

Converting Colors

YIQ(127.3190, -29.6600,
-24.1560)

Have a look what the booklet for
YIQ(127.3190, -29.6600, -24.1560)
contains.

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Color

**YIQ(127.3190, -29.6600,
-24.1560)**

Conversions

Conversions Part 1

Format	Color
Hex	549777
RGB	84, 151, 119
RGB Percent	33%, 59%, 47%
CMY	0.6708, 0.4077, 0.5334
CMYK	0.44, 0.00, 0.21, 0.41
HSL	151°, 29%, 46%
HSV	151°, 44%, 59%
XYZ	18.0515, 25.3563, 21.3881
YIQ	127.3190, -29.6600, -24.1560

Conversions

Conversions Part 2

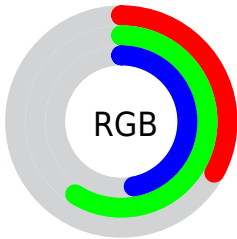
Format	Color
RYB	84, 128, 151
Decimal	5543799
CIELab	57.42, -29.06, 10.33
CIELCh	57, 30.844, 160.439
Yxy	25.3563, 0.2786, 0.3913
Android (android.graphics.Color)	4283733879 (0xFF549777)
YUV	127.3190, -4.1013, -37.9908
Hunter-Lab	50.3550, -24.1317, 10.0653

Details

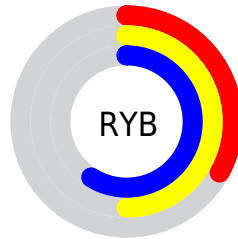
The YIQ color **127.3190, -29.6600, -24.1560** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **107.6810, 29.6600, 24.1560**, and the grayscale version is **127.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **181.3790, -29.8890, -25.5130**, and **76.0630, -31.8150, -23.6470** is the 20% darker color. If you saturate the color by 10%, you get **122.0360, -36.3530, -29.5130**, and if you desaturate by 10%, it is **132.6020, -22.9670, -18.7990**.

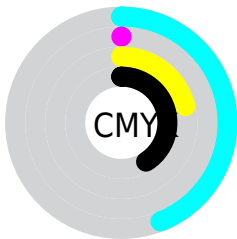
Distribution



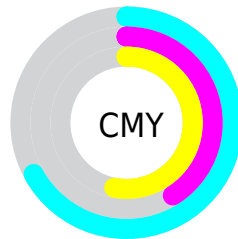
- Red (33%)
- Green (59%)
- Blue (47%)



- Red (33%)
- Yellow (50%)
- Blue (59%)



- Cyan (44%)
- Magenta (0%)
- Yellow (21%)
- Black (41%)



- Cyan (67%)
- Magenta (41%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 127.3190, -29.6600, -24.1560 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 127.3190, -29.6600, -24.1560 by changing the saturation by 10% instead.

■ 127.3190,
-29.6600, -24.1560

■ 127.3190,
-29.6600, -24.1560

■ 255.0000, -0.0000,
-0.0000

■ 101.4330,
-29.9810, -23.8450

■ 181.3790,
-29.8890, -25.5130

■ 76.0630, -31.8150,
-23.6470

■ 209.0800,
-30.4850, -25.7250

■ 49.4970, -36.0330,
-24.2970

■ 232.9710,
-28.5600, -22.0640

■ 33.6020, -22.9670,
-18.7990

■ 244.8340,
-20.2640, -7.2080

■ 18.8980, -9.1210,
-16.4250

■ 253.5050, -2.9800,
-1.0600

■ 0.0000, 0.0000,
0.0000

■ 127.3190,
-29.6600, -24.1560

■ 127.3190,
-29.6600, -24.1560

■ 122.0360,
-36.3530, -29.5130

■ 132.6020,
-22.9670, -18.7990

■ 116.7530,
-43.0460, -34.8700

■ 137.8850,
-16.2740, -13.4420

■ 111.3560,
-49.4180, -40.5380

■ 143.2820, -9.9020,
-7.7740

■ 106.0730,
-56.1110, -45.8950

■ 148.5650, -3.2090,
-2.4170

■ 100.4910,
-63.4000, -51.4640

■ 153.8480, 3.4840,
2.9400

■ 97.6430, -66.8840,
-54.4040

■ 159.4300, 10.7730,
8.5090

■ 164.7130, 17.4660,
13.8660

■ 170.1100, 23.8380,

19.5340

■ 175.3930, 30.5310,
24.8910

Harmonies

Analogous

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



132.2160, -1.5090, -22.2210



127.3190, -29.6600, -24.1560



120.6330, -59.7830, -23.3910

Triad

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



127.3190, -29.6600, -24.1560



136.5780, -30.4460, 12.1300



139.3830, 44.5180, 8.1820

Complementary

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



127.3190, -29.6600, -24.1560



107.6810, 29.6600, 24.1560

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.



140.1950, 39.6560, 19.2080



127.3190, -29.6600, -24.1560



141.2890, -1.4710, 21.1610

Square

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



127.3190, -29.6600, -24.1560



128.0640, -58.7780, -3.0500



141.8590, 23.2870, 24.0150



137.4710, 37.9180, -4.3700

Rectangle

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



127.3190, -29.6600, -24.1560



117.7870, -74.7760, -21.4960



141.8590, 23.2870, 24.0150



139.4310, 44.5630, 12.8750

Sweetspot

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



127.3190, -29.6600, -24.1560



187.1570, -11.0480, -9.0320



132.8970, 0.6470, -28.2570



93.7170, -6.6930, -5.3570



227.0000, -0.0000, -0.0000



99.0000, -0.0000, 0.0000

Same Dimension

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



127.3190, -29.6600, -24.1560



159.3180, -46.2550, -37.2870



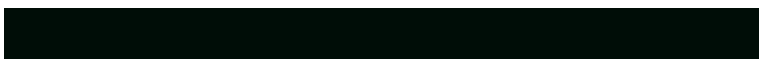
130.3800, -39.6570, -13.6810



74.1520, -3.4840, -2.9400



90.5020, -61.9330, -50.5170



8.4290, -5.8220, -4.6220

Inverse Universe

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



107.6810, 29.6600, 24.1560



128.7960, 45.9340, 37.5980



104.6200, 39.6570, 13.6810



71.8480, 3.4840, 2.9400



49.4980, 61.9330, 50.5170



4.5710, 5.8220, 4.6220

Previews

White Background



This preview shows how the YIQ color 127.3190, -29.6600, -24.1560 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 127.3190, -29.6600, -24.1560 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 127.3190, -29.6600, -24.1560 Background



This preview shows how black text looks on a background with the YIQ color 127.3190, -29.6600, -24.1560.



This preview shows how white text looks on a background with the YIQ color 127.3190, -29.6600, -24.1560.

-24.1560.

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

127.3190, -29.6600, -24.1560

Protanopia

136.5420, 12.7930, -6.0790

Deuteranopia

138.1500, 17.1930, 2.2890



Tritanopia

131.8200, -34.8440, -7.2920

Trichromacy



Original Color

127.3190, -29.6600, -24.1560

Protanomaly

133.2410, -2.6570, -12.4250

Deuteranomaly

134.3710, 0.0930, -7.1950

Tritanomaly

130.2020, -33.2840, -13.5400

Monochromacy



Original Color

127.3190, -29.6600, -24.1560

Achromatopsia

127.0000, -0.0000, -0.0000

Achromatomaly

127.1570, -11.0480, -9.0320

CSS Examples

Text

The CSS property to change the color of the text to YIQ 127.3190, -29.6600, -24.1560 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(84, 151, 119)` looks like.

```
.text, #text, p{  
    color:rgb(84, 151, 119)  
}
```

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(84, 151, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(84, 151, 119) }
```

Border

The CSS property to change the border of an element to YIQ 127.3190, -29.6600, -24.1560 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(84, 151, 119) }
```


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

```
.border{ border-color:rgb(84, 151, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(84, 151, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(84, 151, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(84, 151, 119);  
box-shadow:4px 4px 4px 4px rgb(84, 151,  
119) }
```

Background

The CSS property to change the background color of an element to YIQ 127.3190, -29.6600, -24.1560 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(84, 151, 119) }
```

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

```
.background{ background-color: rgb(84, 151,  
119) }
```

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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