

# Converting Colors

YIQ(135.1160, 22.5600,  
-12.3840)

Have a look what the booklet for  
YIQ(135.1160, 22.5600, -12.3840)  
contains.

<b>YIQ(135.1160, 22.5600, -12.3840)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	24
<b><i>Color Blindness Simulation</i></b> .....	28
<b><i>CSS Examples</i></b> .....	31

# Color

**YIQ(135.1160, 22.5600,  
-12.3840)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	958959
RGB	149, 137, 89
RGB Percent	58%, 54%, 35%
CMY	0.4157, 0.4627, 0.6508
CMYK	0.00, 0.08, 0.40, 0.42
HSL	48°, 25%, 47%
HSV	48°, 40%, 58%
XYZ	23.1438, 25.0012, 13.0642
YIQ	135.1160, 22.5600, -12.3840

# Conversions

## Conversions Part 2

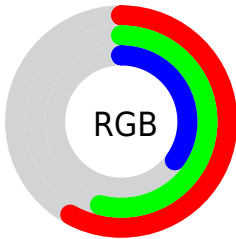
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">104, 149, 89</a>
Decimal	<a href="#">9800025</a>
CIELab	<a href="#">57.08, -2.76, 27.35</a>
CIELCh	<a href="#">57, 27.489, 95.761</a>
Yxy	<a href="#">25.0012, 0.3781, 0.4085</a>
Android (android.graphics.Color)	<a href="#">4287990105 (0xFF958959)</a>
YUV	<a href="#">135.1160, -22.7352, 12.1763</a>
Hunter-Lab	<a href="#">50.0012, -4.8806, 19.5097</a>

# Details

The YIQ color **135.1160, 22.5600, -12.3840** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **102.8840, -22.5600, 12.3840**, and the grayscale version is **135.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **188.4860, 24.3940, -12.5820**, and **84.8600, 20.4050, -11.8750** is the 20% darker color. If you saturate the color by 10%, you get **131.6450, 28.2000, -15.4800**, and if you desaturate by 10%, it is **138.5870, 16.9200, -9.2880**.

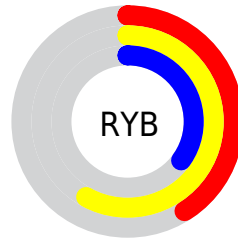
# Distribution



Red (58%)

Green (54%)

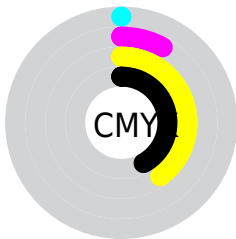
Blue (35%)



Red (41%)

Yellow (58%)

Blue (35%)

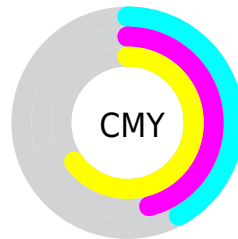


Cyan (0%)

Magenta (8%)

Yellow (40%)

Black (42%)



Cyan (42%)

Magenta (46%)

Yellow (65%)

# Brightness & Saturation Gradients

These gradients show how the YIQ color 135.1160, 22.5600, -12.3840 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 135.1160, 22.5600, -12.3840 by changing the saturation by 10% instead.



■ 135.1160, 22.5600,  
-12.3840

■ 135.1160, 22.5600,  
-12.3840

■ 255.0000, -0.0000,  
-0.0000

■ 109.9310, 21.6430,  
-12.2850

■ 188.4860, 24.3940,  
-12.5820

■ 84.8600, 20.4050,  
-11.8750

■ 216.5570, 25.6320,  
-12.9920

■ 61.3760, 18.8920,  
-11.9880

■ 242.7630, 22.0560,  
-14.2640

■ 39.3050, 17.6540,  
-11.5780

■ 251.2380, 10.5930,  
-10.2630

■ 20.3890, 8.8500,  
-6.2060

■ 254.4300, 1.6050,  
-1.5550

■ 0.0000, 0.0000,  
0.0000

■ 135.1160, 22.5600,  
-12.3840

■ 135.1160, 22.5600,  
-12.3840

■ 131.6450, 28.2000,  
-15.4800

■ 138.5870, 16.9200,  
-9.2880

■ 128.1740, 33.8400,  
-18.5760

■ 142.0580, 11.2800,  
-6.1920

■ 124.7030, 39.4800,  
-21.6720

■ 145.5290, 5.6400,  
-3.0960

■ 121.2320, 45.1200,  
-24.7680

■ 149.0000, 0.0000,  
-0.0000

■ 117.8750, 50.4390,  
-27.5530

■ 152.4710, -5.6400,  
3.0960

■ 114.4040, 56.0790,  
-30.6490

■ 155.8280,  
-10.9590, 5.8810

■ 159.2990,  
-16.5990, 8.9770

■ 162.7700,

-22.2390, 12.0730

■ 166.2410,  
-27.8790, 15.1690

# Harmonies

## Analogous

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



137.2690, 35.6710, -2.1930



135.1160, 22.5600, -12.3840



132.3630, 2.5710, -19.0690

# Triad

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



135.1160, 22.5600, -12.3840



122.9030, -60.2430, -15.0510



140.6410, 17.9690, 21.2730

# Complementary

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



135.1160, 22.5600, -12.3840



102.8840, -22.5600, 12.3840

# 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.



139.4410, -4.9550, 18.2210



135.1160, 22.5600, -12.3840



128.3590, -52.3590, -3.7430

# Square

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



135.1160, 22.5600, -12.3840



124.4560, -45.9830, -20.1830



135.4700, -30.2620, 8.7940



140.0310, 34.2460, 18.1340



# Rectangle

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



135.1160, 22.5600, -12.3840



129.8110, -13.4300, -20.9340



135.4700, -30.2620, 8.7940



140.5200, 11.0000, 20.9200

# Sweetspot

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



135.1160, 22.5600, -12.3840



188.4430, 8.7580, -4.5380



108.4220, 31.5870, 16.7630



93.6430, 5.3190, -2.7850



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.



135.1160, 22.5600, -12.3840



172.2450, 35.0780, -18.9860



137.0770, 9.1280, -22.2640



72.0280, 2.7970, -1.1310



105.8320, 51.9980, -28.2740



7.6860, 3.7600, -2.0640



# Inverse Universe

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



102.8840, -22.5600, 12.3840



122.1680, -34.8030, 19.5090



100.9230, -9.1280, 22.2640



68.3850, -2.5220, 1.6540



32.1680, -51.9980, 28.2740



2.3140, -3.7600, 2.0640



# Previews

## White Background



This preview shows how the YIQ color 135.1160, 22.5600, -12.3840 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 135.1160, 22.5600, -12.3840 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

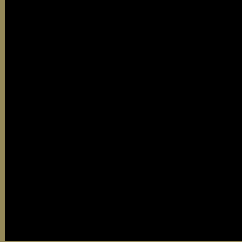
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

# YIQ 135.1160, 22.5600, -12.3840

## Background



This preview shows how black text looks on a background with the YIQ color 135.1160, 22.5600, -12.3840.



This preview shows how white text looks on a background with the YIQ color 135.1160, 22.5600,

-12.3840.

# 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

135.1160, 22.5600, -12.3840

### Protanopia

135.1160, 22.5600, -12.3840

### Deuteranopia

136.4920, 33.4250, -5.5430



## Tritanopia

139.3160, 11.0940, 8.1980

# Trichromacy



## Original Color

135.1160, 22.5600, -12.3840

## Protanomaly

135.1160, 22.5600, -12.3840

## Deuteranomaly

135.8720, 29.2990, -7.8610

## Tritanomaly

137.7260, 15.4510, 0.8190

# Monochromacy



## Original Color

135.1160, 22.5600, -12.3840

## Achromatopsia

135.0000, -0.0000, -0.0000

## Achromatomaly

135.1440, 8.1620, -4.7500

# CSS Examples

## Text

The CSS property to change the color of the text to YIQ 135.1160, 22.5600, -12.3840 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, 137, 89)` looks like.

```
.text, #text, p{  
    color:rgb(149, 137, 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(149, 137, 89) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 137, 89) }
```

## Border

The CSS property to change the border of an element to YIQ 135.1160, 22.5600, -12.3840 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, 137, 89) }
```



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

```
.border{ border-color:rgb(149, 137, 89) }
```

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

Here you see how a box with a 4 pixel rgb(149, 137, 89) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 137, 89); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 137, 89);  
box-shadow:4px 4px 4px 4px rgb(149, 137,  
89) }
```

# Background

The CSS property to change the background color of an element to YIQ 135.1160, 22.5600, -12.3840 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 137, 89) }
```

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

```
.background{ background-color: rgb(149,  
137, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor