

Converting Colors

YIQ(156.2590, 14.1270,
-30.2650)

Have a look what the booklet for
YIQ(156.2590, 14.1270, -30.2650)
contains.

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Color

**YIQ(156.2590, 14.1270,
-30.2650)**

Conversions

Conversions Part 1

Format	Color
Hex	97AC59
RGB	151, 172, 89
RGB Percent	59%, 67%, 35%
CMY	0.4079, 0.3254, 0.6509
CMYK	0.12, 0.00, 0.48, 0.33
HSL	75°, 33%, 51%
HSV	75°, 48%, 67%
XYZ	29.3163, 36.8069, 15.0173
YIQ	156.2590, 14.1270, -30.2650

Conversions

Conversions Part 2

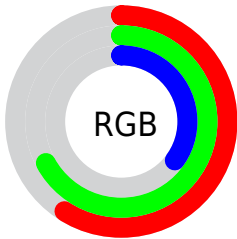
Format	Color
RYB	89, 172, 110
Decimal	9940057
CIELab	67.13, -20.50, 40.00
CIELCh	67, 44.945, 117.137
Yxy	36.8069, 0.3613, 0.4536
Android (android.graphics.Color)	4288130137 (0xFF97AC59)
YUV	156.2590, -33.1587, -4.6121
Hunter-Lab	60.6687, -19.9156, 27.7921

Details

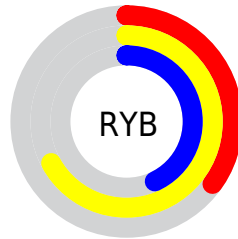
The YIQ color **156.2590, 14.1270, -30.2650** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **104.7410, -14.1270, 30.2650**, and the grayscale version is **157.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **211.2160, 15.6860, -30.9860**, and **104.3020, 12.5680, -29.5440** is the 20% darker color. If you saturate the color by 10%, you get **153.1250, 17.2000, -36.4000**, and if you desaturate by 10%, it is **159.3930, 11.0540, -24.1300**.

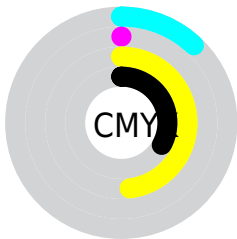
Distribution



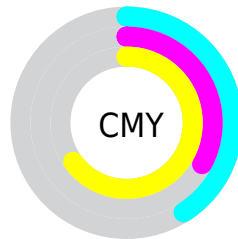
- Red (59%)
- Green (67%)
- Blue (35%)



- Red (35%)
- Yellow (67%)
- Blue (43%)



- Cyan (12%)
- Magenta (0%)
- Yellow (48%)
- Black (33%)




- Cyan (41%)
- Magenta (33%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 156.2590, 14.1270, -30.2650 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 156.2590, 14.1270, -30.2650 by changing the saturation by 10% instead.


 156.2590, 14.1270,
-30.2650


 156.2590, 14.1270,
-30.2650


255.0000, -0.0000,
-0.0000


 129.4870, 13.4850,
-29.6430


 211.2160, 15.6860,
-30.9860

 104.3020, 12.5680,
-29.5440


 239.1020, 16.0070,
-31.2970

 79.0740, 13.2100,
-30.1660


 248.1600, 19.2600,
-18.6600

 56.3280, 9.6790,
-26.7450

 251.4660, 9.9510,
-9.6410

 35.9390, 0.8290,
-20.5390

254.7720, 0.6420,
-0.6220

 17.0230, -7.9750,
-15.1670

 0.0000, 0.0000,

0.0000

■ 156.2590, 14.1270,
-30.2650

■ 156.2590, 14.1270,
-30.2650

■ 153.1250, 17.2000,
-36.4000

■ 159.3930, 11.0540,
-24.1300

■ 149.6920, 19.6770,
-42.7470

■ 162.8260, 8.5770,
-17.7830

■ 146.4440, 23.0710,
-49.1930

■ 166.0740, 5.1830,
-11.3370

■ 143.3100, 26.1440,
-55.3280

■ 169.2080, 2.1100,
-5.2020

■ 139.8770, 28.6210,
-61.6750

■ 172.6410, -0.3670,
1.1450

■ 139.2360, 28.9880,
-62.8200

■ 175.7750, -3.4400,
7.2800

■ 179.2080, -5.9170,
13.6270

■ 182.4560, -9.3110,
20.0730

■ 185.5900,
-12.3840, 26.2080

Harmonies

Analogous

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



160.5620, 44.4310, -17.7850



156.2590, 14.1270, -30.2650



149.6100, -26.5860, -35.8180

Triad

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



156.2590, 14.1270, -30.2650



131.2930, -123.0550, -22.0870



166.1400, 50.6570, 34.6010

Complementary

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



156.2590, 14.1270, -30.2650



104.7410, -14.1270, 30.2650

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.



168.0950, 20.1670, 36.5110



156.2590, 14.1270, -30.2650



153.0320, -72.9470, 5.9410

Square

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



156.2590, 14.1270, -30.2650



130.6940, -114.4790, -34.3430



165.3270, -21.8290, 26.6750



164.2380, 64.4600, 21.2280

Rectangle

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



156.2590, 14.1270, -30.2650



140.5810, -63.1730, -39.0530



165.3270, -21.8290, 26.6750



167.1160, 42.0370, 36.6370

Sweetspot

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



156.2590, 14.1270, -30.2650



218.0740, 5.1830, -11.3370



126.1440, 43.6930, 6.6130



108.3390, 3.1190, -6.9690



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.



156.2590, 14.1270, -30.2650



199.3130, 22.0620, -47.4260



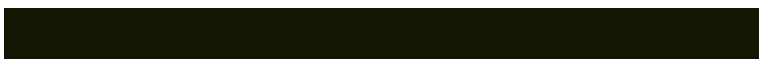
144.0000, -10.3090, -38.9570



85.3760, 1.6970, -3.2230



121.5380, 25.5020, -54.7060



18.5840, 3.8070, -8.4250

Inverse Universe

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



104.7410, -14.1270, 30.2650



118.6870, -22.0620, 47.4260



117.0000, 10.3090, 38.9570



79.6240, -1.6970, 3.2230



28.4620, -25.5020, 54.7060



4.4160, -3.8070, 8.4250

Previews

White Background



This preview shows how the YIQ color 156.2590, 14.1270, -30.2650 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 156.2590, 14.1270, -30.2650 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

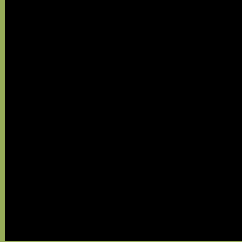
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 156.2590, 14.1270, -30.2650

Background



This preview shows how black text looks on a background with the YIQ color 156.2590, 14.1270, -30.2650.



This preview shows how white text looks on a background with the YIQ color 156.2590, 14.1270,

-30.2650.

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

156.2590, 14.1270, -30.2650

Protanopia

159.3050, 34.8490, -20.3430

Deuteranopia

161.6750, 45.8510, -10.4770



Tritanopia

163.4820, -4.1730, 4.0430

Trichromacy



Original Color

156.2590, 14.1270, -30.2650

Protanomaly

157.8910, 27.1470, -23.9330

Deuteranomaly

160.0000, 34.3900, -17.5300

Tritanomaly

161.1000, 2.2940, -8.5380

Monochromacy



Original Color

156.2590, 14.1270, -30.2650

Achromatopsia

156.0000, -0.0000, -0.0000

Achromatomaly

156.1880, 4.8620, -11.0260

CSS Examples

Text

The CSS property to change the color of the text to YIQ 156.2590, 14.1270, -30.2650 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(151, 172, 89)` looks like.

```
.text, #text, p{  
    color:rgb(151, 172, 89)  
}
```

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(151, 172, 89) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 172, 89) }
```

Border

The CSS property to change the border of an element to YIQ 156.2590, 14.1270, -30.2650 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(151, 172, 89) }
```


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

```
.border{ border-color:rgb(151, 172, 89) }
```

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

Here you see how a box with a 4 pixel rgb(151, 172, 89) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 172, 89); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 172, 89);  
box-shadow:4px 4px 4px 4px rgb(151, 172,  
89) }
```

Background

The CSS property to change the background color of an element to YIQ 156.2590, 14.1270, -30.2650 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 172, 89) }
```

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

```
.background{ background-color: rgb(151,  
172, 89) }
```

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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