

# Converting Colors

YIQ(139.4320, 78.3530, 17.2410)

Have a look what the booklet for  
YIQ(139.4320, 78.3530, 17.2410)  
contains.

|  |    |
|--|----|
| <b>YIQ(139.4320, 78.3530, 17.2410)</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(139.4320, 78.3530,  
17.2410)**

# Conversions

## Conversions Part 1

| <b>Format</b> | <b>Color</b>               |
|---------------|----------------------------|
| Hex           | E16B52                     |
| RGB           | 225, 107, 82               |
| RGB Percent   | 88%, 42%, 32%              |
| CMY           | 0.1174, 0.5806, 0.6781     |
| CMYK          | 0.00, 0.52, 0.64, 0.12     |
| HSL           | 10°, 70%, 60%              |
| HSV           | 10°, 64%, 88%              |
| XYZ           | 37.8511, 27.1339, 11.2419  |
| YIQ           | 139.4320, 78.3530, 17.2410 |

# Conversions

## Conversions Part 2

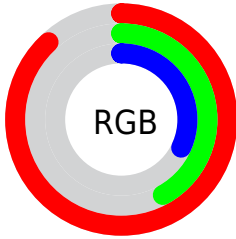
| <b>Format</b>                       | <b>Color</b>                                    |
|-------------------------------------|---|
| <a href="#">RYB</a>                 | <a href="#">225, 112, 82</a>                    |
| Decimal                             | <a href="#">14773074</a>                        |
| CIELab                              | <a href="#">59.10, 44.16, 35.65</a>             |
| CIELCh                              | <a href="#">59, 56.758, 38.915</a>              |
| Yxy                                 | <a href="#">27.1339, 0.4966,<br/>0.3560</a>     |
| Android<br>(android.graphics.Color) | <a href="#">4292963154<br/>(0xFFE16B52)</a>     |
| YUV                                 | <a href="#">139.4320, -28.3140,<br/>75.0431</a> |
| Hunter-Lab                          | <a href="#">52.0902, 38.5483,<br/>23.6675</a>   |

# Details

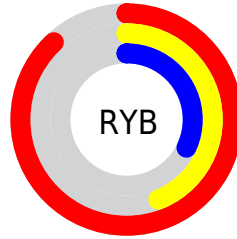
The YIQ color **139.4320, 78.3530, 17.2410** is a dark color, and the websafe version is hex **CC6633**. The color can be described as middle muted orange. A complement of this color would be **167.5680, -78.3530, -17.2410**, and the grayscale version is **140.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **185.8000, 65.3330, 10.9090**, and **85.4250, 71.0630, 17.1990** is the 20% darker color. If you saturate the color by 10%, you get **125.7710, 90.6400, 20.3360**, and if you desaturate by 10%, it is **153.2070, 65.7450, 14.4570**.

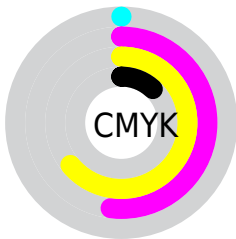
# Distribution



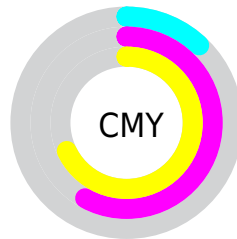
- Red (88%)
- Green (42%)
- Blue (32%)



- Red (88%)
- Yellow (44%)
- Blue (32%)



- Cyan (0%)
- Magenta (52%)
- Yellow (64%)
- Black (12%)




- Cyan (12%)
- Magenta (58%)
- Yellow (68%)


# Brightness & Saturation Gradients

These gradients show how the YIQ color 139.4320, 78.3530, 17.2410 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 139.4320, 78.3530, 17.2410 by changing the saturation by 10% instead.





 139.4320, 78.3530,  
17.2410


 139.4320, 78.3530,  
17.2410


255.0000, -0.0000,  
-0.0000


 112.2790, 74.4100,  
17.1140


 185.8000, 65.3330,  
10.9090


 85.4250, 71.0630,  
17.1990


 205.2000, 49.2870,  
4.3510


 56.9240, 68.2200,  
19.1640


 224.8280, 32.5990,  
-1.5850

 31.3950, 62.5800,  
22.2600

 244.9290, 15.9570,  
-8.3550

 22.7240, 45.2960,  
16.1120

 253.5180, 4.1730,  
-4.0430

 15.1780, 29.1580,  
11.2220

 0.0000, 0.0000,

0.0000

■ 139.4320, 78.3530,  
17.2410

■ 139.4320, 78.3530,  
17.2410

■ 125.7710, 90.6400,  
20.3360

■ 153.2070, 65.7450,  
14.4570

■ 112.5830,  
102.9730, 22.5970

■ 166.2810, 53.7330,  
11.8850

■ 98.9220, 115.2600,  
25.6920

■ 180.0560, 41.1250,  
9.1010

■ 90.1680, 123.3750,  
27.3030

■ 193.1300, 29.1130,  
6.5290

■ 206.9050, 16.5050,  
3.7450

■ 220.5660, 4.2180,  
0.6500

■ 233.7540, -8.1150,  
-1.6110

■ 246.0300,  
-17.8800, -6.3600

# Harmonies

## Analogous

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



140.1380, 71.3340, 39.8300



139.4320, 78.3530, 17.2410



138.5820, 68.0420, -10.6620

# Triad

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



139.4320, 78.3530, 17.2410



108.1240, -78.4840, -53.4280



131.1490, -77.3500, 14.1540

# Complementary

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



139.4320, 78.3530, 17.2410



167.5680, -78.3530, -17.2410

# 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.



118.9490, -118.6100, -9.0260



139.4320, 78.3530, 17.2410



115.2260, -95.7260, -38.3020

# Square

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



139.4320, 78.3530, 17.2410



129.0840, -1.9180, -42.3500



119.5240, -110.5840, -22.3280



146.3170, -6.7010, 38.8590



# Rectangle

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



139.4320, 78.3530, 17.2410



136.0710, 52.8230, -26.7050



119.5240, -110.5840, -22.3280



114.4640, -118.3820, -2.1420

# Sweetspot

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



139.4320, 78.3530, 17.2410



226.0480, 26.4080, 5.9920



138.3230, 47.0290, 67.3250



109.9050, 16.5050, 3.7450



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.



139.4320, 78.3530, 17.2410



138.9640, 106.2740, 23.3460



180.5220, 59.1030, -19.3690



105.4630, 6.0060, 1.2860



70.8210, 96.3710, 21.0990



19.0480, 26.4080, 5.9920



# Inverse Universe

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



167.5680, -78.3530, -17.2410



177.0360, -106.2740, -23.3460



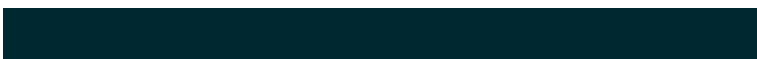
126.4780, -59.1030, 19.3690



107.5370, -6.0060, -1.2860



105.1790, -96.3710, -21.0990

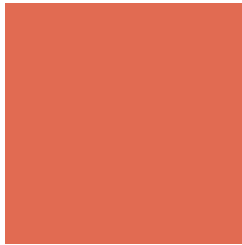


28.9520, -26.4080, -5.9920



# Previews

## White Background



This preview shows how the YIQ color 139.4320, 78.3530, 17.2410 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 139.4320, 78.3530, 17.2410 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

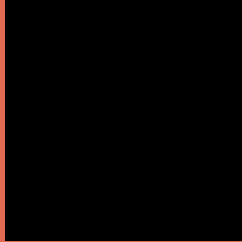
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

# YIQ 139.4320, 78.3530, 17.2410

## Background



This preview shows how black text looks on a background with the YIQ color 139.4320, 78.3530, 17.2410.



This preview shows how white text looks on a background with the YIQ color 139.4320, 78.3530,



# 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

139.4320, 78.3530, 17.2410

### Protanopia

141.2300, 22.2390, -12.0730

### Deuteranopia

140.8210, 42.5040, -10.3920



## Tritanopia

140.8740, 71.6570, 28.4650

# Trichromacy



## Original Color

139.4320, 78.3530, 17.2410

## Protanomaly

140.5040, 42.3190, -1.5290

## Deuteranomaly

139.9740, 55.6150, -0.2010

## Tritanomaly

140.0220, 73.9960, 24.6200

# Monochromacy



## Original Color

139.4320, 78.3530, 17.2410

## Achromatopsia

139.0000, -0.0000, 0.0000

## Achromatomaly

138.8310, 28.5170, 6.3170

# CSS Examples

## Text

The CSS property to change the color of the text to YIQ 139.4320, 78.3530, 17.2410 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(225, 107, 82)` looks like.

```
.text, #text, p{  
    color:rgb(225, 107, 82)  
}
```

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(225, 107, 82) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 107, 82) }
```

## Border

The CSS property to change the border of an element to YIQ 139.4320, 78.3530, 17.2410 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(225, 107, 82) }
```



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

```
.border{ border-color:rgb(225, 107, 82) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 107, 82)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 107, 82); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 107, 82);  
box-shadow:4px 4px 4px 4px rgb(225, 107,  
82) }
```

# Background

The CSS property to change the background color of an element to YIQ 139.4320, 78.3530, 17.2410 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 107, 82) }
```

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

```
.background{ background-color: rgb(225,  
107, 82) }
```

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