

Converting Colors

YIQ(136.7450, 2.9900, -54.2100)

Have a look what the booklet for
YIQ(136.7450, 2.9900, -54.2100)
contains.

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Color

**YIQ(136.7450, 2.9900,
-54.2100)**

Conversions

Conversions Part 1

Format	Color
Hex	6AAB29
RGB	106, 171, 41
RGB Percent	42%, 67%, 16%
CMY	0.5846, 0.3293, 0.8391
CMYK	0.38, 0.00, 0.76, 0.33
HSL	90°, 61%, 42%
HSV	90°, 76%, 67%
XYZ	20.9055, 32.3568, 7.2441
YIQ	136.7450, 2.9900, -54.2100

Conversions

Conversions Part 2

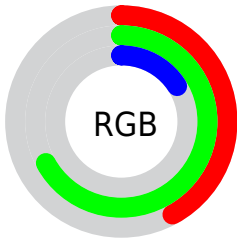
Format	Color
RYB	41, 171, 106
Decimal	6990633
CIELab	63.64, -41.44, 56.26
CIELCh	64, 69.880, 126.376
Yxy	32.3568, 0.3455, 0.5348
Android (android.graphics.Color)	4285180713 (0xFF6AAB29)
YUV	136.7450, -47.2023, -26.9634
Hunter-Lab	56.8830, -33.9436, 32.2675

Details

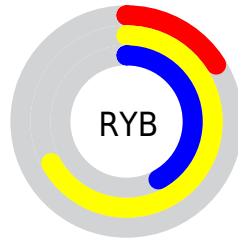
The YIQ color **136.7450, 2.9900, -54.2100** is a dark color, and the websafe version is hex **669900**. A complement of this color would be **75.2550, -2.9900, 54.2100**, and the grayscale version is **137.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **192.6310, 3.3110, -54.5210**, and **84.2160, -2.6500, -51.1140** is the 20% darker color. If you saturate the color by 10%, you get **132.1160, 3.0830, -61.4050**, and if you desaturate by 10%, it is **141.3740, 2.8970, -47.0150**.

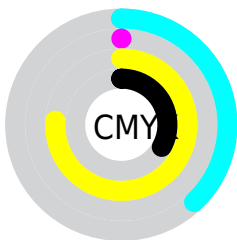
Distribution



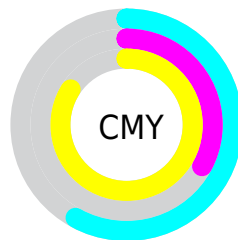
- Red (42%)
- Green (67%)
- Blue (16%)



- Red (16%)
- Yellow (67%)
- Blue (42%)



- Cyan (38%)
- Magenta (0%)
- Yellow (76%)
- Black (33%)



- Cyan (58%)
- Magenta (33%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 136.7450, 2.9900, -54.2100 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 136.7450, 2.9900, -54.2100 by changing the saturation by 10% instead.


 136.7450, 2.9900,
-54.2100


 136.7450, 2.9900,
-54.2100


255.0000, -0.0000,
-0.0000


 108.0780, 6.2460,
-58.1540


 192.6310, 3.3110,
-54.5210


 83.9170, -3.2460,
-51.3260


 220.5170, 3.6320,
-54.8320


 59.6740, -15.4430,
-45.0350


 232.5650, 12.8450,
-40.0750

 40.5030, -18.9750,
-36.0870

 244.4280, 21.1410,
-25.2190

 27.0020, -12.6500,
-24.0580

 249.5280, 15.4080,
-14.9280

 12.3270, -5.7750,
-10.9830

 252.8340, 6.0990,

 0.0000, 0.0000,

-5.9090

0.0000

■ 136.7450, 2.9900,
-54.2100

■ 136.7450, 2.9900,
-54.2100

■ 132.1160, 3.0830,
-61.4050

■ 141.3740, 2.8970,
-47.0150

■ 127.7860, 3.7720,
-68.3880

■ 145.7040, 2.2080,
-40.0320

■ 125.7920, 3.6350,
-71.4130

■ 150.3330, 2.1150,
-32.8370

■ 154.6630, 1.4260,
-25.8540

■ 159.4060, 1.0120,
-18.3480

■ 163.7360, 0.3230,
-11.3650

■ 168.3650, 0.2300,
-4.1700

■ 172.6950, -0.4590,
2.8130

■ 177.3240, -0.5520,
10.0080

Harmonies

Analogous

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



143.0000, 59.6120, -45.1240



136.7450, 2.9900, -54.2100



117.1740, -81.9210, -62.7290

Triad

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



136.7450, 2.9900, -54.2100



131.2080, -129.7050, -11.6970



145.3770, 81.3270, 51.4630

Complementary

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



136.7450, 2.9900, -54.2100



75.2550, -2.9900, 54.2100

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.



155.2920, 48.3140, 60.5540



136.7450, 2.9900, -54.2100



121.2290, -125.0300, -2.8060

Square

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



136.7450, 2.9900, -54.2100



132.7120, -122.9170, -24.5890



157.3950, -15.3680, 47.2560



147.4560, 96.1410, 25.2690

Rectangle

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



136.7450, 2.9900, -54.2100



123.2500, -96.2740, -50.4020



157.3950, -15.3680, 47.2560



148.3580, 74.3110, 57.4710

Sweetspot

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



136.7450, 2.9900, -54.2100



208.4120, 0.8750, -21.3730



118.0250, 59.6050, -6.4350



103.6820, 0.4150, -13.0330



240.0000, -0.0000, -0.0000



112.0000, -0.0000, 0.0000

Same Dimension

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



136.7450, 2.9900, -54.2100



168.7730, 4.6460, -84.2340



117.3100, -35.7500, -67.9900



84.4790, -0.0910, -3.8590



110.4750, 3.4500, -62.5500



16.7900, 0.2310, -9.6970

Inverse Universe

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



75.2550, -2.9900, 54.2100



73.2270, -4.6460, 84.2340



94.6900, 35.7500, 67.9900



80.2220, -0.5050, 3.6470



39.5250, -3.4500, 62.5500



5.9110, -0.8270, 9.4850

Previews

White Background



This preview shows how the YIQ color 136.7450, 2.9900, -54.2100 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 136.7450, 2.9900, -54.2100 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

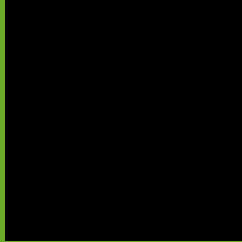
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 136.7450, 2.9900, -54.2100

Background



This preview shows how black text looks on a background with the YIQ color 136.7450, 2.9900, -54.2100.



This preview shows how white text looks on a background with the YIQ color 136.7450, 2.9900, -54.2100.

-54.2100.

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

136.7450, 2.9900, -54.2100

Protanopia

146.0440, 48.2850, -32.5710

Deuteranopia

149.0380, 57.5900, -19.4820



Tritanopia

150.0170, -25.0330, -3.3770

Trichromacy



Original Color

136.7450, 2.9900, -54.2100

Protanomaly

142.5040, 32.0100, -40.4860

Deuteranomaly

144.5960, 37.9230, -32.0050

Tritanomaly

144.8000, -14.8970, -21.8810

Monochromacy



Original Color

136.7450, 2.9900, -54.2100

Achromatopsia

137.0000, -0.0000, 0.0000

Achromatomaly

136.7650, 1.3790, -19.4930

CSS Examples

Text

The CSS property to change the color of the text to YIQ 136.7450, 2.9900, -54.2100 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(106, 171, 41)` looks like.

```
.text, #text, p{  
    color:rgb(106, 171, 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(106, 171, 41) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(106, 171, 41) }
```

Border

The CSS property to change the border of an element to YIQ 136.7450, 2.9900, -54.2100 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(106, 171, 41) }
```


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

```
.border{ border-color:rgb(106, 171, 41) }
```

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

Here you see how a box with a 4 pixel `rgb(106, 171, 41)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(106, 171, 41); -webkit-box-  
shadow:4px 4px 4px 4px rgb(106, 171, 41);  
box-shadow:4px 4px 4px 4px rgb(106, 171,  
41) }
```

Background

The CSS property to change the background color of an element to YIQ 136.7450, 2.9900, -54.2100 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(106, 171, 41) }
```

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

```
.background{ background-color: rgb(106,  
171, 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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