

Converting Colors

YIQ(121.9470, 6.3780, -27.4940)

Have a look what the booklet for
YIQ(121.9470, 6.3780, -27.4940)
contains.

YIQ(121.9470, 6.3780, -27.4940)	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(121.9470, 6.3780,
-27.4940)**

Conversions

Conversions Part 1

Format	Color
Hex	6F8A44
RGB	111, 138, 68
RGB Percent	44%, 54%, 27%
CMY	0.5648, 0.4588, 0.7332
CMYK	0.20, 0.00, 0.51, 0.46
HSL	83°, 34%, 40%
HSV	83°, 51%, 54%
XYZ	16.6862, 21.9755, 8.8343
YIQ	121.9470, 6.3780, -27.4940

Conversions

Conversions Part 2

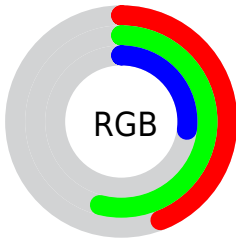
Format	Color
RYB	68, 138, 95
Decimal	7309892
CIELab	54.00, -21.76, 34.11
CIElCh	54, 40.458, 122.536
Yxy	21.9755, 0.3513, 0.4627
Android (android.graphics.Color)	4285499972 (0xFF6F8A44)
YUV	121.9470, -26.5959, -9.6005
Hunter-Lab	46.8780, -18.4997, 21.6412

Details

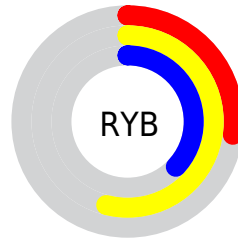
The YIQ color $121.9470, 6.3780, -27.4940$ is a dark color, and the websafe version is hex 669966 . A complement of this color would be $84.0530, -6.3780, 27.4940$, and the grayscale version is $122.0000, 0.0000, -0.0000$.

A 20% lighter version of the original color is $175.1920, 7.0660, -28.9500$, and $72.1750, 5.7360, -26.8720$ is the 20% darker color. If you saturate the color by 10%, you get $118.8560, 7.8920, -32.9080$, and if you desaturate by 10%, it is $125.0380, 4.8640, -22.0800$.

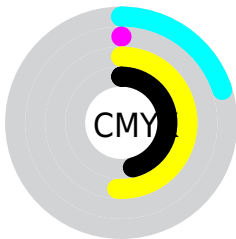
Distribution



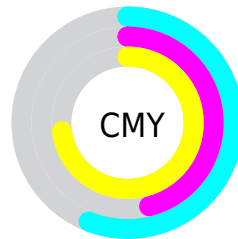
- Red (44%)
- Green (54%)
- Blue (27%)



- Red (27%)
- Yellow (54%)
- Blue (37%)



- Cyan (20%)
- Magenta (0%)
- Yellow (51%)
- Black (46%)



- Cyan (56%)
- Magenta (46%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 121.9470, 6.3780, -27.4940 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 121.9470, 6.3780, -27.4940 by changing the saturation by 10% instead.

121.9470, 6.3780,
-27.4940

121.9470, 6.3780,
-27.4940

255.0000, -0.0000,
-0.0000

96.4740, 6.3320,
-26.6600

175.1920, 7.0660,
-28.9500

72.1750, 5.7360,
-26.8720

202.3770, 7.9830,
-29.0490

48.6310, 4.4520,
-25.6280

230.8500, 8.0290,
-29.8830

28.5410, -3.8020,
-19.2100

246.7080, 14.7210,
-18.9990

13.5010, -6.3250,
-12.0290

251.8080, 8.9880,
-8.7080

0.0000, 0.0000,
0.0000

■ 121.9470, 6.3780,
-27.4940

■ 121.9470, 6.3780,
-27.4940

■ 118.8560, 7.8920,
-32.9080

■ 125.0380, 4.8640,
-22.0800

■ 115.4660, 8.8100,
-38.5340

■ 128.4280, 3.9460,
-16.4540

■ 112.4890, 10.0030,
-43.6370

■ 131.4050, 2.7530,
-11.3510

■ 109.3980, 11.5170,
-49.0510

■ 134.4960, 1.2390,
-5.9370

■ 106.4210, 12.7100,
-54.1540

■ 137.8860, 0.3210,
-0.3110

■ 140.9770, -1.1930,
5.1030

■ 144.0680, -2.7070,
10.5170

■ 147.3440, -3.3040,

15.8320

■ 150.4350, -4.8180,
21.2460

Harmonies

Analogous

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



125.5870, 34.1150, -18.0530



121.9470, 6.3780, -27.4940



114.9070, -31.6760, -31.6760

Triad

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



121.9470, 6.3780, -27.4940



104.4270, -99.7650, -14.6530



130.8850, 46.7610, 28.1130

Complementary

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



121.9470, 6.3780, -27.4940



84.0530, -6.3780, 27.4940

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.



133.0150, 23.1480, 32.0440



121.9470, 6.3780, -27.4940



121.9970, -56.6710, 8.3290

Square

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



121.9470, 6.3780, -27.4940



104.6260, -93.4360, -24.7320



131.9490, -12.0170, 25.0630



129.0580, 55.9790, 15.2350

Rectangle

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



121.9470, 6.3780, -27.4940



99.2680, -78.3490, -39.3490



131.9490, -12.0170, 25.0630



131.6440, 40.2500, 30.4740

Sweetspot

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



121.9470, 6.3780, -27.4940



172.6330, 2.1110, -10.7290



104.7790, 34.2950, 0.7190



85.3820, 1.5600, -6.2480



217.0000, -0.0000, 0.0000



89.0000, -0.0000, -0.0000

Same Dimension

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



121.9470, 6.3780, -27.4940



153.7170, 9.3610, -43.0150



111.4820, -14.4820, -34.9140



67.3050, 0.4590, -2.8130



102.2900, 11.7010, -52.3870



3.8320, 0.4130, -1.9790

Inverse Universe

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



84.0530, -6.3780, 27.4940



94.9840, -9.9570, 42.8030



94.5180, 14.4820, 34.9140



63.6950, -0.4590, 2.8130



30.4110, -12.2970, 52.1750



1.1680, -0.4130, 1.9790

Previews

White Background



This preview shows how the YIQ color 121.9470, 6.3780, -27.4940 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 121.9470, 6.3780, -27.4940 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

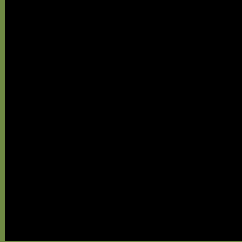
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 121.9470, 6.3780, -27.4940

Background



This preview shows how black text looks on a background with the YIQ color 121.9470, 6.3780, -27.4940.



This preview shows how white text looks on a background with the YIQ color 121.9470, 6.3780,

-27.4940.

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

121.9470, 6.3780, -27.4940

Protanopia

125.5910, 28.2920, -17.1480

Deuteranopia

127.3520, 36.6350, -8.6530



Tritanopia

128.4490, -8.5740, 1.2020

Trichromacy



Original Color

121.9470, 6.3780, -27.4940

Protanomaly

124.1770, 20.5900, -20.7380

Deuteranomaly

125.0900, 25.4490, -15.1830

Tritanomaly

126.0500, -3.4370, -9.3010

Monochromacy



Original Color

121.9470, 6.3780, -27.4940

Achromatopsia

122.0000, 0.0000, -0.0000

Achromatomaly

122.0460, 2.3860, -10.2060

CSS Examples

Text

The CSS property to change the color of the text to YIQ 121.9470, 6.3780, -27.4940 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(111, 138, 68)` looks like.

```
.text, #text, p{  
    color:rgb(111, 138, 68)  
}
```

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(111, 138, 68) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(111, 138, 68) }
```

Border

The CSS property to change the border of an element to YIQ 121.9470, 6.3780, -27.4940 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(111, 138, 68) }
```


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

```
.border{ border-color:rgb(111, 138, 68) }
```

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

Here you see how a box with a 4 pixel `rgb(111, 138, 68)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(111, 138, 68); -webkit-box-  
shadow:4px 4px 4px 4px rgb(111, 138, 68);  
box-shadow:4px 4px 4px 4px rgb(111, 138,  
68) }
```

Background

The CSS property to change the background color of an element to YIQ 121.9470, 6.3780, -27.4940 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(111, 138, 68) }
```

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

```
.background{ background-color: rgb(111,  
138, 68) }
```

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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