

Converting Colors

YIQ(127.6010, 13.1640,
-29.3320)

Have a look what the booklet for
YIQ(127.6010, 13.1640, -29.3320)
contains.

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Color

**YIQ(127.6010, 13.1640,
-29.3320)**

Conversions

Conversions Part 1

Format	Color
Hex	7A8F3F
RGB	122, 143, 63
RGB Percent	48%, 56%, 25%
CMY	0.5217, 0.4392, 0.7528
CMYK	0.15, 0.00, 0.56, 0.44
HSL	76°, 39%, 40%
HSV	76°, 56%, 56%
XYZ	18.7442, 24.1424, 8.3789
YIQ	127.6010, 13.1640, -29.3320

Conversions

Conversions Part 2

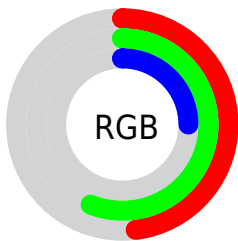
Format	Color
RYB	63, 143, 84
Decimal	8032063
CIELab	56.23, -20.30, 39.47
CIELCh	56, 44.381, 117.221
Yxy	24.1424, 0.3656, 0.4709
Android (android.graphics.Color)	4286222143 (0xFF7A8F3F)
YUV	127.6010, -31.8483, -4.9121
Hunter-Lab	49.1349, -17.8912, 24.2838

Details

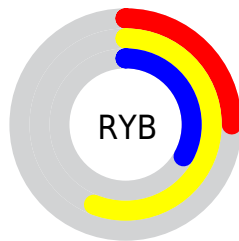
The YIQ color **127.6010, 13.1640, -29.3320** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **78.3990, -13.1640, 29.3320**, and the grayscale version is **128.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **181.1450, 14.4480, -30.5760**, and **77.1880, 12.8890, -29.8550** is the 20% darker color. If you saturate the color by 10%, you get **124.8090, 15.2740, -34.5340**, and if you desaturate by 10%, it is **130.3930, 11.0540, -24.1300**.

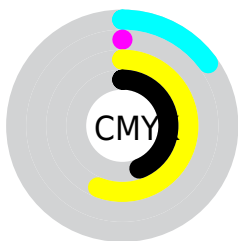
Distribution



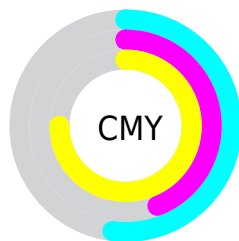
- Red (48%)
- Green (56%)
- Blue (25%)



- Red (25%)
- Yellow (56%)
- Blue (33%)



- Cyan (15%)
- Magenta (0%)
- Yellow (56%)
- Black (44%)



- Cyan (52%)
- Magenta (44%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 127.6010, 13.1640, -29.3320 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 127.6010, 13.1640, -29.3320 by changing the saturation by 10% instead.

127.6010, 13.1640,
-29.3320

127.6010, 13.1640,
-29.3320

255.0000, -0.0000,
-0.0000

101.8290, 12.5220,
-28.7100

181.1450, 14.4480,
-30.5760

77.1880, 12.8890,
-29.8550

208.9170, 15.0900,
-31.1980

54.5560, 9.0370,
-26.1230

237.1020, 16.0070,
-31.2970

34.1670, 0.1870,
-19.9170

248.0460, 19.5810,
-18.9710

16.4360, -7.7000,
-14.6440

251.2380, 10.5930,
-10.2630

0.0000, 0.0000,
0.0000

254.5440, 1.2840,

-1.2440

■ 127.6010, 13.1640,
-29.3320

■ 127.6010, 13.1640,
-29.3320

■ 124.8090, 15.2740,
-34.5340

■ 130.3930, 11.0540,
-24.1300

■ 121.9030, 17.7050,
-40.0470

■ 133.0000, 8.0270,
-18.8290

■ 119.4100, 20.4110,
-45.0370

■ 135.7920, 5.9170,
-13.6270

■ 116.6180, 22.5210,
-50.2390

■ 138.5840, 3.8070,
-8.4250

■ 115.3360, 23.2550,
-52.5290

■ 141.4900, 1.3760,
-2.9120

■ 144.2820, -0.7340,
2.2900

■ 146.7750, -3.4400,
7.2800

■ 149.5670, -5.5500,
12.4820

■ 152.4730, -7.9810,
17.9950

Harmonies

Analogous

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



131.0070, 41.6800, -17.4880



127.6010, 13.1640, -29.3320



120.2510, -26.9530, -34.6730

Triad

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



127.6010, 13.1640, -29.3320



110.1490, -104.8540, -16.0380



136.5310, 47.9980, 33.2300

Complementary

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



127.6010, 13.1640, -29.3320



78.3990, -13.1640, 29.3320

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.



138.8560, 19.3420, 34.9420



127.6010, 13.1640, -29.3320



120.9990, -77.3480, 3.1000

Square

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



127.6010, 13.1640, -29.3320



109.6640, -96.5990, -27.9830



136.3870, -22.0580, 25.3180



134.8570, 61.1590, 20.4790

Rectangle

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



127.6010, 13.1640, -29.3320



103.9320, -77.5230, -43.3070



136.3870, -22.0580, 25.3180



137.6920, 40.2950, 35.1670

Sweetspot

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



127.6010, 13.1640, -29.3320



180.0740, 5.1830, -11.3370



98.6600, 42.1800, 6.5000



90.3390, 3.1190, -6.9690



222.0000, -0.0000, 0.0000



94.0000, 0.0000, 0.0000

Same Dimension

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



127.6010, 13.1640, -29.3320



161.8830, 20.4570, -45.8710



115.9400, -10.0800, -37.6000



69.9030, 1.6510, -2.3890



109.1450, 22.4750, -49.4050



6.4900, 1.3760, -2.9120

Inverse Universe

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



78.3990, -13.1640, 29.3320



85.1170, -20.4570, 45.8710



90.0600, 10.0800, 37.6000



65.3960, -1.0550, 2.6010



26.1540, -21.8790, 49.6170



1.5100, -1.3760, 2.9120

Previews

White Background



This preview shows how the YIQ color 127.6010, 13.1640, -29.3320 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 127.6010, 13.1640, -29.3320 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

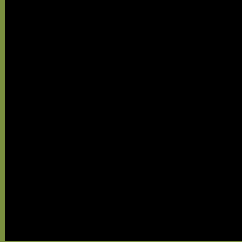
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 127.6010, 13.1640, -29.3320

Background



This preview shows how black text looks on a background with the YIQ color 127.6010, 13.1640, -29.3320.



This preview shows how white text looks on a background with the YIQ color 127.6010, 13.1640,

-29.3320.

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

127.6010, 13.1640, -29.3320

Protanopia

130.6360, 32.4190, -20.3570

Deuteranopia

132.4080, 42.2290, -10.9150



Tritanopia

134.6560, -4.7230, 2.9970

Trichromacy



Original Color

127.6010, 13.1640, -29.3320

Protanomaly

129.5210, 25.3130, -23.7350

Deuteranomaly

130.4450, 31.6390, -17.2330

Tritanomaly

131.8010, 1.6980, -8.7500

Monochromacy



Original Color

127.6010, 13.1640, -29.3320

Achromatopsia

128.0000, -0.0000, -0.0000

Achromatomaly

127.6010, 5.1370, -10.5030

CSS Examples

Text

The CSS property to change the color of the text to YIQ 127.6010, 13.1640, -29.3320 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(122, 143, 63)` looks like.

```
.text, #text, p{  
    color:rgb(122, 143, 63)  
}
```

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(122, 143, 63) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 143, 63) }
```

Border

The CSS property to change the border of an element to YIQ 127.6010, 13.1640, -29.3320 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(122, 143, 63) }
```


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

```
.border{ border-color:rgb(122, 143, 63) }
```

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

Here you see how a box with a 4 pixel `rgb(122, 143, 63)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 143, 63); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 143, 63);  
box-shadow:4px 4px 4px 4px rgb(122, 143,  
63) }
```

Background

The CSS property to change the background color of an element to YIQ 127.6010, 13.1640, -29.3320 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 143, 63) }
```

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

```
.background{ background-color: rgb(122,  
143, 63) }
```

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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