

Converting Colors

YIQ(129.4690, -19.3530,
25.8550)

Have a look what the booklet for
YIQ(129.4690, -19.3530, 25.8550)
contains.

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Color

**YIQ(129.4690, -19.3530,
25.8550)**

Conversions

Conversions Part 1

Format	Color
Hex	7F76C3
RGB	127, 118, 195
RGB Percent	50%, 46%, 76%
CMY	0.5019, 0.5373, 0.2354
CMYK	0.35, 0.39, 0.00, 0.24
HSL	247°, 39%, 61%
HSV	247°, 39%, 76%
XYZ	25.0794, 21.4080, 54.4195
YIQ	129.4690, -19.3530, 25.8550

Conversions

Conversions Part 2

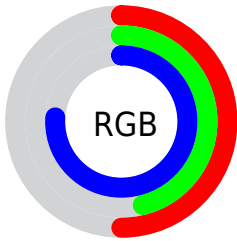
Format	Color
R_{YB}	127, 118, 195
Decimal	8353475
CIE _{Lab}	53.39, 21.59, -39.08
CIE _{LCh}	53, 44.643, 298.921
Yxy	21.4080, 0.2485, 0.2122
Android (android.graphics.Color)	4286543555 (0xFF7F76C3)
YUV	129.4690, 32.3068, -2.1653
Hunter-Lab	46.2687, 15.7836, -37.3464

Details

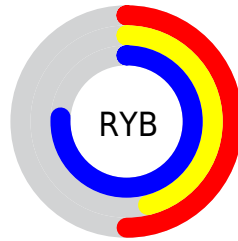
The YIQ color $129.4690, -19.3530, 25.8550$ is a dark color, and the websafe version is hex $6666CC$. A complement of this color would be $183.5310, 19.3530, -25.8550$, and the grayscale version is $129.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $182.9360, -19.1700, 28.0460$, and $79.2900, -20.4070, 22.9290$ is the 20% darker color. If you saturate the color by 10%, you get $113.2330, -24.2600, 32.1880$, and if you desaturate by 10%, it is $145.7050, -14.4460, 19.5220$.

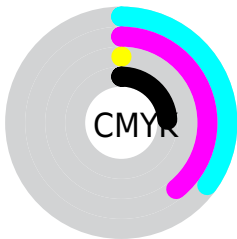
Distribution



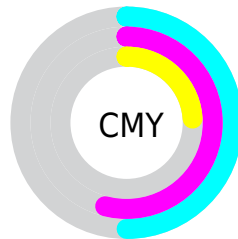
- Red (50%)
- Green (46%)
- Blue (76%)



- Red (50%)
- Yellow (46%)
- Blue (76%)



- Cyan (35%)
- Magenta (39%)
- Yellow (0%)
- Black (24%)



- Cyan (50%)
- Magenta (54%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 129.4690, -19.3530, 25.8550 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 129.4690, -19.3530, 25.8550 by changing the saturation by 10% instead.

■ 129.4690,
-19.3530, 25.8550

■ 129.4690,
-19.3530, 25.8550

■ 255.0000, -0.0000,
-0.0000

■ 103.6430,
-19.9030, 24.8090

■ 182.9360,
-19.1700, 28.0460

■ 79.2900, -20.4070,
22.9290

■ 207.4990,
-10.8700, 20.7940

■ 55.0510, -21.2320,
21.3600

■ 232.6060, -1.2860,
12.2980

■ 30.9040, -25.3120,
18.2080

■ 254.4130, 0.2750,
0.5230

■ 8.6980, -21.7360,
19.4800

■ 6.6630, -14.6280,
11.8040

■ 2.9810, -7.0160,

6.0080

■ 0.0000, 0.0000,
0.0000

■ 129.4690,
-19.3530, 25.8550

■ 129.4690,
-19.3530, 25.8550

■ 113.2330,
-24.2600, 32.1880

■ 145.7050,
-14.4460, 19.5220

■ 96.4100, -28.8920,
39.0440

■ 162.5280, -9.8140,
12.6660

■ 79.8750, -34.3950,
45.1650

■ 179.0630, -4.3110,
6.5450

■ 63.0520, -39.0270,
52.0210

■ 195.8860, 0.3210,
-0.3110

■ 46.8160, -43.9340,
58.3540

■ 212.1220, 5.2280,
-6.6440

■ 29.9930, -48.5660,
65.2100

■ 228.9450, 9.8600,
-13.5000

■ 29.1070, -48.8870,
65.5210

■ 245.1810, 14.7670,
-19.8330

■ 248.1600, 19.2600,
-18.6600

Harmonies

Analogous

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



113.5970, -76.1560, 3.5240



129.4690, -19.3530, 25.8550



131.3400, 20.8550, 35.0550

Triad

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



129.4690, -19.3530, 25.8550



126.0450, 56.8530, -0.6110



100.5390, -80.5500, -38.0060

Complementary

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



129.4690, -19.3530, 25.8550



183.5310, 19.3530, -25.8550

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.



111.9840, -30.5750, -35.1110



129.4690, -19.3530, 25.8550



123.8820, 40.5340, -18.7460

Square

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



129.4690, -19.3530, 25.8550



127.0310, 60.6090, 19.4330



119.8180, 11.0550, -29.6570



104.3980, -92.7940, -25.3540

Rectangle

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



129.4690, -19.3530, 25.8550



129.7630, 41.5330, 34.7570



119.8180, 11.0550, -29.6570



98.3560, -75.7810, -41.8370

Sweetspot

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



129.4690, -19.3530, 25.8550



226.6160, -7.2460, 10.1780



166.6940, -43.4170, -11.6170



112.6500, -4.5860, 6.0220



0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000

Same Dimension

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



129.4690, -19.3530, 25.8550



151.6380, -29.5340, 39.6660



140.8310, 3.2950, 33.9110



88.4390, -2.6140, 3.3220



24.0350, -40.3570, 54.0990



4.9580, -8.2090, 11.1110

Inverse Universe

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



148.7750, 24.0640, 37.4720



181.2520, 36.6230, 57.6710



172.1690, -3.2950, -33.9110



91.0160, 3.0710, 4.9190



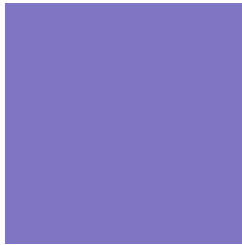
64.3270, 50.3740, 78.2940



13.1730, 10.3590, 16.0150

Previews

White Background



This preview shows how the YIQ color 129.4690, -19.3530, 25.8550 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 129.4690, -19.3530, 25.8550 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

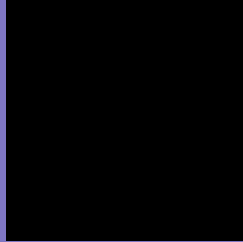
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 129.4690, -19.3530, 25.8550

Background



This preview shows how black text looks on a background with the YIQ color 129.4690, -19.3530, 25.8550.



This preview shows how white text looks on a background with the YIQ color 129.4690, -19.3530,

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

129.4690, -19.3530, 25.8550

Protanopia

125.8900, -39.8920, 18.1240

Deuteranopia

125.2550, -39.6620, 13.9540



Tritanopia

126.6550, -12.1500, -0.0700

Trichromacy



Original Color

129.4690, -19.3530, 25.8550

Protanomaly

126.8910, -32.4650, 21.1910

Deuteranomaly

126.8970, -32.6020, 18.1660

Tritanomaly

127.7830, -15.0860, 9.0900

Monochromacy



Original Color

129.4690, -19.3530, 25.8550

Achromatopsia

129.0000, 0.0000, 0.0000

Achromatomaly

129.0890, -7.2000, 9.3440

CSS Examples

Text

The CSS property to change the color of the text to YIQ 129.4690, -19.3530, 25.8550 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(127, 118, 195)` looks like.

```
.text, #text, p{  
    color:rgb(127, 118, 195)  
}
```

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(127, 118, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 118, 195) }
```

Border

The CSS property to change the border of an element to YIQ 129.4690, -19.3530, 25.8550 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(127, 118, 195) }
```


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

```
.border{ border-color:rgb(127, 118, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(127, 118, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 118, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 118, 195);  
box-shadow:4px 4px 4px 4px rgb(127, 118,  
195) }
```

Background

The CSS property to change the background color of an element to YIQ 129.4690, -19.3530, 25.8550 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 118, 195) }
```

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

```
.background{ background-color: rgb(127,  
118, 195) }
```

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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