

Converting Colors

YIQ(154.2970, -6.2310,
-24.7510)

Have a look what the booklet for
YIQ(154.2970, -6.2310, -24.7510)
contains.

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Color

**YIQ(154.2970, -6.2310,
-24.7510)**

Conversions

Conversions Part 1

Format	Color
Hex	85AC77
RGB	133, 172, 119
RGB Percent	52%, 67%, 47%
CMY	0.4786, 0.3254, 0.5333
CMYK	0.23, 0.00, 0.31, 0.33
HSL	104°, 24%, 57%
HSV	104°, 31%, 67%
XYZ	27.7534, 35.8272, 22.9066
YIQ	154.2970, -6.2310, -24.7510

Conversions

Conversions Part 2

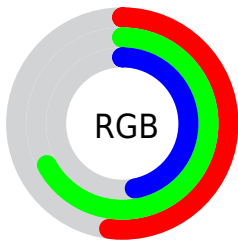
Format	Color
RYB	119, 172, 158
Decimal	8760439
CIELab	66.39, -23.41, 23.10
CIElCh	66, 32.884, 135.380
Yxy	35.8272, 0.3209, 0.4142
Android (android.graphics.Color)	4286950519 (0xFF85AC77)
YUV	154.2970, -17.4014, -18.6775
Hunter-Lab	59.8558, -21.9823, 19.2090

Details

The YIQ color **154.2970, -6.2310, -24.7510** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **136.7030, 6.2310, 24.7510**, and the grayscale version is **154.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **209.3570, -6.4600, -26.1080**, and **102.9380, -6.5980, -23.6060** is the 20% darker color. If you saturate the color by 10%, you get **148.4720, -8.5220, -32.7940**, and if you desaturate by 10%, it is **160.1220, -3.9400, -16.7080**.

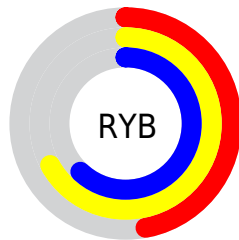
Distribution



Red (52%)

Green (67%)

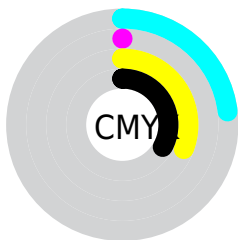
Blue (47%)



Red (47%)

Yellow (67%)

Blue (62%)

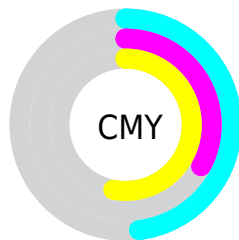


Cyan (23%)

Magenta (0%)

Yellow (31%)

Black (33%)



Cyan (48%)

Magenta (33%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 154.2970, -6.2310, -24.7510 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 154.2970, -6.2310, -24.7510 by changing the saturation by 10% instead.

■ 154.2970, -6.2310,
-24.7510

■ 154.2970, -6.2310,
-24.7510

■ 255.0000, -0.0000,
-0.0000

■ 127.8240, -6.2770,
-23.9170

■ 209.3570, -6.4600,
-26.1080

■ 102.9380, -6.5980,
-23.6060

■ 236.6560, -5.8640,
-25.8960

■ 78.4650, -6.6440,
-22.7720

■ 248.5190, 2.4320,
-11.0400

■ 54.6930, -7.2860,
-22.1500

■ 31.4650, -6.6440,
-22.7720

■ 17.0230, -7.9750,
-15.1670

■ 0.0000, 0.0000,

0.0000

■ 154.2970, -6.2310,
-24.7510

■ 154.2970, -6.2310,
-24.7510

■ 148.4720, -8.5220,
-32.7940

■ 160.1220, -3.9400,
-16.7080

■ 142.9460,
-10.2170, -40.6250

■ 165.6480, -2.2450,
-8.8770

■ 137.0070,
-12.1870, -48.9790

■ 171.5870, -0.2750,
-0.5230

■ 131.1820,
-14.4780, -57.0220

■ 177.4120, 2.0160,
7.5200

■ 125.6560,
-16.1730, -64.8530

■ 182.9380, 3.7110,
15.3510

■ 119.8310,
-18.4640, -72.8960

■ 188.7630, 6.0020,
23.3940

■ 114.4190,
-20.4800, -80.4160

■ 194.5880, 8.2930,
31.4370

■ 200.0000, 10.3090,
38.9570

■ 203.8870, 18.0570,
41.7130

Harmonies

Analogous

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



157.7580, 20.4520, -18.2360



154.2970, -6.2310, -24.7510



148.9590, -37.4540, -26.0780

Triad

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



154.2970, -6.2310, -24.7510



153.0580, -58.6410, -0.0250



164.1310, 45.7080, 19.6600

Complementary

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



154.2970, -6.2310, -24.7510



136.7030, 6.2310, 24.7510

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.



165.7350, 29.5680, 25.8240



154.2970, -6.2310, -24.7510



161.2410, -27.8790, 15.1690

Square

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



154.2970, -6.2310, -24.7510



143.5080, -78.1240, -15.8840



165.0340, 3.8010, 24.7370



162.8950, 48.8280, 7.1640

Rectangle

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



154.2970, -6.2310, -24.7510



145.2370, -58.7280, -25.9920



165.0340, 3.8010, 24.7370



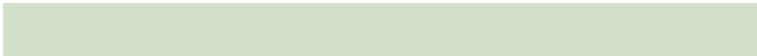
164.9720, 41.9020, 22.5580

Sweetspot

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



154.2970, -6.2310, -24.7510



217.5340, -1.9240, -9.1880



157.7400, 20.8630, -9.1610



107.9410, -1.5120, -5.6400



240.0000, -0.0000, -0.0000



112.0000, -0.0000, 0.0000

Same Dimension

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



154.2970, -6.2310, -24.7510



196.2990, -9.7130, -38.7450



151.4790, -18.4270, -23.9870



83.8810, -1.2830, -4.2830



100.0100, -17.4100, -69.9700



15.2950, -2.7490, -10.7570

Inverse Universe

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



136.7030, 6.2310, 24.7510



169.0000, 10.3090, 38.9570



139.5210, 18.4270, 23.9870



80.8200, 0.6870, 4.0710



50.2890, 18.0060, 70.1820



7.7050, 2.7490, 10.7570

Previews

White Background



This preview shows how the YIQ color 154.2970, -6.2310, -24.7510 looks on a white background.

Color Contrast Check

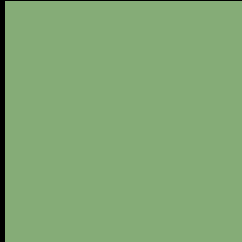
Large Text (above 18pt) WCAG AA × Fail

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 154.2970, -6.2310, -24.7510 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

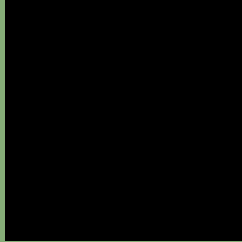
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 154.2970, -6.2310, -24.7510

Background



This preview shows how black text looks on a background with the YIQ color 154.2970, -6.2310, -24.7510.



This preview shows how white text looks on a background with the YIQ color 154.2970, -6.2310,

-24.7510.

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

154.2970, -6.2310, -24.7510

Protanopia

159.2300, 22.2390, -12.0730

Deuteranopia

160.9310, 30.8110, -2.2210



Tritanopia

159.9040, -17.2850, -0.6210

Trichromacy



Original Color

154.2970, -6.2310, -24.7510

Protanomaly

157.3210, 11.5570, -16.7230

Deuteranomaly

158.9460, 17.2870, -10.4330

Tritanomaly

158.0750, -13.7530, -9.5690

Monochromacy



Original Color

154.2970, -6.2310, -24.7510

Achromatopsia

154.0000, -0.0000, -0.0000

Achromatomaly

154.2350, -2.5200, -9.4000

CSS Examples

Text

The CSS property to change the color of the text to YIQ 154.2970, -6.2310, -24.7510 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(133, 172, 119)` looks like.

```
.text, #text, p{  
    color:rgb(133, 172, 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(133, 172, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 172, 119) }
```

Border

The CSS property to change the border of an element to YIQ 154.2970, -6.2310, -24.7510 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(133, 172, 119) }
```


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

```
.border{ border-color:rgb(133, 172, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(133, 172, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 172, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 172, 119);  
box-shadow:4px 4px 4px 4px rgb(133, 172,  
119) }
```

Background

The CSS property to change the background color of an element to YIQ 154.2970, -6.2310, -24.7510 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 172, 119) }
```

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

```
.background{ background-color: rgb(133,  
172, 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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