

Converting Colors

YIQ(129.9530, -10.9540,
-21.7540)

Have a look what the booklet for
YIQ(129.9530, -10.9540, -21.7540)
contains.

YIQ(129.9530, -10.9540, -21.7540)	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(129.9530, -10.9540,
-21.7540)**

Conversions

Conversions Part 1

Format	Color
Hex	6A9369
RGB	106, 147, 105
RGB Percent	42%, 58%, 41%
CMY	0.5844, 0.4234, 0.5882
CMYK	0.28, 0.00, 0.29, 0.42
HSL	119°, 17%, 49%
HSV	119°, 29%, 58%
XYZ	18.9262, 24.9549, 17.1831
YIQ	129.9530, -10.9540, -21.7540

Conversions

Conversions Part 2

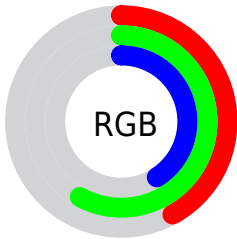
Format	Color
R_{YB}	105, 147, 146
Decimal	6984553
CIE _{Lab}	57.03, -22.82, 17.84
CIE _{LCh}	57, 28.961, 141.984
Y _{xy}	24.9549, 0.3099, 0.4087
Android (android.graphics.Color)	4285174633 (0xFF6A9369)
YUV	129.9530, -12.3018, -21.0068
Hunter-Lab	49.9548, -19.7935, 14.5742

Details

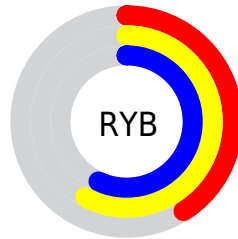
The YIQ color $129.9530, -10.9540, -21.7540$ is a dark color, and the websafe version is hex 669966 . A complement of this color would be $122.0470, 10.9540, 21.7540$, and the grayscale version is $130.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $183.0130, -11.1830, -23.1110$, and $79.8930, -10.7250, -20.3970$ is the 20% darker color. If you saturate the color by 10%, you get $124.0570, -14.4830, -29.3870$, and if you desaturate by 10%, it is $135.8490, -7.4250, -14.1210$.

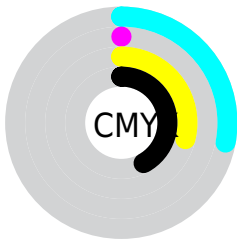
Distribution



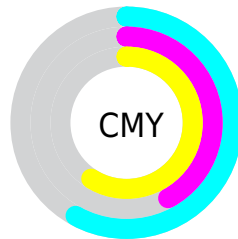
- Red (42%)
- Green (58%)
- Blue (41%)



- Red (41%)
- Yellow (58%)
- Blue (57%)



- Cyan (28%)
- Magenta (0%)
- Yellow (29%)
- Black (42%)



- Cyan (58%)
- Magenta (42%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 129.9530, -10.9540, -21.7540 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 129.9530, -10.9540, -21.7540 by changing the saturation by 10% instead.

■ 129.9530,
-10.9540, -21.7540

■ 129.9530,
-10.9540, -21.7540

■ 255.0000, -0.0000,
-0.0000

■ 104.4800,
-11.0000, -20.9200

■ 183.0130,
-11.1830, -23.1110

■ 79.8930, -10.7250,
-20.3970

■ 210.8990,
-10.8620, -23.4220

■ 56.1210, -11.3670,
-19.7750

■ 237.7250,
-10.3120, -22.3760

■ 33.0500, -12.6050,
-19.3650

■ 249.2890, -2.6120,
-7.7320

■ 17.6100, -8.2500,
-15.6900

■ 0.0000, 0.0000,
0.0000

■ 129.9530,
-10.9540, -21.7540

■ 129.9530,
-10.9540, -21.7540

■ 124.0570,
-14.4830, -29.3870

■ 135.8490, -7.4250,
-14.1210

■ 117.9760,
-18.9290, -36.9210

■ 141.9300, -2.9790,
-6.5870

■ 112.0800,
-22.4580, -44.5540

■ 147.8260, 0.5500,
1.0460

■ 106.1840,
-25.9870, -52.1870

■ 153.7220, 4.0790,
8.6790

■ 99.9890, -30.1120,
-60.0320

■ 159.9170, 8.2040,
16.5240

■ 94.2070, -33.9620,
-67.3540

■ 165.6990, 12.0540,
23.8460

■ 88.0120, -38.0870,
-75.1990


■ 171.8940, 16.1790,
31.6910

■ 87.1860, -38.6370,

■ 177.7900, 19.7080,

-76.2450

39.3240

 183.5720, 23.5580,
46.6460

Harmonies

Analogous

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



133.2780, 13.1160, -17.4440



129.9530, -10.9540, -21.7540



125.1810, -37.9590, -22.4310

Triad

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



129.9530, -10.9540, -21.7540



131.1800, -44.2450, 3.3950



139.3320, 40.5280, 14.4160

Complementary

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



129.9530, -10.9540, -21.7540



122.0470, 10.9540, 21.7540

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.



140.2140, 29.4770, 21.9650



129.9530, -10.9540, -21.7540



138.2160, -17.5630, 15.4370

Square

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



129.9530, -10.9540, -21.7540



122.7980, -64.1410, -10.4850



140.3780, 8.5240, 21.7400



137.4810, 41.1260, 3.5740

Rectangle

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



129.9530, -10.9540, -21.7540



122.0250, -55.0150, -21.6950



140.3780, 8.5240, 21.7400



139.7710, 37.9140, 17.7380

Sweetspot

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



129.9530, -10.9540, -21.7540



183.9790, -4.6750, -8.8910



141.6250, 13.7570, -12.5390



92.4570, -3.0250, -5.7530



224.0000, -0.0000, 0.0000



97.0000, -0.0000, 0.0000

Same Dimension

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



129.9530, -10.9540, -21.7540



164.7530, -16.6830, -33.5710



131.9340, -17.9700, -15.7460



71.1090, -1.9250, -3.6610



81.9030, -36.1620, -71.5380



5.8700, -2.7500, -5.2300

Inverse Universe

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



122.0470, 10.9540, 21.7540



152.5460, 17.2790, 33.7830



120.0660, 17.9700, 15.7460



69.8910, 1.9250, 3.6610



56.0970, 36.1620, 71.5380



4.1300, 2.7500, 5.2300

Previews

White Background



This preview shows how the YIQ color 129.9530, -10.9540, -21.7540 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 129.9530, -10.9540, -21.7540 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 129.9530, -10.9540, -21.7540 Background



This preview shows how black text looks on a background with the YIQ color 129.9530, -10.9540, -21.7540.



This preview shows how white text looks on a background with the YIQ color 129.9530, -10.9540, -21.7540.

-21.7540.

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

129.9530, -10.9540, -21.7540

Protanopia

134.8860, 17.5160, -9.0760

Deuteranopia

136.7500, 24.0710, -1.2170



Tritanopia

134.1810, -19.6230, -2.3030

Trichromacy



Original Color

129.9530, -10.9540, -21.7540

Protanomaly

132.9770, 6.8340, -13.7260

Deuteranomaly

134.4770, 11.4180, -8.6940

Tritanomaly

132.5200, -16.5040, -9.2720

Monochromacy



Original Color

129.9530, -10.9540, -21.7540

Achromatopsia

130.0000, -0.0000, -0.0000

Achromatomaly

129.8050, -4.1250, -7.8450

CSS Examples

Text

The CSS property to change the color of the text to YIQ 129.9530, -10.9540, -21.7540 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(106, 147, 105)` looks like.

```
.text, #text, p{  
    color:rgb(106, 147, 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(106, 147, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(106, 147, 105) }
```

Border

The CSS property to change the border of an element to YIQ 129.9530, -10.9540, -21.7540 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(106, 147, 105) }
```


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

```
.border{ border-color:rgb(106, 147, 105) }
```

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

Here you see how a box with a 4 pixel `rgb(106, 147, 105)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(106, 147, 105); -webkit-box-  
shadow:4px 4px 4px 4px rgb(106, 147, 105);  
box-shadow:4px 4px 4px 4px rgb(106, 147,  
105) }
```

Background

The CSS property to change the background color of an element to YIQ 129.9530, -10.9540, -21.7540 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(106, 147, 105) }
```

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

```
.background{ background-color: rgb(106,  
147, 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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