

# Converting Colors

YIQ(151.1470, 29.3020,  
-24.4420)

Have a look what the booklet for  
YIQ(151.1470, 29.3020, -24.4420)  
contains.

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# Color

**YIQ(151.1470, 29.3020,  
-24.4420)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A49F4D
RGB	164, 159, 77
RGB Percent	64%, 62%, 30%
CMY	0.3569, 0.3765, 0.6979
CMYK	0.00, 0.03, 0.53, 0.36
HSL	57°, 36%, 47%
HSV	57°, 53%, 64%
XYZ	29.0467, 33.2234, 11.9115
YIQ	151.1470, 29.3020, -24.4420

# Conversions

## Conversions Part 2

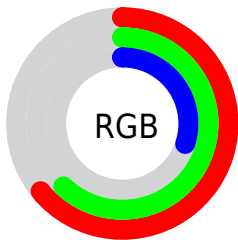
Format	Color
<a href="#">RYB</a>	<a href="#">82, 164, 77</a>
Decimal	<a href="#">10788685</a>
CIELab	<a href="#">64.34, -9.51, 42.87</a>
CIELCh	<a href="#">64, 43.909, 102.510</a>
Yxy	<a href="#">33.2234, 0.3916, 0.4479</a>
Android (android.graphics.Color)	<a href="#">4288978765 (0xFFA49F4D)</a>
YUV	<a href="#">151.1470, -36.5545, 11.2721</a>
Hunter-Lab	<a href="#">57.6397, -10.9171, 28.0953</a>

# Details

The YIQ color **151.1470, 29.3020, -24.4420** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **89.8530, -29.3020, 24.4420**, and the grayscale version is **151.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **206.2890, 31.7780, -25.2620**, and **99.3640, 27.1930, -24.7670** is the 20% darker color. If you saturate the color by 10%, you get **148.7360, 34.7130, -28.8950**, and if you desaturate by 10%, it is **153.5580, 23.8910, -19.9890**.

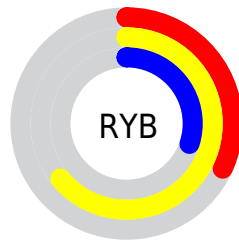
# Distribution



Red (64%)

Green (62%)

Blue (30%)



Red (32%)

Yellow (64%)

Blue (30%)

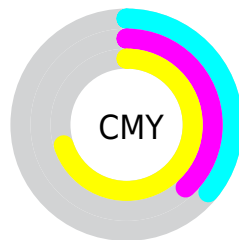


Cyan (0%)

Magenta (3%)

Yellow (53%)

Black (36%)



Cyan (36%)

Magenta (38%)

Yellow (70%)

# Brightness & Saturation Gradients

These gradients show how the YIQ color 151.1470, 29.3020, -24.4420 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 151.1470, 29.3020, -24.4420 by changing the saturation by 10% instead.



151.1470, 29.3020,  
-24.4420

151.1470, 29.3020,  
-24.4420

255.0000, -0.0000,  
-0.0000

124.9620, 28.3850,  
-24.3430

206.2890, 31.7780,  
-25.2620

99.3640, 27.1930,  
-24.7670

234.4740, 32.6950,  
-25.3610

74.4240, 26.9640,  
-26.1240

246.6780, 23.4330,  
-22.7030

53.7470, 18.9850,  
-19.1830

249.8700, 14.4450,  
-13.9950

33.3580, 10.1350,  
-12.9770

253.1760, 5.1360,  
-4.9760

11.7400, -5.5000,  
-10.4600

0.0000, 0.0000,

0.0000

■ 151.1470, 29.3020,  
-24.4420

■ 151.1470, 29.3020,  
-24.4420

■ 148.7360, 34.7130,  
-28.8950

■ 153.5580, 23.8910,  
-19.9890

■ 146.2110, 40.4450,  
-33.6590

■ 156.0830, 18.1590,  
-15.2250

■ 143.8000, 45.8560,  
-38.1120

■ 158.4940, 12.7480,  
-10.7720

■ 141.2750, 51.5880,  
-42.8760

■ 161.0190, 7.0160,  
-6.0080

■ 140.0210, 55.1190,  
-46.2970

■ 163.4300, 1.6050,  
-1.5550

■ 165.8410, -3.8060,  
2.8980

■ 168.3660, -9.5380,  
7.6620

■ 170.7770,  
-14.9490, 12.1150

■ 172.7150,  
-20.4060, 17.4020

# Harmonies

## Analogous

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



154.4370, 52.4530, -8.9790



151.1470, 29.3020, -24.4420



146.3260, -5.1750, -32.8790

# Triad

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



151.1470, 29.3020, -24.4420



125.8500, -114.6180, -26.3140



160.0660, 36.3060, 35.8740

# Complementary

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



151.1470, 29.3020, -24.4420



89.8530, -29.3020, 24.4420

# 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.



160.1080, 0.9570, 32.2290



151.1470, 29.3020, -24.4420



125.7440, -116.7750, -14.7510

# Square

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



151.1470, 29.3020, -24.4420



122.9200, -103.6120, -38.5560



153.3240, -44.1100, 17.4740



157.9310, 58.3150, 27.9710



# Rectangle

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



151.1470, 29.3020, -24.4420



140.7170, -34.1970, -35.5490



153.3240, -44.1100, 17.4740



160.2050, 25.6690, 35.9170

# Sweetspot

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



151.1470, 29.3020, -24.4420



208.9500, 11.4640, -9.5280



103.6970, 49.9260, 20.3100



104.1330, 6.6950, -5.6970



235.0000, 0.0000, -0.0000



107.0000, -0.0000, 0.0000



# Same Dimension

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



151.1470, 29.3020, -24.4420



193.6860, 46.1770, -38.4230



142.7200, 5.2790, -35.1130



80.3870, 3.1640, -2.2760



123.7740, 48.7450, -40.9110



15.3610, 6.0530, -5.0750



# Inverse Universe

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



89.8530, -29.3020, 24.4420



97.3140, -46.1770, 38.4230



98.2800, -5.2790, 35.1130



74.6130, -3.1640, 2.2760



21.2260, -48.7450, 40.9110



2.6390, -6.0530, 5.0750



# Previews

## White Background



This preview shows how the YIQ color 151.1470, 29.3020, -24.4420 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 151.1470, 29.3020, -24.4420 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

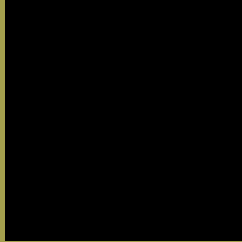
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# YIQ 151.1470, 29.3020, -24.4420

## Background



This preview shows how black text looks on a background with the YIQ color 151.1470, 29.3020, -24.4420.



This preview shows how white text looks on a background with the YIQ color 151.1470, 29.3020, -24.4420.

-24.4420.

# 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

151.1470, 29.3020, -24.4420

### Protanopia

151.9630, 35.8120, -21.2760

### Deuteranopia

153.9910, 47.7770, -12.3430



## Tritanopia

157.8320, 9.5810, 8.0850

# Trichromacy



## Original Color

151.1470, 29.3020, -24.4420

## Protanomaly

151.6530, 33.7490, -22.4350

## Deuteranomaly

153.2350, 41.0380, -16.8660

## Tritanomaly

155.1620, 16.9190, -3.7610

# Monochromacy



## Original Color

151.1470, 29.3020, -24.4420

## Achromatopsia

151.0000, -0.0000, 0.0000

## Achromatomaly

151.1780, 10.8220, -8.9060

# CSS Examples

## Text

The CSS property to change the color of the text to YIQ 151.1470, 29.3020, -24.4420 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(164, 159, 77)` looks like.

```
.text, #text, p{  
    color:rgb(164, 159, 77)  
}
```

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(164, 159, 77) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 159, 77) }
```

## Border

The CSS property to change the border of an element to YIQ 151.1470, 29.3020, -24.4420 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(164, 159, 77) }
```



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

```
.border{ border-color:rgb(164, 159, 77) }
```

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

Here you see how a box with a 4 pixel rgb(164, 159, 77) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 159, 77); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 159, 77);  
box-shadow:4px 4px 4px 4px rgb(164, 159,  
77) }
```

# Background

The CSS property to change the background color of an element to YIQ 151.1470, 29.3020, -24.4420 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 159, 77) }
```

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

```
.background{ background-color: rgb(164,  
159, 77) }
```

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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