

Converting Colors

YIQ(132.4580, -78.1100,
-93.2620)

Have a look what the booklet for
YIQ(132.4580, -78.1100, -93.2620)
contains.

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Color

**YIQ(132.4580, -78.1100,
-93.2620)**

Conversions

Conversions Part 1

Format	Color
Hex	00D63C
RGB	0, 214, 60
RGB Percent	0%, 84%, 24%
CMY	1.0000, 0.1604, 0.7649
CMYK	1.00, 0.00, 0.72, 0.16
HSL	137°, 100%, 42%
HSV	137°, 100%, 84%
XYZ	24.8836, 48.4642, 12.3113
YIQ	132.4580, -78.1100, -93.2620

Conversions

Conversions Part 2

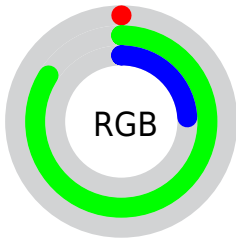
Format	Color
RYB	0, 167, 214
Decimal	54844
CIELab	75.12, -72.88, 60.39
CIELCh	75, 94.650, 140.357
Yxy	48.4642, 0.2905, 0.5658
Android (android.graphics.Color)	4278244924 (0xFF00D63C)
YUV	132.4580, -35.7218, -116.1657
Hunter-Lab	69.6162, -58.0255, 38.2462

Details

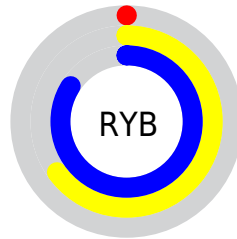
The YIQ color **132.4580, -78.1100, -93.2620** is a dark color, and the websafe version is hex **00CC33**. The color can be described as dark washed green. A complement of this color would be **81.5420, 78.1100, 93.2620**, and the grayscale version is **133.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **194.6030, -44.1850, -74.8170**, and **92.1590, -43.1750, -82.1110** is the 20% darker color. If you saturate the color by 10%, you get **132.4580, -78.1100, -93.2620**, and if you desaturate by 10%, it is **140.4470, -70.4090, -84.1450**.

Distribution



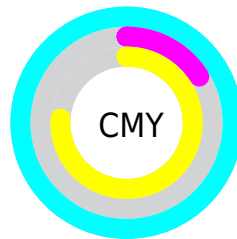
- Red (0%)
- Green (84%)
- Blue (24%)



- Red (0%)
- Yellow (65%)
- Blue (84%)



- Cyan (100%)
- Magenta (0%)
- Yellow (72%)
- Black (16%)



- Cyan (100%)
- Magenta (16%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 132.4580, -78.1100, -93.2620 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 132.4580, -78.1100, -93.2620 by changing the saturation by 10% instead.

■ 132.4580,
-78.1100, -93.2620

■ 132.4580,
-78.1100, -93.2620

■ 255.0000, -0.0000,
-0.0000

■ 112.3740,
-60.1380, -88.5700

■ 194.6030,
-44.1850, -74.8170

■ 92.7460, -43.4500,
-82.6340

■ 207.8470,
-32.5880, -59.2120

■ 76.3100, -35.7500,
-67.9900

■ 220.7210,
-22.8250, -43.4090

■ 60.4610, -28.3250,
-53.8690

■ 233.1820,
-13.3370, -28.1290

■ 45.1990, -21.1750,
-40.2710

■ 246.0560, -3.5740,
-12.3260

■ 31.1110, -14.5750,
-27.7190

■ 15.2620, -7.1500,

-13.5980

■ 0.0000, 0.0000,
0.0000

■ 132.4580,
-78.1100, -93.2620

■ 140.4470,
-70.4090, -84.1450

■ 148.8490,
-62.4330, -74.5050

■ 156.8380,
-54.7320, -65.3880

■ 165.2400,
-46.7560, -55.7480

■ 173.2290,
-39.0550, -46.6310

■ 181.2180,
-31.3540, -37.5140

■ 189.6200,
-23.3780, -27.8740

■ 197.6090,
-15.6770, -18.7570

■ 206.0110, -7.7010,
-9.1170

Harmonies

Analogous

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



165.8600, 44.4860, -68.3620



132.4580, -78.1100, -93.2620



147.7560, -110.1630, -68.5230

Triad

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



132.4580, -78.1100, -93.2620



148.8180, -137.9550, -27.3870



142.7210, 86.0500, 48.4660

Complementary

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



132.4580, -78.1100, -93.2620



81.5420, 78.1100, 93.2620

Split Complementary

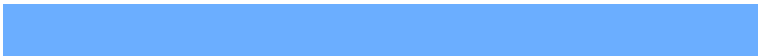
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



151.4650, 58.6730, 76.5690



132.4580, -78.1100, -93.2620



163.2010, -65.9330, 10.9870

Square

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



132.4580, -78.1100, -93.2620



157.6230, -142.0800, -35.2320



181.6250, 34.3750, 65.3750



158.2720, 101.5100, -0.4580

Rectangle

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



132.4580, -78.1100, -93.2620



155.2970, -130.0190, -50.0750



181.6250, 34.3750, 65.3750



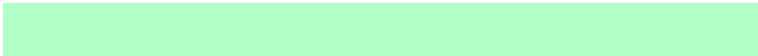
141.3310, 78.9410, 61.6690

Sweetspot

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



132.4580, -78.1100, -93.2620



226.0060, -27.6410, -33.2170



172.5610, 34.7220, -78.6380



110.3700, -16.5020, -20.3260



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.



132.4580, -78.1100, -93.2620



157.7790, -92.9160, -111.2840



144.3140, -111.4940, -60.9180



102.7990, -3.9880, -4.8200



105.8490, -62.4330, -74.5050



26.6090, -15.6770, -18.7570

Inverse Universe

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



81.5420, 78.1100, 93.2620



97.2210, 92.9160, 111.2840



69.6860, 111.4940, 60.9180



100.2010, 3.9880, 4.8200



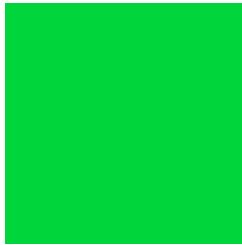
65.1510, 62.4330, 74.5050



16.3910, 15.6770, 18.7570

Previews

White Background



This preview shows how the YIQ color 132.4580, -78.1100, -93.2620 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 132.4580, -78.1100, -93.2620 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 132.4580, -78.1100, -93.2620 Background



This preview shows how black text looks on a background with the YIQ color 132.4580, -78.1100, -93.2620.



This preview shows how white text looks on a background with the YIQ color 132.4580, -78.1100, -93.2620.

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

132.4580, -78.1100, -93.2620

Protanopia

175.5300, 55.4840, -36.3880

Deuteranopia

178.8600, 63.9630, -19.3410



Tritanopia

168.3360, -71.8880, -18.7680

Trichromacy



Original Color

132.4580, -78.1100, -93.2620



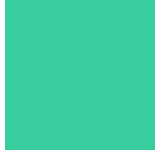
Protanomaly

159.9040, 6.7960, -57.1080



Deuteranomaly

162.2780, 11.9750, -46.3370



Tritanomaly

155.2050, -74.0380, -45.8940

Monochromacy



Original Color

132.4580, -78.1100, -93.2620



Achromatopsia

133.0000, 0.0000, 0.0000



Achromatomaly

132.5930, -27.9160, -33.7400

CSS Examples

Text

The CSS property to change the color of the text to YIQ 132.4580, -78.1100, -93.2620 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(0, 214, 60)` looks like.

```
.text, #text, p{  
    color:rgb(0, 214, 60)  
}
```

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(0, 214, 60) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 214, 60) }
```

Border

The CSS property to change the border of an element to YIQ 132.4580, -78.1100, -93.2620 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(0, 214, 60) }
```


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

```
.border{ border-color:rgb(0, 214, 60) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 214, 60)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 214, 60); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 214, 60);  
box-shadow:4px 4px 4px 4px rgb(0, 214, 60)  
}
```

Background

The CSS property to change the background color of an element to YIQ 132.4580, -78.1100, -93.2620 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 214, 60) }
```

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

```
.background{ background-color: rgb(0, 214,  
60) }
```

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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