

# Converting Colors

YIQ(93.6920, -5.5450, -15.1530)

Have a look what the booklet for  
YIQ(93.6920, -5.5450, -15.1530)  
contains.

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# Color

**YIQ(93.6920, -5.5450,  
-15.1530)**

# Conversions

## Conversions Part 1

Format	Color
Hex	4F694A
RGB	79, 105, 74
RGB Percent	31%, 41%, 29%
CMY	0.6903, 0.5882, 0.7098
CMYK	0.25, 0.00, 0.30, 0.59
HSL	110°, 17%, 35%
HSV	110°, 30%, 41%
XYZ	9.5115, 12.2612, 8.3440
YIQ	93.6920, -5.5450, -15.1530

# Conversions

## Conversions Part 2

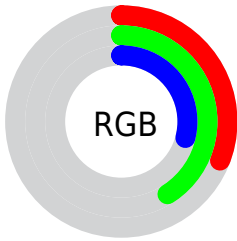
<b>Format</b>	<b>Color</b>
<b>RYB</b>	74, 105, 100
Decimal	5204298
CIELab	41.63, -16.26, 14.41
CIELCh	42, 21.727, 138.461
Yxy	12.2612, 0.3158, 0.4071
Android (android.graphics.Color)	4283394378 (0xFF4F694A)
YUV	93.6920, -9.7082, -12.8849
Hunter-Lab	35.0159, -12.7915, 10.3829

# Details

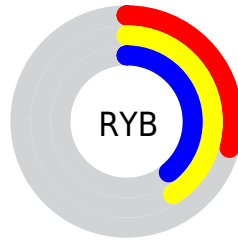
The YIQ color **93.6920, -5.5450, -15.1530** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **85.3080, 5.5450, 15.1530**, and the grayscale version is **94.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **144.1650, -5.4990, -15.9870**, and **47.3330, -5.9120, -14.0080** is the 20% darker color. If you saturate the color by 10%, you get **89.8610, -7.6990, -20.1710**, and if you desaturate by 10%, it is **97.6370, -3.7120, -9.8240**.

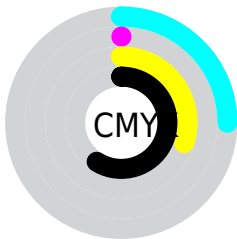
# Distribution



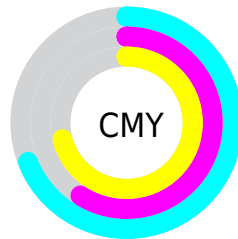
- Red (31%)
- Green (41%)
- Blue (29%)



- Red (29%)
- Yellow (41%)
- Blue (39%)



- Cyan (25%)
- Magenta (0%)
- Yellow (30%)
- Black (59%)



- Cyan (69%)
- Magenta (59%)
- Yellow (71%)

# Brightness & Saturation Gradients

These gradients show how the YIQ color 93.6920, -5.5450, -15.1530 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 93.6920, -5.5450, -15.1530 by changing the saturation by 10% instead.



■ 93.6920, -5.5450,  
-15.1530

■ 93.6920, -5.5450,  
-15.1530

■ 255.0000, -0.0000,  
-0.0000

■ 70.1050, -5.2700,  
-14.6300

■ 144.1650, -5.4990,  
-15.9870

■ 47.3330, -5.9120,  
-14.0080

■ 170.7520, -5.7740,  
-16.5100

■ 25.7030, -4.0780,  
-14.2060

■ 198.2250, -5.7280,  
-17.3440

■ 6.4570, -3.0250,  
-5.7530

■ 226.2250, -5.7280,  
-17.3440

■ 0.0000, 0.0000,  
0.0000

■ 247.1810, -2.4280,  
-11.0680

■ 93.6920, -5.5450,  
-15.1530

■ 93.6920, -5.5450,  
-15.1530

■ 89.8610, -7.6990,  
-20.1710

■ 97.6370, -3.7120,  
-9.8240

■ 85.9160, -9.5320,  
-25.5000

■ 101.4680, -1.5580,  
-4.8060

■ 82.2700, -10.7690,  
-30.6170

■ 105.1140, -0.3210,  
0.3110

■ 78.4390, -12.9230,  
-35.6350

■ 108.9450, 1.8330,  
5.3290

■ 74.4940, -14.7560,  
-40.9640

■ 112.8900, 3.6660,  
10.6580

■ 70.6630, -16.9100,  
-45.9820

■ 116.7210, 5.8200,  
15.6760

■ 66.7180, -18.7430,  
-51.3110

■ 120.6660, 7.6530,  
21.0050

■ 124.4970, 9.8070,

26.0230

■ 128.1430, 11.0440,  
31.1400

# Harmonies

## Analogous

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



96.1840, 10.6850, -11.9310



93.6920, -5.5450, -15.1530



90.9980, -24.0220, -16.1980

# Triad

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



93.6920, -5.5450, -15.1530



94.1720, -32.5990, 1.5850



99.9930, 28.2410, 11.3210

# Complementary

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



93.6920, -5.5450, -15.1530



85.3080, 5.5450, 15.1530

# 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.



100.5500, 19.4830, 15.8590



93.6920, -5.5450, -15.1530



98.6090, -14.5360, 10.1360

# Square

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



93.6920, -5.5450, -15.1530



88.6170, -44.5180, -8.1820



100.8240, 4.0320, 15.0400



99.0220, 29.2970, 3.1930



# Rectangle

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



93.6920, -5.5450, -15.1530



88.5930, -35.9430, -14.9110



100.8240, 4.0320, 15.0400



100.3780, 25.7190, 12.9750

# Sweetspot

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



93.6920, -5.5450, -15.1530



133.2290, -2.3830, -6.3750



98.5310, 11.3260, -7.0260



65.9950, -1.6040, -3.9720



196.0000, -0.0000, -0.0000



69.0000, -0.0000, -0.0000



# Same Dimension

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



93.6920, -5.5450, -15.1530



120.2690, -9.0280, -23.6200



93.3370, -11.7350, -13.1030



51.8210, -1.0540, -2.9260



74.3600, -20.8510, -57.1630



155.4760, -44.1310, -119.8670



# Inverse Universe

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



85.3080, 5.5450, 15.1530



107.4320, 8.4320, 23.4080



85.6630, 11.7350, 13.1030



50.1790, 1.0540, 2.9260



42.6400, 20.8510, 57.1630



89.5240, 44.1310, 119.8670



# Previews

## White Background



This preview shows how the YIQ color 93.6920, -5.5450, -15.1530 looks on a white 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



# Black Background



This preview shows how the YIQ color 93.6920, -5.5450, -15.1530 looks on a black 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

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

**YIQ 93.6920, -5.5450, -15.1530**

## **Background**



This preview shows how black text looks on a background with the YIQ color 93.6920, -5.5450, -15.1530.



This preview shows how white text looks on a background with the YIQ color 93.6920, -5.5450,

-15.1530.

# 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

93.6920, -5.5450, -15.1530

### Protanopia

97.0150, 12.8390, -6.9130

### Deuteranopia

98.2270, 18.2940, -1.1460



## Tritanopia

97.1280, -12.1040, -0.9040

# Trichromacy



## Original Color

93.6920, -5.5450, -15.1530

## Protanomaly

96.1990, 6.3290, -10.0790

## Deuteranomaly

96.5740, 9.7670, -6.3050

## Tritanomaly

95.6350, -9.3980, -5.8940

# Monochromacy



## Original Color

93.6920, -5.5450, -15.1530

## Achromatopsia

94.0000, 0.0000, 0.0000

## Achromatomaly

94.0550, -1.8330, -5.3290

# CSS Examples

## Text

The CSS property to change the color of the text to YIQ 93.6920, -5.5450, -15.1530 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(79, 105, 74)` looks like.

```
.text, #text, p{  
    color:rgb(79, 105, 74)  
}
```

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(79, 105, 74) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(79, 105, 74) }
```

## Border

The CSS property to change the border of an element to YIQ 93.6920, -5.5450, -15.1530 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(79, 105, 74) }
```



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

```
.border{ border-color:rgb(79, 105, 74) }
```

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

Here you see how a box with a 4 pixel `rgb(79, 105, 74)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(79, 105, 74); -webkit-box-  
shadow:4px 4px 4px 4px rgb(79, 105, 74);  
box-shadow:4px 4px 4px 4px rgb(79, 105,  
74) }
```

# Background

The CSS property to change the background color of an element to YIQ 93.6920, -5.5450, -15.1530 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(79, 105, 74) }
```

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

```
.background{ background-color: rgb(79, 105,  
74) }
```

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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