

# Converting Colors

YIQ(94.2010, -6.3210, -34.1370)

Have a look what the booklet for  
YIQ(94.2010, -6.3210, -34.1370)  
contains.

<b>YIQ(94.2010, -6.3210, -34.1370)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	24
<b><i>Color Blindness Simulation</i></b> .....	28
<b><i>CSS Examples</i></b> .....	31

# Color

**YIQ(94.2010, -6.3210,  
-34.1370)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	43762B
RGB	67, 118, 43
RGB Percent	26%, 46%, 17%
CMY	0.7374, 0.5372, 0.8313
CMYK	0.43, 0.00, 0.64, 0.54
HSL	101°, 47%, 32%
HSV	101°, 64%, 46%
XYZ	9.2289, 14.3281, 4.5655
YIQ	94.2010, -6.3210, -34.1370

# Conversions

## Conversions Part 2

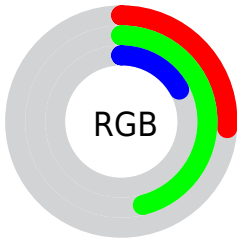
<b>Format</b>	<b>Color</b>
<b>RYB</b>	43, 118, 94
Decimal	4421163
CIELab	44.70, -31.82, 35.17
CIElCh	45, 47.433, 132.139
Yxy	14.3281, 0.3282, 0.5095
Android (android.graphics.Color)	4282611243 (0xFF43762B)
YUV	94.2010, -25.2421, -23.8553
Hunter-Lab	37.8525, -22.7213, 19.3456

# Details

The YIQ color **94.2010, -6.3210, -34.1370** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **66.7990, 6.3210, 34.1370**, and the grayscale version is **94.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **146.4460, -5.6330, -35.5930**, and **44.3900, -11.2270, -33.3310** is the 20% darker color. If you saturate the color by 10%, you get **90.4410, -7.2370, -39.5650**, and if you desaturate by 10%, it is **97.9610, -5.4050, -28.7090**.

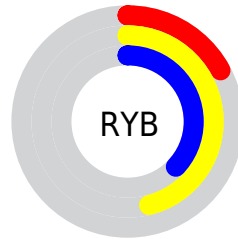
# Distribution



Red (26%)

Green (46%)

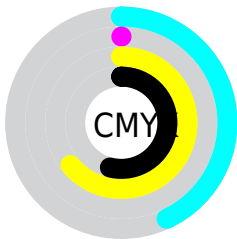
Blue (17%)



Red (17%)

Yellow (46%)

Blue (37%)

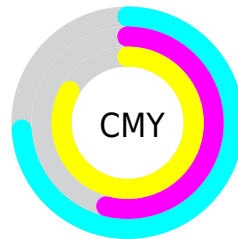


Cyan (43%)

Magenta (0%)

Yellow (64%)

Black (54%)



Cyan (74%)

Magenta (54%)

Yellow (83%)

# Brightness & Saturation Gradients

These gradients show how the YIQ color 94.2010, -6.3210, -34.1370 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 94.2010, -6.3210, -34.1370 by changing the saturation by 10% instead.



■ 94.2010, -6.3210,  
-34.1370

■ 94.2010, -6.3210,  
-34.1370

■ 255.0000, -0.0000,  
-0.0000

■ 68.9020, -6.9170,  
-34.3490

■ 146.4460, -5.6330,  
-35.5930

■ 44.3900, -11.2270,  
-33.3310

■ 173.2180, -4.9910,  
-36.2150

■ 27.0020, -12.6500,  
-24.0580

■ 200.6910, -4.9450,  
-37.0490

■ 14.6750, -6.8750,  
-13.0750

■ 229.1640, -4.8990,  
-37.8830

■ 0.0000, 0.0000,  
0.0000

■ 241.0270, 3.3970,  
-23.0270

■ 251.6940, 9.3090,

-9.0190

■ 94.2010, -6.3210,  
-34.1370

■ 94.2010, -6.3210,  
-34.1370

■ 90.4410, -7.2370,  
-39.5650

■ 97.9610, -5.4050,  
-28.7090

■ 86.6810, -8.1530,  
-44.9930

■ 101.7210, -4.4890,  
-23.2810

■ 83.0350, -9.3900,  
-50.1100

■ 105.3670, -3.2520,  
-18.1640

■ 80.6280, -9.8020,  
-53.6580

■ 109.1270, -2.3360,  
-12.7360

■ 112.8870, -1.4200,  
-7.3080

■ 116.6470, -0.5040,  
-1.8800

■ 120.4070, 0.4120,  
3.5480

■ 124.0530, 1.6490,  
8.6650

■ 127.8130, 2.5650,  
14.0930

# Harmonies

## Analogous

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



99.2240, 30.4030, -27.8770



94.2010, -6.3210, -34.1370



81.3210, -59.5050, -39.4490

# Triad

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



94.2010, -6.3210, -34.1370



89.3130, -90.2760, -4.9000



103.2130, 57.5810, 30.2610

# Complementary

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



94.2010, -6.3210, -34.1370



66.7990, 6.3210, 34.1370

# 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.



106.5330, 36.4890, 38.0650



94.2010, -6.3210, -34.1370



99.2410, -54.2420, 13.8700

# Square

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



94.2010, -6.3210, -34.1370



90.2130, -84.5430, -15.1910



108.7380, -0.8770, 32.4270



103.0600, 61.6650, 11.3050



# Rectangle

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



94.2010, -6.3210, -34.1370



84.9860, -68.4470, -31.5750



108.7380, -0.8770, 32.4270



104.5100, 52.4910, 34.4030

# Sweetspot

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



94.2010, -6.3210, -34.1370



143.7140, -2.6110, -13.2590



94.7750, 30.9500, -10.2500



71.3600, -1.3740, -8.1420



204.0000, -0.0000, -0.0000



77.0000, -0.0000, -0.0000



# Same Dimension

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



94.2010, -6.3210, -34.1370



116.1550, -9.8480, -52.8240



88.5070, -24.7980, -35.1820



57.1200, -0.4580, -2.7140



83.2750, -10.3060, -55.5380



170.6700, -21.0700, -113.7900



# Inverse Universe

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



66.7990, 6.3210, 34.1370



73.8450, 9.8480, 52.8240



72.6070, 24.4770, 35.4930



54.8800, 0.4580, 2.7140



38.7250, 10.3060, 55.5380



79.3300, 21.0700, 113.7900



# Previews

## White Background



This preview shows how the YIQ color 94.2010, -6.3210, -34.1370 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

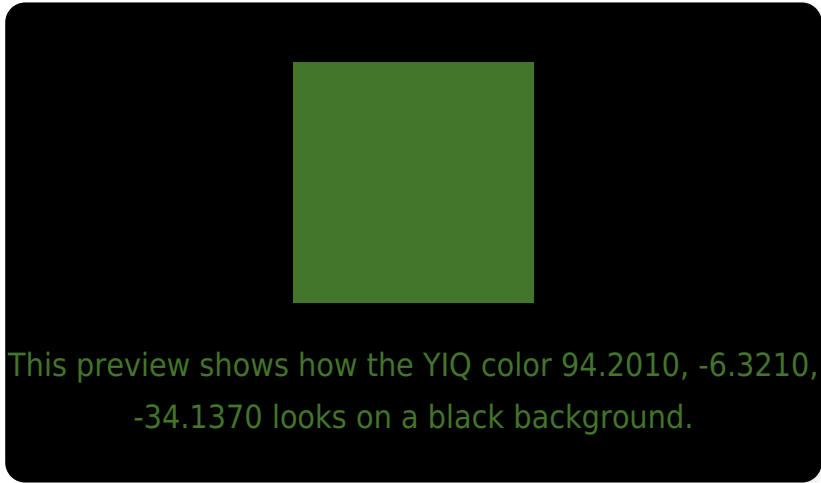
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail



# Black Background



## 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 94.2010, -6.3210, -34.1370**

## **Background**



This preview shows how black text looks on a background with the YIQ color 94.2010, -6.3210, -34.1370.



This preview shows how white text looks on a background with the YIQ color 94.2010, -6.3210, -34.1370.

-34.1370.

# 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

94.2010, -6.3210, -34.1370

### Protanopia

101.3630, 28.9340, -17.7700

### Deuteranopia

103.1560, 34.2510, -9.5010



## Tritanopia

102.0560, -20.7690, -3.5610

# Trichromacy



## Original Color

94.2010, -6.3210, -34.1370

## Protanomaly

98.7310, 15.9140, -24.1020

## Deuteranomaly

100.1600, 19.2600, -18.6600

## Tritanomaly

99.1300, -15.5860, -14.8980

# Monochromacy



## Original Color

94.2010, -6.3210, -34.1370

## Achromatopsia

94.0000, 0.0000, 0.0000

## Achromatomaly

94.1270, -2.3360, -12.7360

# CSS Examples

## Text

The CSS property to change the color of the text to YIQ 94.2010, -6.3210, -34.1370 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(67, 118, 43)` looks like.

```
.text, #text, p{  
    color:rgb(67, 118, 43)  
}
```

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(67, 118, 43) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(67, 118, 43) }
```

## Border

The CSS property to change the border of an element to YIQ 94.2010, -6.3210, -34.1370 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(67, 118, 43) }
```



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

```
.border{ border-color:rgb(67, 118, 43) }
```

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

Here you see how a box with a 4 pixel `rgb(67, 118, 43)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(67, 118, 43); -webkit-box-  
shadow:4px 4px 4px 4px rgb(67, 118, 43);  
box-shadow:4px 4px 4px 4px rgb(67, 118,  
43) }
```

# Background

The CSS property to change the background color of an element to YIQ 94.2010, -6.3210, -34.1370 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(67, 118, 43) }
```

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

```
.background{ background-color: rgb(67, 118,  
43) }
```

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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