

Converting Colors

YIQ(124.4230, -14.8530,
-11.6610)

Have a look what the booklet for
YIQ(124.4230, -14.8530, -11.6610)
contains.

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Color

**YIQ(124.4230, -14.8530,
-11.6610)**

Conversions

Conversions Part 1

Format	Color
Hex	678879
RGB	103, 136, 121
RGB Percent	40%, 53%, 47%
CMY	0.5962, 0.4666, 0.5255
CMYK	0.24, 0.00, 0.11, 0.47
HSL	153°, 14%, 47%
HSV	153°, 24%, 53%
XYZ	17.8475, 21.8746, 21.3668
YIQ	124.4230, -14.8530, -11.6610

Conversions

Conversions Part 2

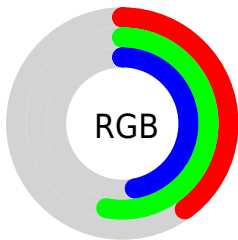
Format	Color
RYB	103, 124, 136
Decimal	6785145
CIELab	53.89, -14.95, 4.28
CIELCh	54, 15.549, 164.008
Yxy	21.8746, 0.2922, 0.3581
Android (android.graphics.Color)	4284975225 (0xFF678879)
YUV	124.4230, -1.6875, -18.7880
Hunter-Lab	46.7703, -13.7327, 5.6528

Details

The YIQ color **124.4230, -14.8530, -11.6610** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **114.5770, 14.8530, 11.6610**, and the grayscale version is **124.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **177.0100, -15.1280, -12.1840**, and **75.2490, -14.3030, -10.6150** is the 20% darker color. If you saturate the color by 10%, you get **119.5530, -21.2710, -16.4950**, and if you desaturate by 10%, it is **129.2930, -8.4350, -6.8270**.

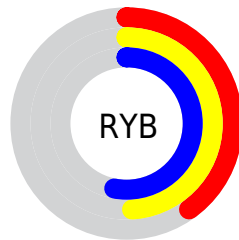
Distribution



Red (40%)

Green (53%)

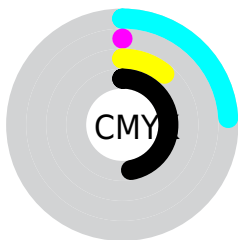
Blue (47%)



Red (40%)

Yellow (49%)

Blue (53%)

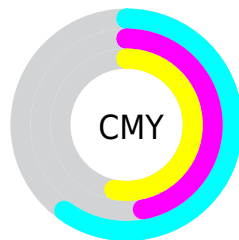


Cyan (24%)

Magenta (0%)

Yellow (11%)

Black (47%)



Cyan (60%)

Magenta (47%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 124.4230, -14.8530, -11.6610 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 124.4230, -14.8530, -11.6610 by changing the saturation by 10% instead.

■ 124.4230,
-14.8530, -11.6610

■ 124.4230,
-14.8530, -11.6610

■ 255.0000, -0.0000,
-0.0000

■ 99.4230, -14.8530,
-11.6610

■ 177.0100,
-15.1280, -12.1840

■ 75.2490, -14.3030,
-10.6150

■ 204.7110,
-15.7240, -12.3960

■ 52.2490, -14.3030,
-10.6150

■ 232.9990,
-16.5950, -13.1310

■ 30.3630, -14.6240,
-10.3040

■ 249.9170,
-10.1320, -3.6040

■ 12.6690, -6.7380,
-10.0500

■ 0.0000, 0.0000,
0.0000

■ 124.4230,
-14.8530, -11.6610

■ 124.4230,
-14.8530, -11.6610

■ 119.5530,
-21.2710, -16.4950

■ 129.2930, -8.4350,
-6.8270

■ 114.9820,
-27.0930, -21.1170

■ 133.8640, -2.6130,
-2.2050

■ 109.9980,
-33.1900, -26.2620

■ 138.8480, 3.4840,
2.9400

■ 105.4270,
-39.0120, -30.8840

■ 143.4190, 9.3060,
7.5620

■ 100.5570,
-45.4300, -35.7180

■ 148.2890, 15.7240,
12.3960

■ 95.6870, -51.8480,
-40.5520

■ 153.1590, 22.1420,
17.2300

■ 91.1160, -57.6700,
-45.1740

■ 157.7300, 27.9640,
21.8520

■ 88.2680, -61.1540,

■ 162.6000, 34.3820,

-48.1140

26.6860

■ 167.2850, 39.8830,
31.6190

Harmonies

Analogous

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



126.0670, -2.1070, -11.3790



124.4230, -14.8530, -11.6610



123.9150, -24.9860, -9.7380

Triad

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



124.4230, -14.8530, -11.6610



129.2840, -12.2430, 7.1250



130.6130, 23.1990, 3.5750

Complementary

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



124.4230, -14.8530, -11.6610



114.5770, 14.8530, 11.6610

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.



130.8180, 21.3640, 9.3000



124.4230, -14.8530, -11.6610



130.6340, 1.5110, 11.1670

Square

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



124.4230, -14.8530, -11.6610



126.4350, -23.1540, 1.1180



131.2070, 13.0190, 11.8590



128.7710, 19.5780, -2.3900

Rectangle

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



124.4230, -14.8530, -11.6610



123.9410, -27.8750, -6.9390



131.2070, 13.0190, 11.8590



130.6670, 23.1070, 5.2430

Sweetspot

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



124.4230, -14.8530, -11.6610



171.7280, -5.2260, -4.4100



126.8560, -0.1350, -14.0790



86.5650, -3.2090, -2.4170



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.



124.4230, -14.8530, -11.6610



158.1290, -23.0130, -17.9650



125.5460, -19.3930, -6.4730



66.5650, -3.2090, -2.4170



86.2790, -59.6870, -47.1670



3.2770, -2.3380, -1.6820

Inverse Universe

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



114.5770, 14.8530, 11.6610



142.8710, 23.0130, 17.9650



113.4540, 19.3930, 6.4730



64.4350, 3.2090, 2.4170



46.6070, 60.0080, 46.8560



1.7230, 2.3380, 1.6820

Previews

White Background



This preview shows how the YIQ color 124.4230, -14.8530, -11.6610 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 124.4230, -14.8530, -11.6610 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

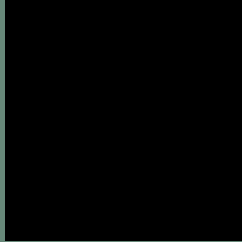
Any Text WCAG AA ✓ Pass

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 124.4230, -14.8530, -11.6610 Background



This preview shows how black text looks on a background with the YIQ color 124.4230, -14.8530, -11.6610.



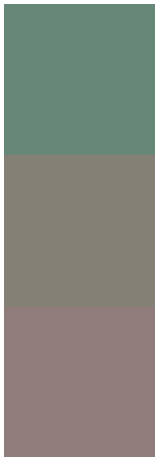
This preview shows how white text looks on a background with the YIQ color 124.4230, -14.8530, -11.6610.

-11.6610.

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

124.4230, -14.8530, -11.6610

Protanopia

128.2410, 6.5110, -2.3610

Deuteranopia

129.5670, 11.6450, 3.7170



Tritanopia

126.3660, -18.7060, -2.4020

Trichromacy



Original Color

124.4230, -14.8530, -11.6610

Protanomaly

126.8270, -1.1910, -5.9510

Deuteranomaly

127.3160, 1.9260, -1.8660

Tritanomaly

125.7420, -17.0090, -5.6250

Monochromacy



Original Color

124.4230, -14.8530, -11.6610

Achromatopsia

124.0000, -0.0000, -0.0000

Achromatomaly

123.8420, -5.5470, -4.0990

CSS Examples

Text

The CSS property to change the color of the text to YIQ 124.4230, -14.8530, -11.6610 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(103, 136, 121)` looks like.

```
.text, #text, p{  
    color:rgb(103, 136, 121)  
}
```

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(103, 136, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(103, 136, 121) }
```

Border

The CSS property to change the border of an element to YIQ 124.4230, -14.8530, -11.6610 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(103, 136, 121) }
```


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

```
.border{ border-color:rgb(103, 136, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(103, 136, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(103, 136, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(103, 136, 121);  
box-shadow:4px 4px 4px 4px rgb(103, 136,  
121) }
```

Background

The CSS property to change the background color of an element to YIQ 124.4230, -14.8530, -11.6610 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(103, 136, 121) }
```

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

```
.background{ background-color: rgb(103,  
136, 121) }
```

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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