

Converting Colors

YIQ(133.0500, -41.2500,
-78.4500)

Have a look what the booklet for
YIQ(133.0500, -41.2500, -78.4500)
contains.

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Color

**YIQ(133.0500, -41.2500,
-78.4500)**

Conversions

Conversions Part 1

Format	Color
Hex	2DC32D
RGB	45, 195, 45
RGB Percent	18%, 76%, 18%
CMY	0.8240, 0.2350, 0.8236
CMYK	0.77, 0.00, 0.77, 0.24
HSL	120°, 63%, 47%
HSV	120°, 77%, 76%
XYZ	21.0797, 39.8030, 9.0531
YIQ	133.0500, -41.2500, -78.4500

Conversions

Conversions Part 2

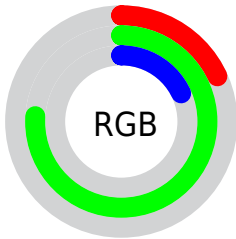
Format	Color
RYB	45, 195, 195
Decimal	2999085
CIELab	69.33, -65.14, 59.83
CIELCh	69, 88.447, 137.436
Yxy	39.8030, 0.3014, 0.5691
Android (android.graphics.Color)	4281189165 (0xFF2DC32D)
YUV	133.0500, -43.4086, -77.2198
Hunter-Lab	63.0896, -50.7657, 35.6548

Details

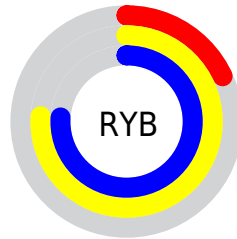
The YIQ color **133.0500, -41.2500, -78.4500** is a dark color, and the websafe version is hex **33CC33**. The color can be described as dark muted green. A complement of this color would be **106.9500, 41.2500, 78.4500**, and the grayscale version is **134.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **194.8230, -33.1810, -76.0050**, and **82.1800, -38.5000, -73.2200** is the 20% darker color. If you saturate the color by 10%, you get **124.9040, -47.0710, -88.5990**, and if you desaturate by 10%, it is **140.8970, -36.0250, -68.5130**.

Distribution



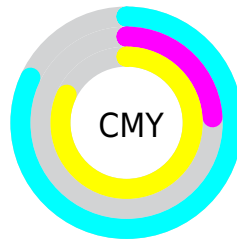
- Red (18%)
- Green (76%)
- Blue (18%)



- Red (18%)
- Yellow (76%)
- Blue (76%)



- Cyan (77%)
- Magenta (0%)
- Yellow (77%)
- Black (24%)




- Cyan (82%)
- Magenta (24%)
- Yellow (82%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 133.0500, -41.2500, -78.4500 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 133.0500, -41.2500, -78.4500 by changing the saturation by 10% instead.


 133.0500,
-41.2500, -78.4500


 133.0500,
-41.2500, -78.4500


255.0000, -0.0000,
-0.0000


 98.3710, -46.8880,
-86.4080


 194.8230,
-33.1810, -76.0050


 82.1800, -38.5000,
-73.2200


 208.3440,
-23.9220, -62.0820

 66.3310, -31.0750,
-59.0990


 220.8050,
-14.4340, -46.8020

 51.0690, -23.9250,
-45.5010

 232.9670, -5.5420,
-31.7340

 36.3940, -17.0500,
-32.4260

 245.5420, 3.6250,
-16.1430

 22.3060, -10.4500,
-19.8740

 253.6320, 3.8520,

 0.0000, 0.0000,

-3.7320

0.0000

■ 133.0500,
-41.2500, -78.4500

■ 133.0500,
-41.2500, -78.4500

■ 124.9040,
-47.0710, -88.5990

■ 140.8970,
-36.0250, -68.5130

■ 116.9430,
-51.9750, -98.8470

■ 149.1570,
-30.5250, -58.0530

■ 114.4650,
-53.6250, -101.9850

■ 157.0040,
-25.3000, -48.1160

■ 165.2640,
-19.8000, -37.6560

■ 173.1110,
-14.5750, -27.7190

■ 181.3710, -9.0750,
-17.2590

■ 189.2180, -3.8500,
-7.3220

■ 197.4780, 1.6500,
3.1380

■ 205.3250, 6.8750,
13.0750

Harmonies

Analogous

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



153.5000, 45.8600, -60.2200



133.0500, -41.2500, -78.4500



134.2090, -98.1970, -65.1170

Triad

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



133.0500, -41.2500, -78.4500



140.0130, -133.8300, -19.5420



136.3950, 90.0840, 52.4520

Complementary

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



133.0500, -41.2500, -78.4500



106.9500, 41.2500, 78.4500

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.



147.3900, 63.2580, 76.0740



133.0500, -41.2500, -78.4500



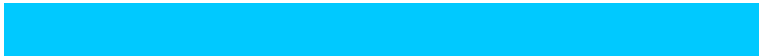
144.7840, -86.7480, 8.2600

Square

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



133.0500, -41.2500, -78.4500



147.0570, -137.1300, -25.8180



169.7420, 20.8040, 63.5240



149.9230, 104.3510, 8.6310

Rectangle

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



133.0500, -41.2500, -78.4500



141.7670, -116.7230, -48.7470



169.7420, 20.8040, 63.5240



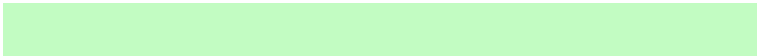
135.9510, 83.0670, 63.9870

Sweetspot

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



133.0500, -41.2500, -78.4500



228.0460, -15.9500, -30.3340



177.9000, 48.1500, -46.6500



113.1320, -9.9000, -18.8280



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.



133.0500, -41.2500, -78.4500



156.1840, -63.8000, -121.3360



141.6000, -65.3250, -55.1250



92.8700, -2.7500, -5.2300



94.5070, -44.2750, -84.2030



19.3710, -9.0750, -17.2590

Inverse Universe

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



106.9500, 41.2500, 78.4500



115.8160, 63.8000, 121.3360



98.4000, 65.3250, 55.1250



91.1300, 2.7500, 5.2300



66.4930, 44.2750, 84.2030



13.6290, 9.0750, 17.2590

Previews

White Background



This preview shows how the YIQ color 133.0500, -41.2500, -78.4500 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 133.0500, -41.2500, -78.4500 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 133.0500, -41.2500, -78.4500 Background



This preview shows how black text looks on a background with the YIQ color 133.0500, -41.2500, -78.4500.



This preview shows how white text looks on a background with the YIQ color 133.0500, -41.2500, -78.4500.

-78.4500.

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

133.0500, -41.2500, -78.4500

Protanopia

159.4590, 54.2460, -35.9780

Deuteranopia

162.6640, 61.5790, -20.1890



Tritanopia

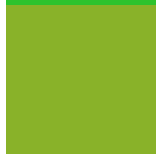
156.2020, -59.6470, -14.8390

Trichromacy



Original Color

133.0500, -41.2500, -78.4500



Protanomaly

150.1230, 19.5410, -51.2990



Deuteranomaly

151.7850, 23.8490, -41.2630



Tritanomaly

148.0830, -52.9030, -37.9510

Monochromacy



Original Color

133.0500, -41.2500, -78.4500



Achromatopsia

133.0000, 0.0000, 0.0000



Achromatomaly

133.2850, -15.1250, -28.7650

CSS Examples

Text

The CSS property to change the color of the text to YIQ 133.0500, -41.2500, -78.4500 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(45, 195, 45)` looks like.

```
.text, #text, p{  
    color:rgb(45, 195, 45)  
}
```

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(45, 195, 45) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(45, 195, 45) }
```

Border

The CSS property to change the border of an element to YIQ 133.0500, -41.2500, -78.4500 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(45, 195, 45) }
```


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

```
.border{ border-color:rgb(45, 195, 45) }
```

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

Here you see how a box with a 4 pixel rgb(45, 195, 45) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(45, 195, 45); -webkit-box-  
shadow:4px 4px 4px 4px rgb(45, 195, 45);  
box-shadow:4px 4px 4px 4px rgb(45, 195,  
45) }
```

Background

The CSS property to change the background color of an element to YIQ 133.0500, -41.2500, -78.4500 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(45, 195, 45) }
```

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

```
.background{ background-color: rgb(45, 195,  
45) }
```

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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