

Converting Colors

YIQ(127.5030, -18.9750,
-36.0870)

Have a look what the booklet for
YIQ(127.5030, -18.9750, -36.0870)
contains.

YIQ(127.5030, -18.9750, -36.0870)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(127.5030, -18.9750,
-36.0870)**

Conversions

Conversions Part 1

Format	Color
Hex	579C57
RGB	87, 156, 87
RGB Percent	34%, 61%, 34%
CMY	0.6590, 0.3881, 0.6588
CMYK	0.44, 0.00, 0.44, 0.39
HSL	120°, 28%, 48%
HSV	120°, 44%, 61%
XYZ	17.5389, 26.4983, 13.2059
YIQ	127.5030, -18.9750, -36.0870

Conversions

Conversions Part 2

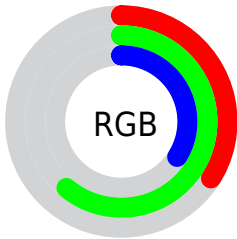
Format	Color
RYB	87, 156, 156
Decimal	5741655
CIELab	58.51, -36.49, 29.46
CIElCh	59, 46.900, 141.085
Yxy	26.4983, 0.3064, 0.4629
Android (android.graphics.Color)	4283931735 (0xFF579C57)
YUV	127.5030, -19.9680, -35.5211
Hunter-Lab	51.4765, -29.2660, 20.8232

Details

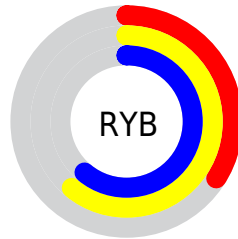
The YIQ color **127.5030, -18.9750, -36.0870** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **115.4970, 18.9750, 36.0870**, and the grayscale version is **128.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **181.7480, -18.2870, -37.5430**, and **75.4750, -21.7720, -34.9560** is the 20% darker color. If you saturate the color by 10%, you get **120.8950, -23.3750, -44.4550**, and if you desaturate by 10%, it is **134.1110, -14.5750, -27.7190**.

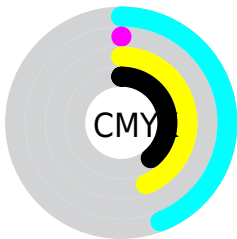
Distribution



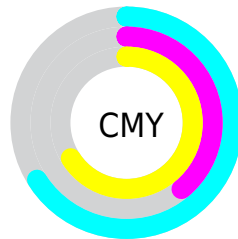
- Red (34%)
- Green (61%)
- Blue (34%)



- Red (34%)
- Yellow (61%)
- Blue (61%)



- Cyan (44%)
- Magenta (0%)
- Yellow (44%)
- Black (39%)



- Cyan (66%)
- Magenta (39%)
- Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 127.5030, -18.9750, -36.0870 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 127.5030, -18.9750, -36.0870 by changing the saturation by 10% instead.

■ 127.5030,
-18.9750, -36.0870

■ 127.5030,
-18.9750, -36.0870

■ 255.0000, -0.0000,
-0.0000

■ 101.4320,
-20.2130, -35.6770

■ 181.4490,
-18.8830, -37.7550

■ 75.4750, -21.7720,
-34.9560

■ 209.8080,
-18.5160, -38.9000

■ 48.1970, -26.8610,
-36.3410

■ 230.1770,
-14.9410, -32.1010

■ 32.8720, -15.4000,
-29.2880

■ 242.0400, -6.6450,
-17.2450

■ 21.1320, -9.9000,
-18.8280

■ 254.0170, 1.3300,
-2.0780

■ 0.0000, 0.0000,
0.0000

■ 127.5030,
-18.9750, -36.0870

■ 127.5030,
-18.9750, -36.0870

■ 120.8950,
-23.3750, -44.4550

■ 134.1110,
-14.5750, -27.7190

■ 114.7000,
-27.5000, -52.3000

■ 140.3060,
-10.4500, -19.8740

■ 108.0920,
-31.9000, -60.6680

■ 146.9140, -6.0500,
-11.5060

■ 101.8970,
-36.0250, -68.5130

■ 153.1090, -1.9250,
-3.6610

■ 95.2890, -40.4250,
-76.8810

■ 159.7170, 2.4750,
4.7070

■ 91.5720, -42.9000,
-81.5880

■ 166.3250, 6.8750,
13.0750

■ 172.5200, 11.0000,
20.9200

■ 179.1280, 15.4000,

29.2880

■ 185.3230, 19.5250,
37.1330

Harmonies

Analogous

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



133.7930, 21.3710, -29.3890



127.5030, -18.9750, -36.0870



108.9850, -85.0420, -44.7060

Triad

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



127.5030, -18.9750, -36.0870



112.7710, -112.2370, -8.8850



140.5740, 63.6340, 25.1860

Complementary

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



127.5030, -18.9750, -36.0870



115.4970, 18.9750, 36.0870

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.



142.6820, 46.2550, 37.2870



127.5030, -18.9750, -36.0870



140.7600, -33.4740, 22.9580

Square

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



127.5030, -18.9750, -36.0870



116.0020, -108.9340, -19.1900



144.7890, 12.2810, 36.2570



139.7410, 63.8210, 5.2690

Rectangle

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



127.5030, -18.9750, -36.0870



112.1770, -94.0300, -35.9980



144.7890, 12.2810, 36.2570



140.9960, 59.6900, 30.5860

Sweetspot

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



127.5030, -18.9750, -36.0870



192.8490, -7.4250, -14.1210



148.1340, 22.1490, -21.4590



95.3920, -4.4000, -8.3680



230.0000, -0.0000, 0.0000



102.0000, -0.0000, -0.0000

Same Dimension

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



127.5030, -18.9750, -36.0870



159.3960, -29.7000, -56.4840



131.3790, -29.8890, -25.5130



75.6960, -2.2000, -4.1840



83.9410, -39.3250, -74.7890



8.8050, -4.1250, -7.8450

Inverse Universe

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



115.4970, 18.9750, 36.0870



140.6040, 29.7000, 56.4840



111.5070, 30.2100, 25.2020



74.3040, 2.2000, 4.1840



59.0590, 39.3250, 74.7890



6.1950, 4.1250, 7.8450

Previews

White Background



This preview shows how the YIQ color 127.5030, -18.9750, -36.0870 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 127.5030, -18.9750, -36.0870 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 127.5030, -18.9750, -36.0870 Background



This preview shows how black text looks on a background with the YIQ color 127.5030, -18.9750, -36.0870.



This preview shows how white text looks on a background with the YIQ color 127.5030, -18.9750, -36.0870.

-36.0870.

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

127.5030, -18.9750, -36.0870

Protanopia

137.1610, 26.6870, -15.5930

Deuteranopia

139.3780, 33.7460, -5.8540



Tritanopia

135.6140, -31.2680, -6.0200

Trichromacy



Original Color

127.5030, -18.9750, -36.0870

Protanomaly

133.7350, 10.0910, -23.1970

Deuteranomaly

135.1750, 14.9040, -16.8080

Tritanomaly

132.8020, -26.4060, -17.0460

Monochromacy



Original Color

127.5030, -18.9750, -36.0870

Achromatopsia

128.0000, -0.0000, -0.0000

Achromatomaly

127.6750, -6.8750, -13.0750

CSS Examples

Text

The CSS property to change the color of the text to YIQ 127.5030, -18.9750, -36.0870 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(87, 156, 87)` looks like.

```
.text, #text, p{  
    color:rgb(87, 156, 87)  
}
```

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(87, 156, 87) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(87, 156, 87) }
```

Border

The CSS property to change the border of an element to YIQ 127.5030, -18.9750, -36.0870 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(87, 156, 87) }
```


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

```
.border{ border-color:rgb(87, 156, 87) }
```

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

Here you see how a box with a 4 pixel `rgb(87, 156, 87)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(87, 156, 87); -webkit-box-  
shadow:4px 4px 4px 4px rgb(87, 156, 87);  
box-shadow:4px 4px 4px 4px rgb(87, 156,  
87) }
```

Background

The CSS property to change the background color of an element to YIQ 127.5030, -18.9750, -36.0870 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(87, 156, 87) }
```

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

```
.background{ background-color: rgb(87, 156,  
87) }
```

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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