

Converting Colors

YIQ(118.4070, -27.0920,
-26.6440)

Have a look what the booklet for
YIQ(118.4070, -27.0920, -26.6440)
contains.

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Color

**YIQ(118.4070, -27.0920,
-26.6440)**

Conversions

Conversions Part 1

Format	Color
Hex	4C8F67
RGB	76, 143, 103
RGB Percent	30%, 56%, 40%
CMY	0.7021, 0.4391, 0.5961
CMYK	0.47, 0.00, 0.28, 0.44
HSL	144°, 31%, 43%
HSV	144°, 47%, 56%
XYZ	15.2506, 22.1668, 16.3017
YIQ	118.4070, -27.0920, -26.6440

Conversions

Conversions Part 2

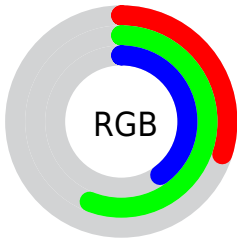
Format	Color
R_{YB}	76, 124, 143
Decimal	5017447
CIE _{Lab}	54.20, -30.90, 14.84
CIE _{LCh}	54, 34.283, 154.347
Yxy	22.1668, 0.2839, 0.4126
Android (android.graphics.Color)	4283207527 (0xFF4C8F67)
YUV	118.4070, -7.5957, -37.1909
Hunter-Lab	47.0816, -24.5733, 12.4284

Details

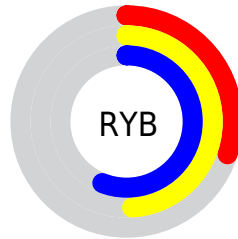
The YIQ color **118.4070, -27.0920, -26.6440** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **100.5930, 27.0920, 26.6440**, and the grayscale version is **119.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **171.7660, -26.7250, -27.7890**, and **66.6670, -30.7600, -26.2480** is the 20% darker color. If you saturate the color by 10%, you get **113.1950, -32.5470, -32.4110**, and if you desaturate by 10%, it is **123.6190, -21.6370, -20.8770**.

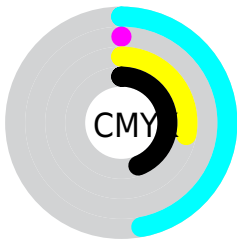
Distribution



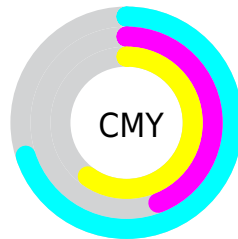
- Red (30%)
- Green (56%)
- Blue (40%)



- Red (30%)
- Yellow (49%)
- Blue (56%)



- Cyan (47%)
- Magenta (0%)
- Yellow (28%)
- Black (44%)



- Cyan (70%)
- Magenta (44%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 118.4070, -27.0920, -26.6440 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 118.4070, -27.0920, -26.6440 by changing the saturation by 10% instead.

■ 118.4070,
-27.0920, -26.6440

■ 118.4070,
-27.0920, -26.6440

■ 255.0000, -0.0000,
-0.0000

■ 92.6350, -27.7340,
-26.0220

■ 171.7660,
-26.7250, -27.7890

■ 66.6670, -30.7600,
-26.2480

■ 199.3530,
-27.0000, -28.3120

■ 43.7920, -29.6140,
-24.9900

■ 227.6410,
-27.8710, -29.0470

■ 27.8970, -16.5480,
-19.4920

■ 240.0910,
-19.8500, -14.7140

■ 13.5010, -6.3250,
-12.0290

■ 250.8140, -8.3440,
-2.9680

■ 0.0000, 0.0000,
0.0000

■ 118.4070,
-27.0920, -26.6440

■ 118.4070,
-27.0920, -26.6440

■ 113.1950,
-32.5470, -32.4110

■ 123.6190,
-21.6370, -20.8770

■ 107.7980,
-38.9190, -38.0790

■ 129.0160,
-15.2650, -15.2090

■ 102.5860,
-44.3740, -43.8460

■ 134.2280, -9.8100,
-9.4420

■ 97.4880, -50.1500,
-49.3020

■ 139.3260, -4.0340,
-3.9860

■ 91.9770, -56.2010,
-55.2810

■ 144.5380, 1.4210,
1.7810

■ 90.5530, -57.9430,
-56.7510

■ 149.9350, 7.7930,
7.4490

■ 155.1470, 13.2480,
13.2160

■ 160.2450, 19.0240,

18.6720

■ 165.7560, 25.0750,
24.6510

Harmonies

Analogous

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



123.7990, 4.0390, -23.6490



118.4070, -27.0920, -26.6440



106.5560, -70.0520, -30.0200

Triad

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



118.4070, -27.0920, -26.6440



125.8370, -41.5410, 9.4590



130.7580, 47.9560, 11.9560

Complementary

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



118.4070, -27.0920, -26.6440



100.5930, 27.0920, 26.6440

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.



131.9010, 40.6640, 22.9680



118.4070, -27.0920, -26.6440



132.1080, -8.2110, 22.1650

Square

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



118.4070, -27.0920, -26.6440



109.2180, -82.9390, -11.2190



133.1840, 20.9940, 27.0260



129.1620, 43.2820, -2.4620

Rectangle

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



118.4070, -27.0920, -26.6440



102.5570, -88.9880, -28.2520



133.1840, 20.9940, 27.0260



131.2080, 46.8090, 16.2250

Sweetspot

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



118.4070, -27.0920, -26.6440



176.5160, -10.6810, -10.1770



127.2890, 5.4150, -26.5610



88.1900, -6.6470, -6.1910



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.



118.4070, -27.0920, -26.6440



147.8360, -42.0820, -41.3300



122.1690, -37.6850, -16.3810



68.4510, -2.8880, -2.7280



85.4010, -54.4590, -53.8110



5.0380, -3.1630, -3.2510

Inverse Universe

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



100.5930, 27.0920, 26.6440



120.1640, 42.0820, 41.3300



96.8310, 37.6850, 16.3810



66.6630, 2.5670, 3.0390



49.5990, 54.4590, 53.8110



2.9620, 3.1630, 3.2510

Previews

White Background



This preview shows how the YIQ color 118.4070, -27.0920, -26.6440 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 118.4070, -27.0920, -26.6440 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 118.4070, -27.0920, -26.6440 Background



This preview shows how black text looks on a background with the YIQ color 118.4070, -27.0920, -26.6440.



This preview shows how white text looks on a background with the YIQ color 118.4070, -27.0920, -26.6440.

-26.6440.

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

118.4070, -27.0920, -26.6440

Protanopia

127.9290, 15.9570, -8.3550

Deuteranopia

129.5370, 20.3570, 0.0130



Tritanopia

123.3040, -33.3310, -7.1790

Trichromacy



Original Color

118.4070, -27.0920, -26.6440

Protanomaly

124.3290, -0.0890, -14.9130

Deuteranomaly

125.4590, 2.6610, -9.6830

Tritanomaly

121.4580, -31.1290, -14.0490

Monochromacy



Original Color

118.4070, -27.0920, -26.6440

Achromatopsia

118.0000, 0.0000, -0.0000

Achromatomaly

118.2280, -9.8100, -9.4420

CSS Examples

Text

The CSS property to change the color of the text to YIQ 118.4070, -27.0920, -26.6440 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(76, 143, 103)` looks like.

```
.text, #text, p{  
    color:rgb(76, 143, 103)  
}
```

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(76, 143, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(76, 143, 103) }
```

Border

The CSS property to change the border of an element to YIQ 118.4070, -27.0920, -26.6440 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(76, 143, 103) }
```


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

```
.border{ border-color:rgb(76, 143, 103) }
```

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

Here you see how a box with a 4 pixel `rgb(76, 143, 103)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(76, 143, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(76, 143, 103);  
box-shadow:4px 4px 4px 4px rgb(76, 143,  
103) }
```

Background

The CSS property to change the background color of an element to YIQ 118.4070, -27.0920, -26.6440 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(76, 143, 103) }
```

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

```
.background{ background-color: rgb(76, 143,  
103) }
```

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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