

Converting Colors

YIQ(149.1570, -3.0210,
-27.8610)

Have a look what the booklet for
YIQ(149.1570, -3.0210, -27.8610)
contains.

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Color

**YIQ(149.1570, -3.0210,
-27.8610)**

Conversions

Conversions Part 1

Format	Color
Hex	81A869
RGB	129, 168, 105
RGB Percent	51%, 66%, 41%
CMY	0.4942, 0.3411, 0.5882
CMYK	0.23, 0.00, 0.38, 0.34
HSL	97°, 27%, 54%
HSV	97°, 38%, 66%
XYZ	25.6041, 33.6959, 18.5216
YIQ	149.1570, -3.0210, -27.8610

Conversions

Conversions Part 2

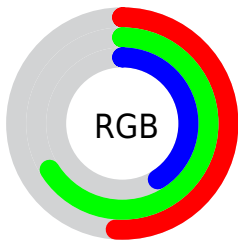
Format	Color
RYB	105, 168, 144
Decimal	8497257
CIELab	64.72, -25.01, 28.36
CIElCh	65, 37.813, 131.416
Yxy	33.6959, 0.3290, 0.4330
Android (android.graphics.Color)	4286687337 (0xFF81A869)
YUV	149.1570, -21.7694, -17.6777
Hunter-Lab	58.0481, -22.8509, 21.7158

Details

The YIQ color $149.1570, -3.0210, -27.8610$ is a dark color, and the websafe version is hex 669966 . A complement of this color would be $123.8430, 3.0210, 27.8610$, and the grayscale version is $149.0000, 0.0000, -0.0000$.

A 20% lighter version of the original color is $203.5160, -2.6540, -29.0060$, and $97.9120, -3.7090, -26.4050$ is the 20% darker color. If you saturate the color by 10%, you get $144.2290, -3.5240, -35.2680$, and if you desaturate by 10%, it is $154.0850, -2.5180, -20.4540$.

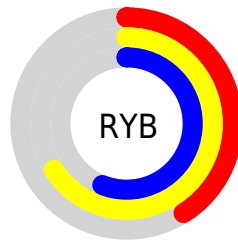
Distribution



Red (51%)

Green (66%)

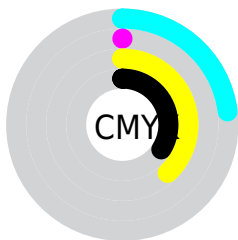
Blue (41%)



Red (41%)

Yellow (66%)

Blue (56%)

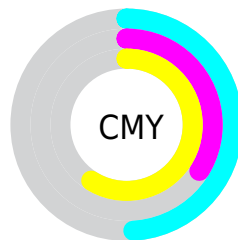


Cyan (23%)

Magenta (0%)

Yellow (38%)

Black (34%)



Cyan (49%)


Magenta (34%)


Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 149.1570, -3.0210, -27.8610 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 149.1570, -3.0210, -27.8610 by changing the saturation by 10% instead.


 149.1570, -3.0210,
-27.8610


 149.1570, -3.0210,
-27.8610


255.0000, -0.0000,
-0.0000


 122.6840, -3.0670,
-27.0270


 203.5160, -2.6540,
-29.0060


 97.9120, -3.7090,
-26.4050


 231.9890, -2.6080,
-29.8400


 73.4390, -3.7550,
-25.5710

 245.6130, 4.8630,
-16.5530

 49.1400, -4.3510,
-25.7830

 253.2900, 4.8150,
-4.6650

 28.5080, -8.2030,
-22.0510

 14.6750, -6.8750,
-13.0750

 0.0000, 0.0000,

0.0000

■ 149.1570, -3.0210,
-27.8610

■ 149.1570, -3.0210,
-27.8610

■ 144.2290, -3.5240,
-35.2680

■ 154.0850, -2.5180,
-20.4540

■ 139.0020, -4.6230,
-42.8870

■ 159.3120, -1.4190,
-12.8350

■ 134.1880, -5.4470,
-49.9830

■ 164.1260, -0.5950,
-5.7390

■ 128.9610, -6.5460,
-57.6020

■ 169.3530, 0.5040,
1.8800

■ 124.0330, -7.0490,
-65.0090

■ 174.2810, 1.0070,
9.2870

■ 118.8060, -8.1480,
-72.6280

■ 179.2090, 1.5100,
16.6940

■ 117.7520, -8.0560,
-74.2960

■ 184.4360, 2.6090,
24.3130

■ 189.2500, 3.4330,
31.4090

■ 194.3630, 4.8530,
38.7170

Harmonies

Analogous

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



153.2270, 26.3210, -19.9750



149.1570, -3.0210, -27.8610



142.2420, -39.9290, -30.7850

Triad

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



149.1570, -3.0210, -27.8610



141.6580, -78.1260, -4.8300



159.2180, 50.0170, 24.1690

Complementary

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



149.1570, -3.0210, -27.8610



123.8430, 3.0210, 27.8610

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.



160.9680, 30.5300, 30.4180



149.1570, -3.0210, -27.8610



155.2660, -38.1950, 14.9010

Square

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



149.1570, -3.0210, -27.8610



124.4650, -112.0960, -27.9680



160.5760, -0.6010, 27.4230



157.7110, 55.3380, 10.3300

Rectangle

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



149.1570, -3.0210, -27.8610



135.3880, -69.6390, -31.9990



160.5760, -0.6010, 27.4230



159.9880, 44.9730, 27.4770

Sweetspot

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



149.1570, -3.0210, -27.8610



211.7790, -1.2360, -10.6440



146.7300, 26.8230, -7.0410



105.5990, -0.5490, -6.5730



237.0000, -0.0000, -0.0000



110.0000, 0.0000, 0.0000

Same Dimension

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



149.1570, -3.0210, -27.8610



189.5890, -4.8980, -43.4100



142.7790, -19.5720, -30.7720



81.5930, -0.4120, -3.5480



103.6200, -7.3240, -65.5320



14.1320, -0.7320, -8.7640

Inverse Universe

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



123.8430, 3.0210, 27.8610



150.4110, 4.8980, 43.4100



130.2210, 19.5720, 30.7720



78.4070, 0.4120, 3.5480



44.3800, 7.3240, 65.5320



6.1670, 1.3280, 8.9760

Previews

White Background



This preview shows how the YIQ color 149.1570, -3.0210, -27.8610 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 149.1570, -3.0210, -27.8610 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 149.1570, -3.0210, -27.8610

Background



This preview shows how black text looks on a background with the YIQ color 149.1570, -3.0210, -27.8610.



This preview shows how white text looks on a background with the YIQ color 149.1570, -3.0210,

-27.8610.

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

149.1570, -3.0210, -27.8610

Protanopia

153.8020, 26.3200, -14.4480

Deuteranopia

156.3890, 35.2130, -4.9070



Tritanopia

155.2030, -16.6890, -0.4090

Trichromacy



Original Color

149.1570, -3.0210, -27.8610

Protanomaly

151.8930, 15.6380, -19.0980

Deuteranomaly

154.1050, 21.0930, -13.3310

Tritanomaly

152.9180, -11.8730, -10.6010

Monochromacy



Original Color

149.1570, -3.0210, -27.8610

Achromatopsia

149.0000, 0.0000, -0.0000

Achromatomaly

149.1920, -0.9610, -10.1210

CSS Examples

Text

The CSS property to change the color of the text to YIQ 149.1570, -3.0210, -27.8610 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(129, 168, 105)` looks like.

```
.text, #text, p{  
    color:rgb(129, 168, 105)  
}
```

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(129, 168, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(129, 168, 105) }
```

Border

The CSS property to change the border of an element to YIQ 149.1570, -3.0210, -27.8610 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(129, 168, 105) }
```


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

```
.border{ border-color:rgb(129, 168, 105) }
```

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

Here you see how a box with a 4 pixel `rgb(129, 168, 105)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(129, 168, 105); -webkit-box-  
shadow:4px 4px 4px 4px rgb(129, 168, 105);  
box-shadow:4px 4px 4px 4px rgb(129, 168,  
105) }
```

Background

The CSS property to change the background color of an element to YIQ 149.1570, -3.0210, -27.8610 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(129, 168, 105) }
```

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

```
.background{ background-color: rgb(129,  
168, 105) }
```

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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