

Converting Colors

YIQ(149.8240, 73.9530, 8.8730)

Have a look what the booklet for
YIQ(149.8240, 73.9530, 8.8730)
contains.

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Color

**YIQ(149.8240, 73.9530,
8.8730)**

Conversions

Conversions Part 1

Format	Color
Hex	E27C53
RGB	226, 124, 83
RGB Percent	89%, 49%, 33%
CMY	0.1135, 0.5139, 0.6742
CMYK	0.00, 0.45, 0.63, 0.11
HSL	17°, 71%, 61%
HSV	17°, 63%, 89%
XYZ	40.1482, 31.2081, 12.1081
YIQ	149.8240, 73.9530, 8.8730

Conversions

Conversions Part 2

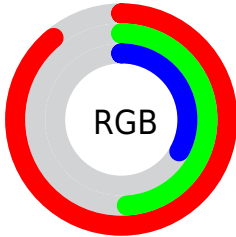
Format	Color
R _Y B	226, 140, 83
Decimal	14842963
CIE Lab	62.68, 36.01, 39.48
CIE LCh	63, 53.436, 47.637
Yxy	31.2081, 0.4810, 0.3739
Android (android.graphics.Color)	4293033043 (0xFFE27C53)
YUV	149.8240, -32.9442, 66.8064
Hunter-Lab	55.8642, 30.5213, 26.2543

Details

The YIQ color **149.8240, 73.9530, 8.8730** 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 **159.1760, -73.9530, -8.8730**, and the grayscale version is **150.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **196.0070, 60.0160, 2.6400**, and **96.5890, 67.3050, 8.2090** is the 20% darker color. If you saturate the color by 10%, you get **137.8100, 85.7360, 10.0880**, and if you desaturate by 10%, it is **161.8380, 62.1700, 7.6580**.

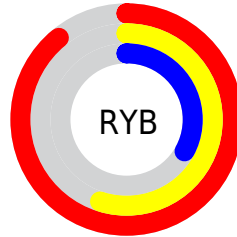
Distribution



Red (89%)

Green (49%)

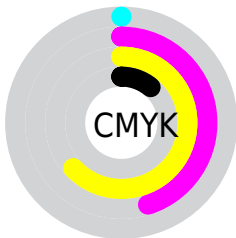
Blue (33%)



Red (89%)

Yellow (55%)

Blue (33%)

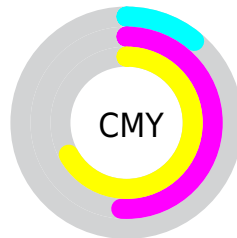


Cyan (0%)

Magenta (45%)

Yellow (63%)

Black (11%)



Cyan (11%)


Magenta (51%)


Yellow (67%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 149.8240, 73.9530, 8.8730 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 149.8240, 73.9530, 8.8730 by changing the saturation by 10% instead.


 149.8240, 73.9530,
8.8730


 149.8240, 73.9530,
8.8730


255.0000, -0.0000,
-0.0000


 122.8560, 70.9270,
8.6470


 196.0070, 60.0160,
2.6400


 96.5890, 67.3050,
8.2090


 215.4070, 43.9700,
-3.9180


 70.3220, 63.6830,
7.7710


 234.9210, 27.6030,
-10.1650

 44.9070, 57.7220,
11.1780

 250.4400, 12.8400,
-12.4400

 23.3220, 46.4880,
16.5360

 253.7460, 3.5310,
-3.4210

 15.5480, 30.9920,
11.0240

 3.5880, 7.1520,

2.5440

■ 0.0000, 0.0000,
0.0000

■ 149.8240, 73.9530,
8.8730

■ 149.8240, 73.9530,
8.8730

■ 137.8100, 85.7360,
10.0880

■ 161.8380, 62.1700,
7.6580

■ 125.9100, 97.1980,
11.6140

■ 173.7380, 50.7080,
6.1320

■ 113.8960,
108.9810, 12.8290

■ 185.7520, 38.9250,
4.9170

■ 105.7290,
116.8210, 13.9170

■ 198.3530, 26.8670,
3.1790

■ 210.2530, 15.4050,
1.6530

■ 222.2670, 3.6220,
0.4380

■ 234.1670, -7.8400,
-1.0880

■ 245.1550,
-16.7340, -5.1020

■ 246.3290,
-17.2840, -6.1480

Harmonies

Analogous

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



150.8680, 71.7940, 31.4900



149.8240, 73.9530, 8.8730



147.9290, 59.5150, -15.8210

Triad

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



149.8240, 73.9530, 8.8730



116.9580, -89.5800, -50.5720



149.4580, -47.1830, 23.6090

Complementary

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



149.8240, 73.9530, 8.8730



159.1760, -73.9530, -8.8730

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.



122.9100, -122.8740, -8.8420



149.8240, 73.9530, 8.8730



123.1310, -105.5840, -35.8560

Square

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



149.8240, 73.9530, 8.8730



137.0100, -16.2690, -41.0770



126.1580, -118.2410, -21.2250



156.5700, 8.7040, 40.5120

Rectangle

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



149.8240, 73.9530, 8.8730



145.5580, 41.0860, -28.7540



126.1580, -118.2410, -21.2250



142.9710, -70.9770, 14.2950

Sweetspot

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



149.8240, 73.9530, 8.8730



228.9830, 25.0330, 3.3770



137.4990, 52.1650, 62.3490



112.2530, 15.4050, 1.6530



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.



149.8240, 73.9530, 8.8730



151.8780, 100.2240, 11.8400



191.5010, 54.4280, -28.2600



106.0500, 5.7310, 0.7630



81.9740, 91.1460, 11.1620



22.5700, 24.7580, 2.8540

Inverse Universe

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



159.1760, -73.9530, -8.8730



164.7090, -100.4990, -12.3630



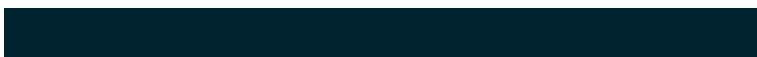
117.4990, -54.4280, 28.2600



106.9500, -5.7310, -0.7630



94.0260, -91.1460, -11.1620



26.0170, -25.0330, -3.3770

Previews

White Background



This preview shows how the YIQ color 149.8240, 73.9530, 8.8730 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 149.8240, 73.9530, 8.8730 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 149.8240, 73.9530, 8.8730

Background



This preview shows how black text looks on a background with the YIQ color 149.8240, 73.9530, 8.8730.



This preview shows how white text looks on a background with the YIQ color 149.8240, 73.9530,

8.8730.

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

149.8240, 73.9530, 8.8730

Protanopia

149.4600, 27.2830, -15.3810

Deuteranopia

150.0340, 46.2180, -11.6220



Tritanopia

152.2150, 63.2670, 26.3310

Trichromacy



Original Color

149.8240, 73.9530, 8.8730

Protanomaly

149.7120, 44.4290, -6.7310

Deuteranomaly

149.6380, 56.4410, -4.1590

Tritanomaly

151.2660, 67.2570, 20.0970

Monochromacy



Original Color

149.8240, 73.9530, 8.8730

Achromatopsia

150.0000, -0.0000, -0.0000

Achromatomaly

150.3530, 26.8670, 3.1790

CSS Examples

Text

The CSS property to change the color of the text to YIQ 149.8240, 73.9530, 8.8730 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(226, 124, 83)` looks like.

```
.text, #text, p{  
    color:rgb(226, 124, 83)  
}
```

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(226, 124, 83) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 124, 83) }
```

Border

The CSS property to change the border of an element to YIQ 149.8240, 73.9530, 8.8730 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(226, 124, 83) }
```


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

```
.border{ border-color:rgb(226, 124, 83) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 124, 83)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 124, 83); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 124, 83);  
box-shadow:4px 4px 4px 4px rgb(226, 124,  
83) }
```

Background

The CSS property to change the background color of an element to YIQ 149.8240, 73.9530, 8.8730 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 124, 83) }
```

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

```
.background{ background-color: rgb(226,  
124, 83) }
```

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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