

Converting Colors

YIQ(54.5520, -37.8660,
-29.6260)

Have a look what the booklet for
YIQ(54.5520, -37.8660, -29.6260)
contains.

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Color

**YIQ(54.5520, -37.8660,
-29.6260)**

Conversions

Conversions Part 1

Format	Color
Hex	00542E
RGB	0, 84, 46
RGB Percent	0%, 33%, 18%
CMY	1.0000, 0.6704, 0.8197
CMYK	1.00, 0.00, 0.45, 0.67
HSL	153°, 100%, 16%
HSV	153°, 100%, 33%
XYZ	3.6656, 6.5431, 3.6513
YIQ	54.5520, -37.8660, -29.6260

Conversions

Conversions Part 2

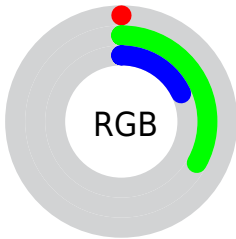
Format	Color
RYB	0, 54, 84
Decimal	21550
CIELab	30.74, -32.55, 16.10
CIELCh	31, 36.313, 153.687
Yxy	6.5431, 0.2645, 0.4721
Android (android.graphics.Color)	4278211630 (0xFF00542E)
YUV	54.5520, -4.2161, -47.8421
Hunter-Lab	25.5795, -19.1848, 9.4424

Details

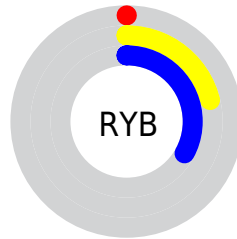
The YIQ color **54.5520, -37.8660, -29.6260** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **29.4480, 37.8660, 29.6260**, and the grayscale version is **55.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **108.2820, -28.2380, -27.9020**, and **22.3060, -10.4500, -19.8740** is the 20% darker color. If you saturate the color by 10%, you get **54.5520, -37.8660, -29.6260**, and if you desaturate by 10%, it is **57.4000, -34.3820, -26.6860**.

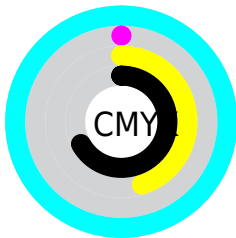
Distribution



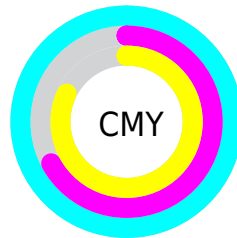
- Red (0%)
- Green (33%)
- Blue (18%)



- Red (0%)
- Yellow (21%)
- Blue (33%)



- Cyan (100%)
- Magenta (0%)
- Yellow (45%)
- Black (67%)



- Cyan (100%)
- Magenta (67%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 54.5520, -37.8660, -29.6260 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 54.5520, -37.8660, -29.6260 by changing the saturation by 10% instead.

■ 54.5520, -37.8660,
-29.6260

■ 54.5520, -37.8660,
-29.6260

■ 255.0000, -0.0000,
-0.0000

■ 38.0700, -24.5250,
-23.6050

■ 108.8690,
-28.5130, -28.4250

■ 22.3060, -10.4500,
-19.8740

■ 134.7550,
-28.1920, -28.7360

■ 2.9350, -1.3750,
-2.6150

■ 161.3420,
-28.4670, -29.2590


■ 0.0000, 0.0000,
0.0000


■ 188.8150,
-28.4210, -30.0930

■ 217.4020,
-28.6960, -30.6160


■ 234.8360,


-23.7460, -21.2020


 246.6990,
-15.4500, -6.3460


 54.5520, -37.8660,
-29.6260

 57.4000, -34.3820,
-26.6860

 60.5470, -30.3020,
-23.5340

 63.2810, -26.4970,
-20.9050

 66.4280, -22.4170,
-17.7530

 69.2760, -18.9330,
-14.8130

■ 72.1240, -15.4490,
-11.8730

■ 75.2710, -11.3690,
-8.7210

■ 78.0050, -7.5640,
-6.0920

■ 81.1520, -3.4840,
-2.9400

Harmonies

Analogous

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



65.7990, 4.0390, -23.6490



54.5520, -37.8660, -29.6260



59.0320, -47.7250, -21.6530

Triad

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



54.5520, -37.8660, -29.6260



58.1440, -61.7590, 1.4170



70.4310, 44.5630, 12.8750

Complementary

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



54.5520, -37.8660, -29.6260



29.4480, 37.8660, 29.6260

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.



71.1720, 38.4630, 24.3110



54.5520, -37.8660, -29.6260



73.9830, -9.3570, 20.9070

Square

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



54.5520, -37.8660, -29.6260



62.1560, -62.0330, -4.6330



73.7000, 19.4810, 26.9130



70.6670, 40.3020, -3.5220

Rectangle

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



54.5520, -37.8660, -29.6260



61.1980, -53.8240, -15.7440



73.7000, 19.4810, 26.9130



70.7670, 43.7370, 16.8330

Sweetspot

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



54.5520, -37.8660, -29.6260



98.4230, -14.8530, -11.6610



60.9690, 0.1440, -35.6640



48.9940, -9.0310, -7.0390



184.0000, 0.0000, -0.0000



56.0000, -0.0000, 0.0000

Same Dimension

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



54.5520, -37.8660, -29.6260



71.4100, -49.5100, -38.8700



57.1230, -49.2390, -16.2390



39.5760, -1.7420, -1.4700



68.1330, -47.1720, -37.1880



150.6620, -104.5670, -81.8390

Inverse Universe

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



29.4480, 37.8660, 29.6260



38.5900, 49.5100, 38.8700



26.8770, 49.2390, 16.2390



38.4240, 1.7420, 1.4700



36.7530, 47.4930, 36.8770



81.3380, 104.5670, 81.8390

Previews

White Background



This preview shows how the YIQ color 54.5520, -37.8660, -29.6260 looks on a white background.

Color Contrast Check

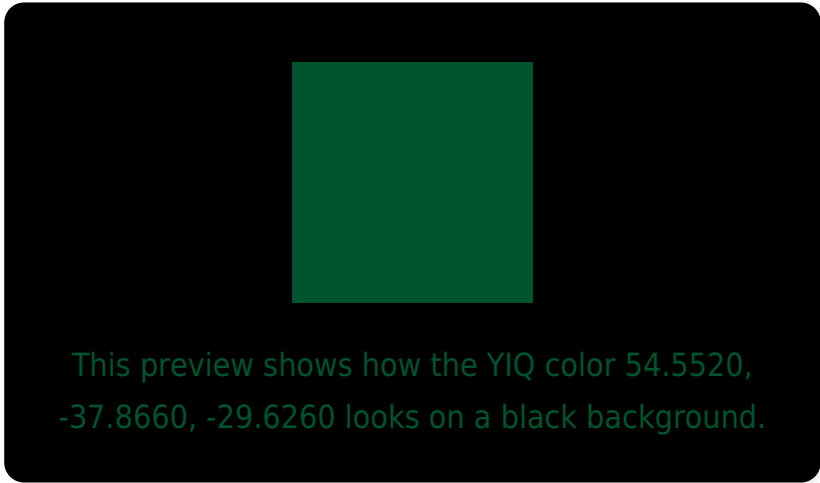
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black 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

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

YIQ 54.5520, -37.8660, -29.6260

Background



This preview shows how black text looks on a background with the YIQ color 54.5520, -37.8660, -29.6260.



This preview shows how white text looks on a background with the YIQ color 54.5520, -37.8660,

-29.6260.

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

54.5520, -37.8660, -29.6260

Protanopia

71.5590, 14.1230, -8.1570

Deuteranopia

72.1020, 17.1480, -2.4040



Tritanopia

65.4460, -30.8550, -7.9990

Trichromacy



Original Color

54.5520, -37.8660, -29.6260

Protanomaly

65.3500, -4.5820, -16.0860

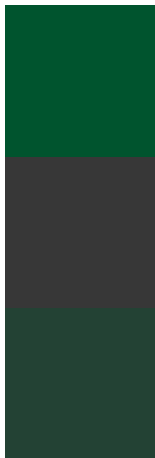
Deuteranomaly

65.3550, -2.9780, -12.1140

Tritanomaly

61.6210, -33.1460, -16.0420

Monochromacy



Original Color

54.5520, -37.8660, -29.6260

Achromatopsia

55.0000, 0.0000, 0.0000

Achromatomaly

55.1350, -13.9820, -10.9260

CSS Examples

Text

The CSS property to change the color of the text to YIQ 54.5520, -37.8660, -29.6260 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, 84, 46)` looks like.

```
.text, #text, p{  
    color:rgb(0, 84, 46)  
}
```

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, 84, 46) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 84, 46) }
```

Border

The CSS property to change the border of an element to YIQ 54.5520, -37.8660, -29.6260 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, 84, 46) }
```


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

```
.border{ border-color:rgb(0, 84, 46) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 84, 46)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 84, 46); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 84, 46); box-shadow:4px  
4px 4px 4px rgb(0, 84, 46) }
```

Background

The CSS property to change the background color of an element to YIQ 54.5520, -37.8660, -29.6260 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 84, 46) }
```

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

```
.background{ background-color: rgb(0, 84,  
46) }
```

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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