

Converting Colors

YIQ(127.5100, -28.8800,
-27.2800)

Have a look what the booklet for
YIQ(127.5100, -28.8800, -27.2800)
contains.

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Color

**YIQ(127.5100, -28.8800,
-27.2800)**

Conversions

Conversions Part 1

Format	Color
Hex	539971
RGB	83, 153, 113
RGB Percent	33%, 60%, 44%
CMY	0.6747, 0.3999, 0.5569
CMYK	0.46, 0.00, 0.26, 0.40
HSL	146°, 30%, 46%
HSV	146°, 46%, 60%
XYZ	17.9384, 25.8206, 19.6549
YIQ	127.5100, -28.8800, -27.2800

Conversions

Conversions Part 2

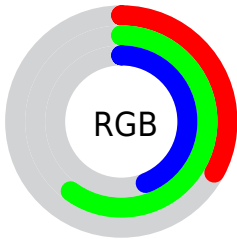
Format	Color
R_{YB}	83, 132, 153
Decimal	5478769
CIE _{Lab}	57.87, -31.59, 14.32
CIE _{LCh}	58, 34.682, 155.606
Yxy	25.8206, 0.2829, 0.4072
Android (android.graphics.Color)	4283668849 (0xFF539971)
YUV	127.5100, -7.1534, -39.0353
Hunter-Lab	50.8140, -25.9101, 12.6364

Details

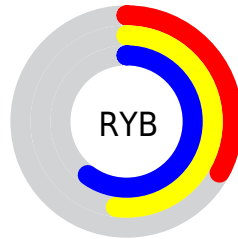
The YIQ color **127.5100, -28.8800, -27.2800** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **108.4900, 28.8800, 27.2800**, and the grayscale version is **128.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **181.5700, -29.1090, -28.6370**, and **75.3680, -31.3560, -26.4600** is the 20% darker color. If you saturate the color by 10%, you get **121.9990, -34.9310, -33.2590**, and if you desaturate by 10%, it is **133.0210, -22.8290, -21.3010**.

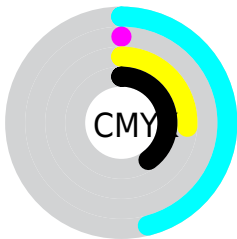
Distribution



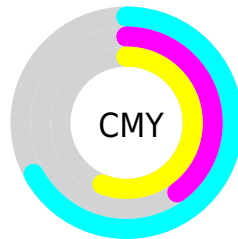
- Red (33%)
- Green (60%)
- Blue (44%)



- Red (33%)
- Yellow (52%)
- Blue (60%)



- Cyan (46%)
- Magenta (0%)
- Yellow (26%)
- Black (40%)



- Cyan (67%)
- Magenta (40%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 127.5100, -28.8800, -27.2800 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 127.5100, -28.8800, -27.2800 by changing the saturation by 10% instead.

■ 127.5100,
-28.8800, -27.2800

■ 127.5100,
-28.8800, -27.2800

■ 255.0000, -0.0000,
-0.0000

■ 101.6240,
-29.2010, -26.9690

■ 181.5700,
-29.1090, -28.6370

■ 75.3680, -31.3560,
-26.4600

■ 209.1570,
-29.3840, -29.1600

■ 50.1010, -34.9780,
-26.8980

■ 231.8740,
-26.9090, -24.4530

■ 33.6190, -21.6370,
-20.8770

■ 243.8510,
-18.9340, -9.2860

■ 19.9580, -9.3500,
-17.7820

■ 253.2060, -3.5760,
-1.2720

■ 0.0000, 0.0000,
0.0000

■ 127.5100,
-28.8800, -27.2800

■ 127.5100,
-28.8800, -27.2800

■ 121.9990,
-34.9310, -33.2590

■ 133.0210,
-22.8290, -21.3010

■ 116.1890,
-41.5780, -39.4500

■ 138.7170,
-15.8610, -15.4210

■ 110.7920,
-47.9500, -45.1180

■ 144.2280, -9.8100,
-9.4420

■ 105.2810,
-54.0010, -51.0970

■ 149.7390, -3.7590,
-3.4630

■ 99.4710, -60.6480,
-57.2880

■ 155.2500, 2.2920,
2.5160

■ 97.3350, -63.2610,
-59.4930

■ 160.9460, 9.2600,
8.3960

■ 166.4570, 15.3110,
14.3750

■ 171.9680, 21.3620,

20.3540

 177.7780, 28.0090,
26.5450

Harmonies

Analogous

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



133.2010, 2.8470, -24.0730



127.5100, -28.8800, -27.2800



117.2680, -69.1810, -29.2850

Triad

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



127.5100, -28.8800, -27.2800



135.6630, -40.9910, 10.5050



140.1280, 49.7900, 11.7580

Complementary

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



127.5100, -28.8800, -27.2800



108.4900, 28.8800, 27.2800

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.



141.6840, 42.7730, 23.2930



127.5100, -28.8800, -27.2800



142.0050, -6.4230, 22.8010

Square

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



127.5100, -28.8800, -27.2800



122.1370, -78.2170, -8.6890



143.0810, 22.7820, 27.6620



138.8200, 44.2450, -3.3950

Rectangle

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



127.5100, -28.8800, -27.2800



109.6810, -95.2690, -30.0610



143.0810, 22.7820, 27.6620



140.5780, 48.6430, 16.0270

Sweetspot

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



127.5100, -28.8800, -27.2800



188.8040, -11.5520, -10.9120



136.3490, 5.1860, -27.9180



93.1900, -6.6470, -6.1910



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.



127.5100, -28.8800, -27.2800



159.2270, -44.7410, -42.7010



131.3860, -39.7940, -16.7060



74.0380, -3.1630, -3.2510



89.0200, -57.7600, -54.5600



8.2010, -5.1800, -5.2440

Inverse Universe

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



108.4900, 28.8800, 27.2800



129.6590, 45.0620, 42.3900



104.6140, 39.7940, 16.7060



71.8480, 3.4840, 2.9400



50.9800, 57.7600, 54.5600



4.6850, 5.5010, 4.9330

Previews

White Background



This preview shows how the YIQ color 127.5100, -28.8800, -27.2800 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 127.5100, -28.8800, -27.2800 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

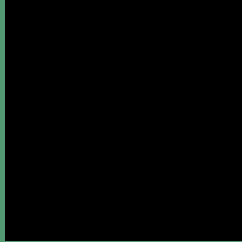
Any Text WCAG AA ✓ Pass

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 127.5100, -28.8800, -27.2800 Background



This preview shows how black text looks on a background with the YIQ color 127.5100, -28.8800, -27.2800.



This preview shows how white text looks on a background with the YIQ color 127.5100, -28.8800, -27.2800.

-27.2800.

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

127.5100, -28.8800, -27.2800

Protanopia

137.3420, 16.2320, -7.8320

Deuteranopia

138.9500, 20.6320, 0.5360



Tritanopia

132.5210, -35.4400, -7.5040

Trichromacy



Original Color

127.5100, -28.8800, -27.2800

Protanomaly

133.4430, -0.4100, -14.6020

Deuteranomaly

134.5730, 2.3400, -9.3720

Tritanomaly

130.5610, -32.9170, -14.6850

Monochromacy



Original Color

127.5100, -28.8800, -27.2800

Achromatopsia

128.0000, -0.0000, -0.0000

Achromatomaly

127.9290, -10.4060, -9.6540

CSS Examples

Text

The CSS property to change the color of the text to YIQ 127.5100, -28.8800, -27.2800 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(83, 153, 113)` looks like.

```
.text, #text, p{  
    color:rgb(83, 153, 113)  
}
```

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(83, 153, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(83, 153, 113) }
```

Border

The CSS property to change the border of an element to YIQ 127.5100, -28.8800, -27.2800 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(83, 153, 113) }
```


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

```
.border{ border-color:rgb(83, 153, 113) }
```

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

Here you see how a box with a 4 pixel `rgb(83, 153, 113)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(83, 153, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(83, 153, 113);  
box-shadow:4px 4px 4px 4px rgb(83, 153,  
113) }
```

Background

The CSS property to change the background color of an element to YIQ 127.5100, -28.8800, -27.2800 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(83, 153, 113) }
```

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

```
.background{ background-color: rgb(83, 153,  
113) }
```

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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