

# Converting Colors

YIQ(131.1040, 22.8340, -6.3340)

Have a look what the booklet for  
YIQ(131.1040, 22.8340, -6.3340)  
contains.

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# Color

**YIQ(131.1040, 22.8340,  
-6.3340)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	95815F
RGB	149, 129, 95
RGB Percent	58%, 51%, 37%
CMY	0.4157, 0.4941, 0.6273
CMYK	0.00, 0.13, 0.36, 0.42
HSL	38°, 22%, 48%
HSV	38°, 36%, 58%
XYZ	22.3117, 22.9152, 14.0807
YIQ	131.1040, 22.8340, -6.3340

# Conversions

## Conversions Part 2

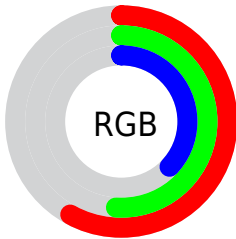
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	127, 149, 95
Decimal	9797983
CIE <sub>Lab</sub>	54.98, 2.47, 21.25
CIE <sub>LCh</sub>	55, 21.392, 83.373
Yxy	22.9152, 0.3762, 0.3864
Android (android.graphics.Color)	4287988063 (0xFF95815F)
YUV	131.1040, -17.7993, 15.6948
Hunter-Lab	47.8699, -0.5750, 16.0690

# Details

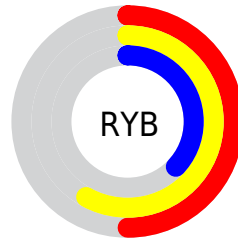
The YIQ color **131.1040, 22.8340, -6.3340** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **112.8960, -22.8340, 6.3340**, and the grayscale version is **131.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **184.4740, 24.6680, -6.5320**, and **81.4350, 20.4040, -6.3480** is the 20% darker color. If you saturate the color by 10%, you get **125.8720, 29.2990, -7.8610**, and if you desaturate by 10%, it is **136.3360, 16.3690, -4.8070**.

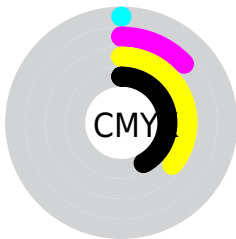
# Distribution



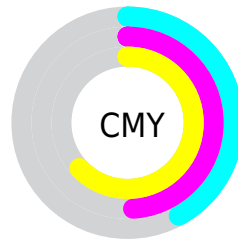
- Red (58%)
- Green (51%)
- Blue (37%)



- Red (50%)
- Yellow (58%)
- Blue (37%)



- Cyan (0%)
- Magenta (13%)
- Yellow (36%)
- Black (42%)




- Cyan (42%)
- Magenta (49%)
- Yellow (63%)


# Brightness & Saturation Gradients

These gradients show how the YIQ color 131.1040, 22.8340, -6.3340 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 131.1040, 22.8340, -6.3340 by changing the saturation by 10% instead.





 131.1040, 22.8340,  
-6.3340


 131.1040, 22.8340,  
-6.3340


255.0000, -0.0000,  
-0.0000


 105.9190, 21.9170,  
-6.2350


 184.4740, 24.6680,  
-6.5320

 81.4350, 20.4040,  
-6.3480


 211.6590, 25.5850,  
-6.6310

 58.0650, 18.5700,  
-6.1500

 238.7510, 22.3300,  
-8.2140

 36.0110, 18.6620,  
-7.8180

 251.9220, 8.6670,  
-8.3970

 16.5790, 11.3710,  
-2.3330

 0.0000, 0.0000,  
0.0000

■ 131.1040, 22.8340,  
-6.3340

■ 131.1040, 22.8340,  
-6.3340

■ 125.8720, 29.2990,  
-7.8610

■ 136.3360, 16.3690,  
-4.8070

■ 121.2270, 35.4890,  
-9.9110

■ 140.9810, 10.1790,  
-2.7570

■ 115.9950, 41.9540,  
-11.4380

■ 146.2130, 3.7140,  
-1.2300

■ 111.3500, 48.1440,  
-13.4880

■ 150.8580, -2.4760,  
0.8200

■ 106.2320, 54.2880,  
-14.7040

■ 156.0900, -8.9410,  
2.3470

■ 101.5870, 60.4780,  
-16.7540

■ 160.6210,  
-14.8100, 4.0860

■ 99.7290, 62.9540,  
-17.5740

■ 165.8530,  
-21.2750, 5.6130

■ 170.4980,

-27.4650, 7.6630

■ 175.7300,  
-33.9300, 9.1900

# Harmonies

## Analogous

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



132.6800, 30.2600, 2.2600



131.1040, 22.8340, -6.3340



129.1730, 9.2180, -12.8780

# Triad

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



131.1040, 22.8340, -6.3340



123.0210, -40.0240, -12.5360



134.3190, 7.0120, 16.1000

# Complementary

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



131.1040, 22.8340, -6.3340



112.8960, -22.8340, 6.3340

# 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.



132.5170, -11.2810, 11.7190



131.1040, 22.8340, -6.3340



124.4650, -41.0340, -5.2420

# Square

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



131.1040, 22.8340, -6.3340



124.4430, -26.7730, -15.9010



129.1940, -29.6650, 3.4790



134.4040, 22.8300, 15.7740



# Rectangle

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



131.1040, 22.8340, -6.3340



127.5460, -2.1980, -15.2380



129.1940, -29.6650, 3.4790



134.2690, 1.2810, 15.3370

# Sweetspot

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



131.1040, 22.8340, -6.3340



186.7960, 9.2620, -2.6580



113.5400, 25.4430, 17.9790



92.5830, 5.5480, -1.4280



224.0000, -0.0000, 0.0000



97.0000, -0.0000, 0.0000



# Same Dimension

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



131.1040, 22.8340, -6.3340



166.2270, 35.4890, -9.9110



141.0500, 13.7580, -18.0660



71.4410, 3.0720, -0.6080



92.3310, 58.3230, -16.2450



6.5120, 4.3100, -1.0180



# Inverse Universe

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



112.8960, -22.8340, 6.3340



137.7730, -35.4890, 9.9110



102.9500, -13.7580, 18.0660



68.9720, -2.7970, 1.1310



45.6690, -58.3230, 16.2450



3.4880, -4.3100, 1.0180



# Previews

## White Background



This preview shows how the YIQ color 131.1040, 22.8340, -6.3340 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 131.1040, 22.8340, -6.3340 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

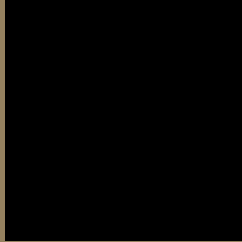
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

# YIQ 131.1040, 22.8340, -6.3340

## Background



This preview shows how black text looks on a background with the YIQ color 131.1040, 22.8340, -6.3340.



This preview shows how white text looks on a background with the YIQ color 131.1040, 22.8340, -6.3340.

-6.3340.

# 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

131.1040, 22.8340, -6.3340

### Protanopia

130.8860, 17.5160, -9.0760

### Deuteranopia

131.5500, 27.5100, -2.9700



## Tritanopia

133.8110, 14.0740, 9.2580

# Trichromacy



## Original Color

131.1040, 22.8340, -6.3340

## Protanomaly

131.1960, 19.5790, -7.9170

## Deuteranomaly

131.2400, 25.4470, -4.1290

## Tritanomaly

133.0900, 17.4220, 3.6460

# Monochromacy



## Original Color

131.1040, 22.8340, -6.3340

## Achromatopsia

131.0000, -0.0000, -0.0000

## Achromatomaly

131.0240, 8.6200, -2.0360

# CSS Examples

## Text

The CSS property to change the color of the text to YIQ 131.1040, 22.8340, -6.3340 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(149, 129, 95)` looks like.

```
.text, #text, p{  
    color:rgb(149, 129, 95)  
}
```

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(149, 129, 95) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 129, 95) }
```

## Border

The CSS property to change the border of an element to YIQ 131.1040, 22.8340, -6.3340 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(149, 129, 95) }
```



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

```
.border{ border-color:rgb(149, 129, 95) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 129, 95)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 129, 95); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 129, 95);  
box-shadow:4px 4px 4px 4px rgb(149, 129,  
95) }
```

# Background

The CSS property to change the background color of an element to YIQ 131.1040, 22.8340, -6.3340 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 129, 95) }
```

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

```
.background{ background-color: rgb(149,  
129, 95) }
```

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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