

# Converting Colors

YIQ(175.1250, 17.2000,  
-36.4000)

Have a look what the booklet for  
YIQ(175.1250, 17.2000, -36.4000)  
contains.

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# Color

**YIQ(175.1250, 17.2000,  
-36.4000)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A9C25E
RGB	169, 194, 94
RGB Percent	66%, 76%, 37%
CMY	0.3374, 0.2392, 0.6312
CMYK	0.13, 0.00, 0.52, 0.24
HSL	75°, 45%, 56%
HSV	75°, 52%, 76%
XYZ	37.6716, 47.8285, 17.8447
YIQ	175.1250, 17.2000, -36.4000

# Conversions

## Conversions Part 2

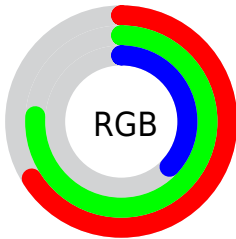
<b>Format</b>	<b>Color</b>
<b>RYB</b>	94, 194, 119
Decimal	11125342
CIELab	74.72, -23.74, 46.96
CIELCh	75, 52.619, 116.821
Yxy	47.8285, 0.3645, 0.4628
Android (android.graphics.Color)	4289315422 (0xFFA9C25E)
YUV	175.1250, -39.9946, -5.3716
Hunter-Lab	69.1582, -23.7948, 33.1122

# Details

The YIQ color **175.1250, 17.2000, -36.4000** is a light color, and the websafe version is hex **99CC66**. The color can be described as light muted chartreuse. A complement of this color would be **112.8750, -17.2000, 36.4000**, and the grayscale version is **176.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **231.6690, 18.4840, -37.6440**, and **121.4670, 16.2370, -35.4670** is the 20% darker color. If you saturate the color by 10%, you get **171.4640, 20.3190, -43.3690**, and if you desaturate by 10%, it is **178.7860, 14.0810, -29.4310**.

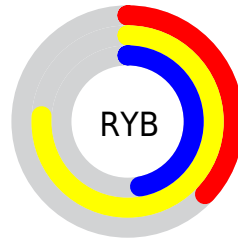
# Distribution



Red (66%)

Green (76%)

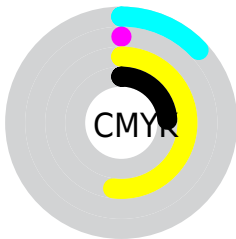
Blue (37%)



Red (37%)

Yellow (76%)

Blue (47%)

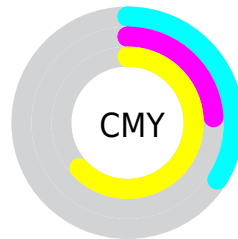


Cyan (13%)

Magenta (0%)

Yellow (52%)

Black (24%)



Cyan (34%)

Magenta (24%)

Yellow (63%)

# Brightness & Saturation Gradients

These gradients show how the YIQ color 175.1250, 17.2000, -36.4000 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 175.1250, 17.2000, -36.4000 by changing the saturation by 10% instead.



■ 175.1250, 17.2000,  
-36.4000

■ 175.1250, 17.2000,  
-36.4000

■ 255.0000, -0.0000,  
-0.0000

■ 147.9400, 16.2830,  
-36.3010

■ 231.6690, 18.4840,  
-37.6440

■ 121.4670, 16.2370,  
-35.4670

■ 245.7660, 26.0010,  
-25.1910

■ 95.2990, 16.6500,  
-37.4460

■ 248.9580, 17.0130,  
-16.4830

■ 71.6670, 12.7980,  
-33.7140

■ 252.2640, 7.7040,  
-7.4640

■ 50.6910, 4.2230,  
-26.9850

■ 28.8180, -6.1400,  
-20.8920

■ 14.6750, -6.8750,

-13.0750

■ 0.0000, 0.0000,  
0.0000

■ 175.1250, 17.2000,  
-36.4000

■ 175.1250, 17.2000,  
-36.4000

■ 171.4640, 20.3190,  
-43.3690

■ 178.7860, 14.0810,  
-29.4310

■ 167.6890, 23.7590,  
-50.6490

■ 182.5610, 10.6410,  
-22.1510

■ 164.0280, 26.8780,  
-57.6180

■ 186.2220, 7.5220,  
-15.1820

■ 160.5520, 30.9140,  
-64.6860

■ 189.6980, 3.4860,  
-8.1140

■ 157.2330, 33.0700,  
-70.7220

■ 193.3590, 0.3670,  
-1.1450

■ 197.0200, -2.7520,  
5.8240

■ 200.7950, -6.1920,  
13.1040

■ 204.4560, -9.3110,  
20.0730

■ 206.6350, -8.2570,  
22.9990

# Harmonies

## Analogous

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



179.5320, 53.1430, -21.4890



175.1250, 17.2000, -36.4000



167.0450, -32.5450, -43.4650

# Triad

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



175.1250, 17.2000, -36.4000



147.6440, -137.4050, -26.3410



182.5470, 51.0690, 38.1490

# Complementary

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



175.1250, 17.2000, -36.4000



112.8750, -17.2000, 36.4000

# 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.



189.5780, 23.4210, 43.6210



175.1250, 17.2000, -36.4000



166.0040, -84.9120, -2.9920

# Square

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



175.1250, 17.2000, -36.4000



147.8600, -129.7460, -38.4980



184.1420, -22.7460, 26.7740



178.8360, 65.6520, 21.6520



# Rectangle

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



175.1250, 17.2000, -36.4000



153.5030, -80.8690, -48.7490



184.1420, -22.7460, 26.7740



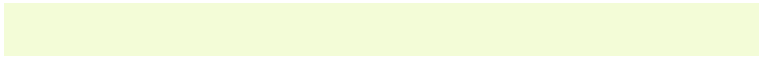
185.5450, 45.3830, 42.0790

# Sweetspot

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



175.1250, 17.2000, -36.4000



245.0910, 6.5130, -13.4150



138.5750, 52.7250, 8.1250



123.5840, 3.8070, -8.4250



0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000



# Same Dimension

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



175.1250, 17.2000, -36.4000



222.5550, 26.8320, -56.7840



160.1750, -12.6000, -47.0000



94.9630, 1.4220, -3.7460



130.3870, 27.2450, -58.7630



26.8460, 5.8250, -11.9590



# Inverse Universe

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



112.8750, -17.2000, 36.4000



125.4450, -26.8320, 56.7840



127.8250, 12.6000, 47.0000



89.0370, -1.4220, 3.7460



30.3140, -27.8410, 58.5510



6.1540, -5.8250, 11.9590



# Previews

## White Background



This preview shows how the YIQ color 175.1250, 17.2000, -36.4000 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 175.1250, 17.2000, -36.4000 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 175.1250, 17.2000, -36.4000

## Background



This preview shows how black text looks on a background with the YIQ color 175.1250, 17.2000, -36.4000.



This preview shows how white text looks on a background with the YIQ color 175.1250, 17.2000, -36.4000.

-36.4000.

# 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

175.1250, 17.2000, -36.4000

### Protanopia

179.0790, 41.1770, -24.8950

### Deuteranopia

181.2860, 54.1960, -13.0360



## Tritanopia

183.9980, -5.6860, 3.9300

# Trichromacy



## Original Color

175.1250, 17.2000, -36.4000

## Protanomaly

177.9530, 32.6040, -29.2200

## Deuteranomaly

179.1870, 40.9930, -21.5590

## Tritanomaly

180.9320, 2.7070, -10.5170

# Monochromacy



## Original Color

175.1250, 17.2000, -36.4000

## Achromatopsia

175.0000, -0.0000, -0.0000

## Achromatomaly

175.2050, 6.1920, -13.1040

# CSS Examples

## Text

The CSS property to change the color of the text to YIQ 175.1250, 17.2000, -36.4000 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(169, 194, 94)` looks like.

```
.text, #text, p{  
    color:rgb(169, 194, 94)  
}
```

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(169, 194, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 194, 94) }
```

## Border

The CSS property to change the border of an element to YIQ 175.1250, 17.2000, -36.4000 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(169, 194, 94) }
```



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

```
.border{ border-color:rgb(169, 194, 94) }
```

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

Here you see how a box with a 4 pixel rgb(169, 194, 94) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 194, 94); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 194, 94);  
box-shadow:4px 4px 4px 4px rgb(169, 194,  
94) }
```

# Background

The CSS property to change the background color of an element to YIQ 175.1250, 17.2000, -36.4000 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 194, 94) }
```

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

```
.background{ background-color: rgb(169,  
194, 94) }
```

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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