

Converting Colors

YIQ(126.9790, -42.4880,
-78.0400)

Have a look what the booklet for
YIQ(126.9790, -42.4880, -78.0400)
contains.

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Color

**YIQ(126.9790, -42.4880,
-78.0400)**

Conversions

Conversions Part 1

Format	Color
Hex	26BD29
RGB	38, 189, 41
RGB Percent	15%, 74%, 16%
CMY	0.8514, 0.2586, 0.8392
CMYK	0.80, 0.00, 0.78, 0.26
HSL	121°, 67%, 44%
HSV	121°, 80%, 74%
XYZ	19.4063, 36.9922, 8.2140
YIQ	126.9790, -42.4880, -78.0400

Conversions

Conversions Part 2

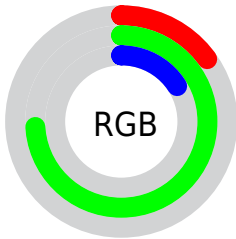
Format	Color
R _Y B	38, 186, 189
Decimal	2538793
CIE Lab	67.27, -64.50, 59.06
CIE LCh	67, 87.461, 137.521
Yxy	36.9922, 0.3003, 0.5725
Android (android.graphics.Color)	4280728873 (0xFF26BD29)
YUV	126.9790, -42.3876, -78.0346
Hunter-Lab	60.8212, -49.4831, 34.5677

Details

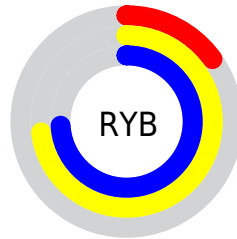
The YIQ color **126.9790, -42.4880, -78.0400** is a dark color, and the websafe version is hex **33CC33**. A complement of this color would be **100.0210, 42.4880, 78.0400**, and the grayscale version is **127.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **189.3500, -33.2270, -75.1710**, and **78.6580, -36.8500, -70.0820** is the 20% darker color. If you saturate the color by 10%, you get **119.1320, -47.7130, -87.9770**, and if you desaturate by 10%, it is **134.8260, -37.2630, -68.1030**.

Distribution



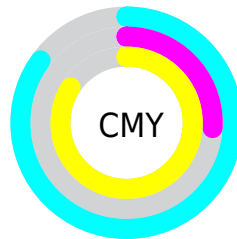
- Red (15%)
- Green (74%)
- Blue (16%)



- Red (15%)
- Yellow (73%)
- Blue (74%)



- Cyan (80%)
- Magenta (0%)
- Yellow (78%)
- Black (26%)



- Cyan (85%)
- Magenta (26%)
- Yellow (84%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 126.9790, -42.4880, -78.0400 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 126.9790, -42.4880, -78.0400 by changing the saturation by 10% instead.


 126.9790,
-42.4880, -78.0400

 126.9790,
-42.4880, -78.0400


 255.0000, -0.0000,
-0.0000

 94.5070, -44.2750,
-84.2030


 189.3500,
-33.2270, -75.1710


 78.6580, -36.8500,
-70.0820


 206.3930,
-25.6180, -64.3860


 63.3960, -29.7000,
-56.4840


 218.8540,
-16.1300, -49.1060

 48.1340, -22.5500,
-42.8860

 231.0160, -7.2380,
-34.0380

 34.0460, -15.9500,
-30.3340

 243.5910, 1.9290,
-18.4470

 19.3710, -9.0750,
-17.2590

 253.1760, 5.1360,

 0.0000, 0.0000,

-4.9760

0.0000

■ 126.9790,
-42.4880, -78.0400

■ 126.9790,
-42.4880, -78.0400

■ 119.1320,
-47.7130, -87.9770

■ 134.8260,
-37.2630, -68.1030

■ 111.3990,
-53.2590, -97.6030

■ 142.5590,
-31.7170, -58.4770

■ 150.4060,
-26.4920, -48.5400

■ 158.1390,
-20.9460, -38.9140

■ 165.6870,
-16.3170, -29.1890

■ 173.4200,
-10.7710, -19.5630

■ 181.2670, -5.5460,
-9.6260

■ 189.0000, -0.0000,
-0.0000

■ 196.8470, 5.2250,
9.9370

Harmonies

Analogous

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



148.1840, 43.9340, -58.3540



126.9790, -42.4880, -78.0400



129.5300, -94.6670, -63.0110

Triad

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



126.9790, -42.4880, -78.0400



136.4910, -132.1800, -16.4040



132.4170, 93.0180, 54.3460

Complementary

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



126.9790, -42.4880, -78.0400



100.0210, 42.4880, 78.0400

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.



143.6570, 66.8800, 76.5120



126.9790, -42.4880, -78.0400



139.4680, -88.6740, 10.1260

Square

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



126.9790, -42.4880, -78.0400



143.5350, -135.4800, -22.6800



165.0130, 18.6030, 64.8670



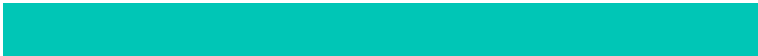
146.5320, 107.0100, 10.0020

Rectangle

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



126.9790, -42.4880, -78.0400



136.9740, -112.8720, -46.9520



165.0130, 18.6030, 64.8670



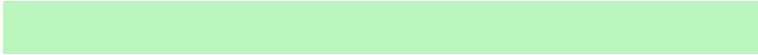
131.7450, 86.6430, 65.2590

Sweetspot

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



126.9790, -42.4880, -78.0400



220.7470, -16.5460, -30.5460



171.1880, 47.2790, -47.3850



107.6590, -9.9460, -17.9940



250.0000, 0.0000, 0.0000



122.0000, 0.0000, -0.0000

Same Dimension

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



126.9790, -42.4880, -78.0400



148.5150, -66.2300, -121.3500



135.5290, -66.5630, -54.7150



90.2830, -2.4750, -4.7070



93.0880, -44.4130, -81.7010



18.3110, -8.8460, -15.9020

Inverse Universe

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



100.0210, 42.4880, 78.0400



106.4850, 66.2300, 121.3500



91.4710, 66.5630, 54.7150



88.7170, 2.4750, 4.7070



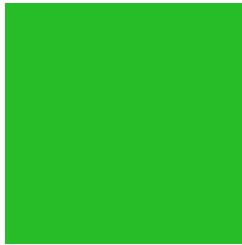
64.9120, 44.4130, 81.7010



12.6890, 8.8460, 15.9020

Previews

White Background



This preview shows how the YIQ color 126.9790, -42.4880, -78.0400 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 126.9790, -42.4880, -78.0400 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 126.9790, -42.4880, -78.0400 Background



This preview shows how black text looks on a background with the YIQ color 126.9790, -42.4880, -78.0400.



This preview shows how white text looks on a background with the YIQ color 126.9790, -42.4880, -78.0400.

-78.0400.

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

126.9790, -42.4880, -78.0400

Protanopia

154.2740, 53.3290, -35.8790

Deuteranopia

157.5930, 60.3410, -19.7790



Tritanopia

150.3870, -58.7300, -14.9380

Trichromacy



Original Color

126.9790, -42.4880, -78.0400



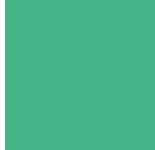
Protanomaly

144.0520, 18.3030, -50.8890



Deuteranomaly

146.6000, 22.9320, -41.1640



Tritanomaly

142.0830, -52.9030, -37.9510

Monochromacy



Original Color

126.9790, -42.4880, -78.0400



Achromatopsia

127.0000, -0.0000, -0.0000



Achromatomaly

127.3990, -15.4460, -28.4540

CSS Examples

Text

The CSS property to change the color of the text to YIQ 126.9790, -42.4880, -78.0400 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(38, 189, 41)` looks like.

```
.text, #text, p{  
    color:rgb(38, 189, 41)  
}
```

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(38, 189, 41) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(38, 189, 41) }
```

Border

The CSS property to change the border of an element to YIQ 126.9790, -42.4880, -78.0400 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(38, 189, 41) }
```


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

```
.border{ border-color:rgb(38, 189, 41) }
```

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

Here you see how a box with a 4 pixel `rgb(38, 189, 41)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(38, 189, 41); -webkit-box-  
shadow:4px 4px 4px 4px rgb(38, 189, 41);  
box-shadow:4px 4px 4px 4px rgb(38, 189,  
41) }
```

Background

The CSS property to change the background color of an element to YIQ 126.9790, -42.4880, -78.0400 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(38, 189, 41) }
```

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

```
.background{ background-color: rgb(38, 189,  
41) }
```

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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