

# Converting Colors

YIQ(124.7390, 13.4360,  
-12.2280)

Have a look what the booklet for  
YIQ(124.7390, 13.4360, -12.2280)  
contains.

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# Color

**YIQ(124.7390, 13.4360,  
-12.2280)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	828159
RGB	130, 129, 89
RGB Percent	51%, 51%, 35%
CMY	0.4902, 0.4941, 0.6509
CMYK	0.00, 0.01, 0.32, 0.49
HSL	59°, 19%, 43%
HSV	59°, 32%, 51%
XYZ	18.8593, 21.1674, 12.5476
YIQ	124.7390, 13.4360, -12.2280

# Conversions

## Conversions Part 2

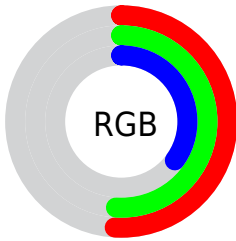
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	90, 130, 89
Decimal	8552793
CIE Lab	53.13, -6.35, 21.87
CIE LCh	53, 22.771, 106.201
Yxy	21.1674, 0.3587, 0.4026
Android (android.graphics.Color)	4286742873 (0xFF828159)
YUV	124.7390, -17.6193, 4.6139
Hunter-Lab	46.0080, -7.3445, 16.0356

# Details

The YIQ color **124.7390, 13.4360, -12.2280** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **94.2610, -13.4360, 12.2280**, and the grayscale version is **125.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **177.3970, 14.3990, -13.1610**, and **75.7820, 11.8770, -11.5070** is the 20% darker color. If you saturate the color by 10%, you get **123.2570, 17.6090, -16.2710**, and if you desaturate by 10%, it is **126.2210, 9.2630, -8.1850**.

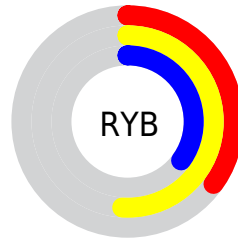
# Distribution



Red (51%)

Green (51%)

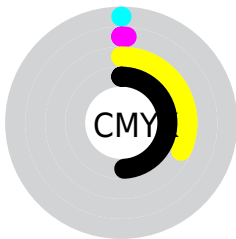
Blue (35%)



Red (35%)

Yellow (51%)

Blue (35%)

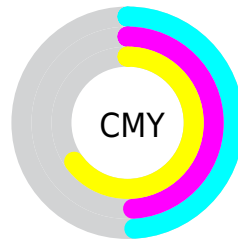


Cyan (0%)

Magenta (1%)

Yellow (32%)

Black (49%)



Cyan (49%)

Magenta (49%)

Yellow (65%)

# Brightness & Saturation Gradients

These gradients show how the YIQ color 124.7390, 13.4360, -12.2280 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 124.7390, 13.4360, -12.2280 by changing the saturation by 10% instead.



124.7390, 13.4360,  
-12.2280

124.7390, 13.4360,  
-12.2280

255.0000, -0.0000,  
-0.0000

99.5540, 12.5190,  
-12.1290

177.3970, 14.3990,  
-13.1610

75.7820, 11.8770,  
-11.5070

204.6960, 14.9950,  
-12.9490

52.5970, 10.9600,  
-11.4080

233.4680, 15.6370,  
-13.5710

31.5970, 10.9600,  
-11.4080

251.1240, 10.9140,  
-10.5740

9.1040, -3.5290,  
-7.6330

254.4300, 1.6050,  
-1.5550

0.0000, 0.0000,  
0.0000

■ 124.7390, 13.4360,  
-12.2280

■ 124.7390, 13.4360,  
-12.2280

■ 123.2570, 17.6090,  
-16.2710

■ 126.2210, 9.2630,  
-8.1850

■ 121.1880, 22.0570,  
-19.7910

■ 128.2900, 4.8150,  
-4.6650

■ 119.7060, 26.2300,  
-23.8340

■ 129.7720, 0.6420,  
-0.6220

■ 118.2240, 30.4030,  
-27.8770

■ 131.2540, -3.5310,  
3.4210

■ 116.1550, 34.8510,  
-31.3970

■ 133.3230, -7.9790,  
6.9410

■ 114.6730, 39.0240,  
-35.4400

■ 134.8050,  
-12.1520, 10.9840

■ 113.4190, 42.5550,  
-38.8610

■ 136.2870,  
-16.3250, 15.0270

■ 138.3560,

-20.7730, 18.5470

■ 139.8380,  
-24.9460, 22.5900

# Harmonies

## Analogous

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



126.8980, 26.4100, -5.0620



124.7390, 13.4360, -12.2280



122.2360, -4.2610, -16.3970

# Triad

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



124.7390, 13.4360, -12.2280



118.0190, -45.7100, -8.6060



129.7890, 20.3080, 17.4280

# Complementary

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



124.7390, 13.4360, -12.2280



94.2610, -13.4360, 12.2280

# 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.



129.5790, 3.3440, 16.4960



124.7390, 13.4360, -12.2280



122.2040, -35.6250, 1.3590

# Square

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



124.7390, 13.4360, -12.2280



117.2550, -40.8030, -14.9390



127.0540, -17.2870, 10.4330



129.3030, 30.3040, 12.4800



# Rectangle

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



124.7390, 13.4360, -12.2280



120.1790, -17.2820, -17.2020



127.0540, -17.2870, 10.4330



130.1520, 14.8520, 17.1880

# Sweetspot

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



124.7390, 13.4360, -12.2280



166.2900, 4.8150, -4.6650



101.3730, 24.1150, 9.0030



82.9740, 2.8890, -2.7990



212.0000, -0.0000, -0.0000



84.0000, -0.0000, -0.0000



# Same Dimension

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



124.7390, 13.4360, -12.2280



160.1170, 20.8190, -19.3810



119.6450, 1.8370, -16.7790



63.2020, 2.2470, -2.1770



111.0600, 42.1880, -37.7160



0.0000, 0.0000, 0.0000



# Inverse Universe

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



94.2610, -13.4360, 12.2280



112.4700, -21.0940, 18.8580



99.3550, -1.8370, 16.7790



58.3850, -2.5220, 1.6540



16.3530, -41.9130, 38.2390



0.0000, 0.0000, 0.0000



# Previews

## White Background



This preview shows how the YIQ color 124.7390, 13.4360, -12.2280 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 124.7390, 13.4360, -12.2280 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

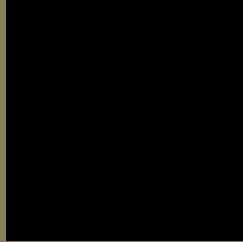
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

# YIQ 124.7390, 13.4360, -12.2280

## Background



This preview shows how black text looks on a background with the YIQ color 124.7390, 13.4360, -12.2280.



This preview shows how white text looks on a background with the YIQ color 124.7390, 13.4360,

-12.2280.

# 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

124.7390, 13.4360, -12.2280

### Protanopia

125.5440, 18.4790, -10.0090

### Deuteranopia

126.5500, 27.5100, -2.9700



## Tritanopia

127.7280, 3.9420, 5.6540

# Trichromacy



## Original Color

124.7390, 13.4360, -12.2280

## Protanomaly

125.2340, 16.4160, -11.1680

## Deuteranomaly

125.8050, 22.2380, -6.5460

## Tritanomaly

126.4800, 7.3360, -0.7920

# Monochromacy



## Original Color

124.7390, 13.4360, -12.2280

## Achromatopsia

125.0000, 0.0000, 0.0000

## Achromatomaly

124.7030, 5.0900, -4.1420

# CSS Examples

## Text

The CSS property to change the color of the text to YIQ 124.7390, 13.4360, -12.2280 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(130, 129, 89)` looks like.

```
.text, #text, p{  
    color:rgb(130, 129, 89)  
}
```

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(130, 129, 89) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 129, 89) }
```

## Border

The CSS property to change the border of an element to YIQ 124.7390, 13.4360, -12.2280 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(130, 129, 89) }
```



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

```
.border{ border-color:rgb(130, 129, 89) }
```

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

Here you see how a box with a 4 pixel `rgb(130, 129, 89)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(130, 129, 89); -webkit-box-  
shadow:4px 4px 4px 4px rgb(130, 129, 89);  
box-shadow:4px 4px 4px 4px rgb(130, 129,  
89) }
```

# Background

The CSS property to change the background color of an element to YIQ 124.7390, 13.4360, -12.2280 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 129, 89) }
```

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

```
.background{ background-color: rgb(130,  
129, 89) }
```

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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