

# Converting Colors

YIQ(133.9220, 79.7290, 14.3290)

Have a look what the booklet for  
YIQ(133.9220, 79.7290, 14.3290)  
contains.

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# Color

**YIQ(133.9220, 79.7290,  
14.3290)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	DB6746
RGB	219, 103, 70
RGB Percent	86%, 40%, 27%
CMY	0.1409, 0.5962, 0.7251
CMYK	0.00, 0.53, 0.68, 0.14
HSL	13°, 67%, 57%
HSV	13°, 68%, 86%
XYZ	35.1867, 25.2043, 8.8192
YIQ	133.9220, 79.7290, 14.3290

# Conversions

## Conversions Part 2

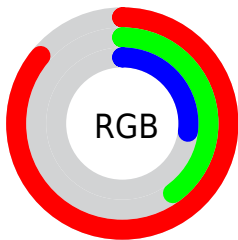
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">219, 112, 70</a>
Decimal	<a href="#">14378822</a>
<a href="#">CIELab</a>	<a href="#">57.27, 43.18, 39.80</a>
<a href="#">CIElCh</a>	<a href="#">57, 58.727, 42.666</a>
<a href="#">Yxy</a>	<a href="#">25.2043, 0.5084, 0.3642</a>
<a href="#">Android (android.graphics.Color)</a>	<a href="#">4292568902 (0xFFDB6746)</a>
<a href="#">YUV</a>	<a href="#">133.9220, -31.5135, 74.6134</a>
<a href="#">Hunter-Lab</a>	<a href="#">50.2038, 37.2496, 24.7274</a>

# Details

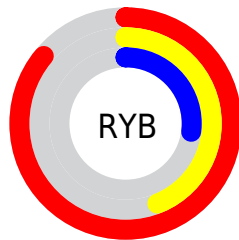
The YIQ color **133.9220, 79.7290, 14.3290** is a dark color, and the websafe version is hex **CC6633**. The color can be described as dark muted orange. A complement of this color would be **155.0780, -79.7290, -14.3290**, and the grayscale version is **134.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **181.9700, 70.6060, 8.9580**, and **79.9150, 72.4390, 14.2870** is the 20% darker color. If you saturate the color by 10%, you get **121.4350, 91.4660, 16.3780**, and if you desaturate by 10%, it is **146.4090, 67.9920, 12.2800**.

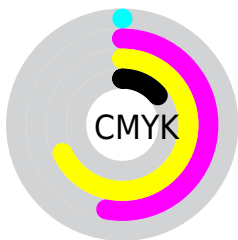
# Distribution



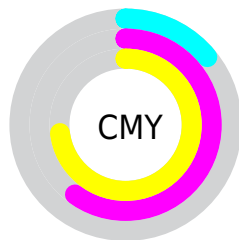
- Red (86%)
- Green (40%)
- Blue (27%)



- Red (86%)
- Yellow (44%)
- Blue (27%)



- Cyan (0%)
- Magenta (53%)
- Yellow (68%)
- Black (14%)




- Cyan (14%)
- Magenta (60%)
- Yellow (73%)


# Brightness & Saturation Gradients

These gradients show how the YIQ color 133.9220, 79.7290, 14.3290 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 133.9220, 79.7290, 14.3290 by changing the saturation by 10% instead.




 133.9220, 79.7290,  
14.3290


 133.9220, 79.7290,  
14.3290


255.0000, -0.0000,  
-0.0000

 106.7690, 75.7860,  
14.2020


 182.0840, 70.2850,  
9.2690


 79.9150, 72.4390,  
14.2870


 200.8970, 54.5140,  
3.2340


 51.7730, 69.9630,  
15.1070


 220.8840, 38.1930,  
-3.8470

 29.6010, 59.0040,  
20.9880

 240.5120, 21.5050,  
-9.7830

 20.9300, 41.7200,  
14.8400

 251.9220, 8.6670,  
-8.3970

 13.2700, 25.9030,  
9.6390

 0.0000, 0.0000,

0.0000

■ 133.9220, 79.7290,  
14.3290

■ 133.9220, 79.7290,  
14.3290

■ 121.4350, 91.4660,  
16.3780

■ 146.4090, 67.9920,  
12.2800

■ 108.9480,  
103.2030, 18.4270

■ 158.8960, 56.2550,  
10.2310

■ 96.4610, 114.9400,  
20.4760

■ 171.3830, 44.5180,  
8.1820

■ 93.6570, 117.3240,  
21.3240

■ 183.8700, 32.7810,  
6.1330

■ 196.3570, 21.0440,  
4.0840

■ 208.8440, 9.3070,  
2.0350

■ 221.2170, -2.1090,  
-0.3250

■ 234.2910,  
-14.1210, -2.8970

■ 244.2360,  
-21.4560, -7.6320

# Harmonies

## Analogous

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



133.8780, 75.0020, 39.4340



133.9220, 79.7290, 14.3290



132.6480, 67.6760, -15.0440

# Triad

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



133.9220, 79.7290, 14.3290



105.8900, -77.7050, -51.0250



128.7910, -70.2900, 18.3660

# Complementary

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



133.9220, 79.7290, 14.3290



155.0780, -79.7290, -14.3290

# 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.



115.4270, -116.9600, -5.8880



133.9220, 79.7290, 14.3290



113.1060, -95.2680, -35.5880

# Square

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



133.9220, 79.7290, 14.3290



122.1970, -9.6660, -45.1060



117.4040, -110.1260, -19.6140



141.4320, 0.4050, 42.2370



# Rectangle

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



133.9220, 79.7290, 14.3290



130.0120, 51.3110, -32.3450



117.4040, -110.1260, -19.6140



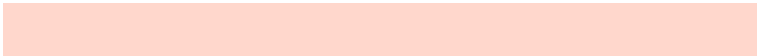
110.7140, -116.0900, 0.3740

# Sweetspot

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



133.9220, 79.7290, 14.3290



225.7060, 27.3710, 5.0590



127.8890, 51.2470, 67.9750



110.3780, 16.5510, 2.9110



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.



133.9220, 79.7290, 14.3290



135.4930, 111.9140, 20.2500



177.3600, 59.3790, -24.3730



103.4630, 6.0060, 1.2860



74.0330, 92.6580, 16.8020



19.6240, 24.6660, 4.5220



# Inverse Universe

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



155.0780, -79.7290, -14.3290



165.5070, -111.9140, -20.2500



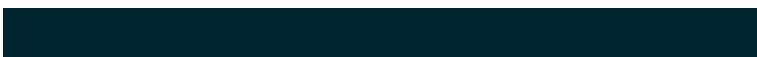
111.6400, -59.3790, 24.3730



104.9500, -5.7310, -0.7630



98.9670, -92.6580, -16.8020

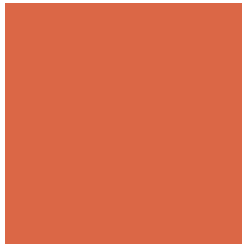


26.3760, -24.6660, -4.5220



# Previews

## White Background



This preview shows how the YIQ color 133.9220, 79.7290, 14.3290 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 133.9220, 79.7290, 14.3290 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

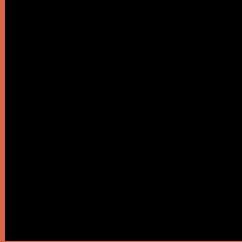
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

# YIQ 133.9220, 79.7290, 14.3290

## Background



This preview shows how black text looks on a background with the YIQ color 133.9220, 79.7290, 14.3290.



This preview shows how white text looks on a background with the YIQ color 133.9220, 79.7290,



# 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

133.9220, 79.7290, 14.3290

### Protanopia

135.5030, 25.7240, -14.6600

### Deuteranopia

135.3220, 45.3470, -12.3570



## Tritanopia

135.5750, 71.0610, 28.2530

# Trichromacy



## Original Color

133.9220, 79.7290, 14.3290

## Protanomaly

134.8910, 45.4830, -3.8050

## Deuteranomaly

134.7630, 57.5870, -2.9010

## Tritanomaly

134.9680, 74.0880, 22.9520

# Monochromacy



## Original Color

133.9220, 79.7290, 14.3290

## Achromatopsia

134.0000, -0.0000, -0.0000

## Achromatomaly

134.1900, 28.8840, 5.1720

# CSS Examples

## Text

The CSS property to change the color of the text to YIQ 133.9220, 79.7290, 14.3290 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(219, 103, 70)` looks like.

```
.text, #text, p{  
    color:rgb(219, 103, 70)  
}
```

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(219, 103, 70) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 103, 70) }
```

## Border

The CSS property to change the border of an element to YIQ 133.9220, 79.7290, 14.3290 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(219, 103, 70) }
```



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

```
.border{ border-color:rgb(219, 103, 70) }
```

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

Here you see how a box with a 4 pixel rgb(219, 103, 70) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 103, 70); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 103, 70);  
box-shadow:4px 4px 4px 4px rgb(219, 103,  
70) }
```

# Background

The CSS property to change the background color of an element to YIQ 133.9220, 79.7290, 14.3290 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 103, 70) }
```

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

```
.background{ background-color: rgb(219,  
103, 70) }
```

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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