -53.6310 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(203, 255, 118) }
```


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

```
.border{ border-color:rgb(203, 255, 118) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 255, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 255, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 255, 118);  
box-shadow:4px 4px 4px 4px rgb(203, 255,  
118) }
```

Background

The CSS property to change the background color of an element to YIQ 223.8340, 12.9850, -53.6310 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 255, 118) }
```

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

```
.background{ background-color: rgb(203,  
255, 118) }
```

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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