

# Converting Colors

YIQ(155.6040, 9.0820, -21.4300)

Have a look what the booklet for  
YIQ(155.6040, 9.0820, -21.4300)  
contains.

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# Color

**YIQ(155.6040, 9.0820,  
-21.4300)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	97A76D
RGB	151, 167, 109
RGB Percent	59%, 65%, 43%
CMY	0.4079, 0.3451, 0.5725
CMYK	0.10, 0.00, 0.35, 0.35
HSL	77°, 25%, 54%
HSV	77°, 35%, 65%
XYZ	29.3403, 35.3219, 19.7452
YIQ	155.6040, 9.0820, -21.4300

# Conversions

## Conversions Part 2

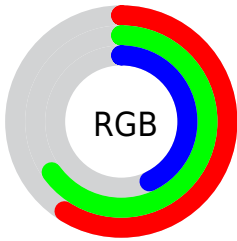
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">109, 167, 125</a>
Decimal	<a href="#">9938797</a>
CIELab	<a href="#">66.00, -15.52, 28.17</a>
CIELCh	<a href="#">66, 32.166, 118.855</a>
Yxy	<a href="#">35.3219, 0.3476, 0.4185</a>
Android (android.graphics.Color)	<a href="#">4288128877 (0xFF97A76D)</a>
YUV	<a href="#">155.6040, -22.9758, -4.0377</a>
Hunter-Lab	<a href="#">59.4322, -15.8851, 21.9046</a>

# Details

The YIQ color **155.6040, 9.0820, -21.4300** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **120.3960, -9.0820, 21.4300**, and the grayscale version is **156.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **210.2620, 10.0450, -22.3630**, and **103.9460, 8.1190, -20.4970** is the 20% darker color. If you saturate the color by 10%, you get **152.1710, 11.5590, -27.7770**, and if you desaturate by 10%, it is **159.0370, 6.6050, -15.0830**.

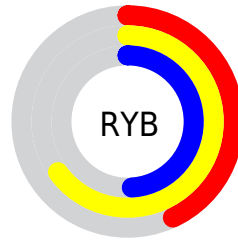
# Distribution



Red (59%)

Green (65%)

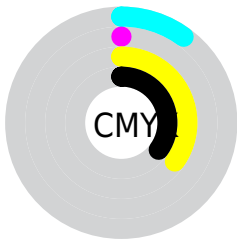
Blue (43%)



Red (43%)

Yellow (65%)

Blue (49%)

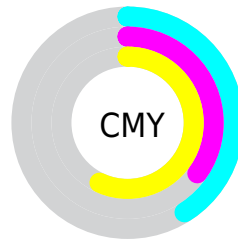


Cyan (10%)

Magenta (0%)

Yellow (35%)

Black (35%)



Cyan (41%)

Magenta (35%)














Yellow (57%)

# Brightness & Saturation Gradients

These gradients show how the YIQ color 155.6040, 9.0820, -21.4300 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 155.6040, 9.0820, -21.4300 by changing the saturation by 10% instead.



 155.6040, 9.0820, -21.4300	 155.6040, 9.0820, -21.4300
255.0000, -0.0000, -0.0000	 129.7180, 8.7610, -21.1190
 210.2620, 10.0450, -22.3630	 103.9460, 8.1190, -20.4970
 238.7350, 10.0910, -23.1970	 79.4730, 8.0730, -19.6630
 250.5540, 12.5190, -12.1290	 56.2880, 7.1560, -19.5640
 253.8600, 3.2100, -3.1100	 35.3850, 5.5050, -17.1750
	 14.6750, -6.8750, -13.0750
	 0.0000, 0.0000,

0.0000

■ 155.6040, 9.0820,  
-21.4300

■ 155.6040, 9.0820,  
-21.4300

■ 152.1710, 11.5590,  
-27.7770

■ 159.0370, 6.6050,  
-15.0830

■ 149.1510, 14.3110,  
-33.6010

■ 162.0570, 3.8530,  
-9.2590

■ 145.7180, 16.7880,  
-39.9480

■ 165.4900, 1.3760,  
-2.9120

■ 142.5840, 19.8610,  
-46.0830

■ 168.6240, -1.6970,  
3.2230

■ 139.2650, 22.0170,  
-52.1190

■ 172.0570, -4.1740,  
9.5700

■ 135.8320, 24.4940,  
-58.4660

■ 175.3760, -6.3300,  
15.6060

■ 134.2080, 26.1910,  
-61.6890

■ 178.5100, -9.4030,  
21.7410

■ 181.9430,  
-11.8800, 28.0880

■ 184.8060,  
-12.7520, 32.8800

# Harmonies

## Analogous

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



158.4930, 31.6840, -12.5400



155.6040, 9.0820, -21.4300



151.3540, -19.5730, -25.2450

# Triad

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



155.6040, 9.0820, -21.4300



146.9270, -68.8180, -8.3220



164.1610, 36.9960, 23.3640

# Complementary

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



155.6040, 9.0820, -21.4300



120.3960, -9.0820, 21.4300

# 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.



164.9060, 15.9050, 25.6410



155.6040, 9.0820, -21.4300



156.1140, -43.8790, 7.7770

# Square

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



155.6040, 9.0820, -21.4300



141.3850, -73.5840, -21.0720



162.6020, -12.6580, 20.1580



162.9260, 47.5430, 13.9350



# Rectangle

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



155.6040, 9.0820, -21.4300



147.7030, -39.6090, -25.5690



162.6020, -12.6580, 20.1580



164.5780, 31.4480, 24.7920

# Sweetspot

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



155.6040, 9.0820, -21.4300



212.6980, 3.4860, -8.1140



135.1470, 30.4430, 4.4510



107.2080, 2.1100, -5.2020



237.0000, -0.0000, -0.0000



110.0000, 0.0000, 0.0000



# Same Dimension

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



155.6040, 9.0820, -21.4300



199.1510, 14.3110, -33.6010



147.2320, -7.6060, -27.3660



82.4900, 1.3760, -2.9120



118.8690, 23.0720, -54.7200



16.2250, 3.4400, -7.2800



# Inverse Universe

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



120.3960, -9.0820, 21.4300



143.8490, -14.3110, 33.6010



128.7680, 7.6060, 27.3660



77.5100, -1.3760, 2.9120



29.1310, -23.0720, 54.7200



4.0740, -2.8440, 7.4920



# Previews

## White Background



This preview shows how the YIQ color 155.6040, 9.0820, -21.4300 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

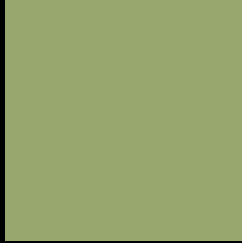
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YIQ color 155.6040, 9.0820, -21.4300 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

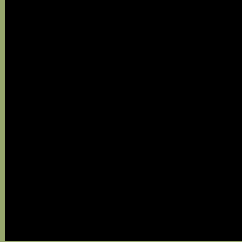
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# YIQ 155.6040, 9.0820, -21.4300

## Background



This preview shows how black text looks on a background with the YIQ color 155.6040, 9.0820, -21.4300.



This preview shows how white text looks on a background with the YIQ color 155.6040, 9.0820,

-21.4300.

# 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

155.6040, 9.0820, -21.4300

### Protanopia

158.0300, 25.6780, -13.8260

### Deuteranopia

159.6880, 35.8090, -4.6950



## Tritanopia

160.4820, -4.1730, 4.0430

# Trichromacy



## Original Color

155.6040, 9.0820, -21.4300

## Protanomaly

157.5130, 19.7640, -16.7800

## Deuteranomaly

158.0240, 25.8150, -10.8010

## Tritanomaly

158.7240, 0.5970, -5.3150

# Monochromacy



## Original Color

155.6040, 9.0820, -21.4300

## Achromatopsia

156.0000, -0.0000, -0.0000

## Achromatomaly

155.8120, 3.1650, -7.8030

# CSS Examples

## Text

The CSS property to change the color of the text to YIQ 155.6040, 9.0820, -21.4300 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(151, 167, 109)` looks like.

```
.text, #text, p{  
    color:rgb(151, 167, 109)  
}
```

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(151, 167, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 167, 109) }
```

## Border

The CSS property to change the border of an element to YIQ 155.6040, 9.0820, -21.4300 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(151, 167, 109) }
```



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

```
.border{ border-color:rgb(151, 167, 109) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 167, 109)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 167, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 167, 109);  
box-shadow:4px 4px 4px 4px rgb(151, 167,  
109) }
```

# Background

The CSS property to change the background color of an element to YIQ 155.6040, 9.0820, -21.4300 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 167, 109) }
```

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

```
.background{ background-color: rgb(151,  
167, 109) }
```

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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