

Converting Colors

YIQ(139.8960, 73.4500, 1.4660)

Have a look what the booklet for
YIQ(139.8960, 73.4500, 1.4660)
contains.

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Color

**YIQ(139.8960, 73.4500,
1.4660)**

Conversions

Conversions Part 1

Format	Color
Hex	D3773D
RGB	211, 119, 61
RGB Percent	83%, 47%, 24%
CMY	0.1724, 0.5335, 0.7604
CMYK	0.00, 0.44, 0.71, 0.17
HSL	23°, 63%, 53%
HSV	23°, 71%, 83%
XYZ	34.3142, 27.3780, 7.9029
YIQ	139.8960, 73.4500, 1.4660

Conversions

Conversions Part 2

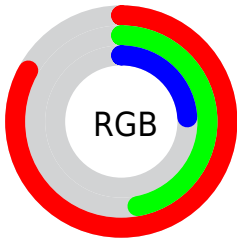
Format	Color
RYB	211, 156, 61
Decimal	13858621
CIELab	59.32, 31.36, 46.44
CIElCh	59, 56.036, 55.970
Yxy	27.3780, 0.4931, 0.3934
Android (android.graphics.Color)	4292048701 (0xFFD3773D)
YUV	139.8960, -38.8957, 62.3582
Hunter-Lab	52.3240, 25.4935, 27.6717

Details

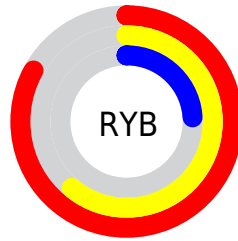
The YIQ color **139.8960, 73.4500, 1.4660** is a dark color, and the websafe version is hex **CC6633**. The color can be described as dark muted orange. A complement of this color would be **132.1040, -73.4500, -1.4660**, and the grayscale version is **140.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **189.8630, 69.0490, -1.3750**, and **86.7920, 67.8110, -0.9650** is the 20% darker color. If you saturate the color by 10%, you get **129.8710, 83.7660, 1.7340**, and if you desaturate by 10%, it is **149.9210, 63.1340, 1.1980**.

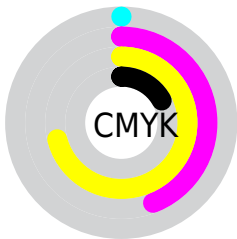
Distribution



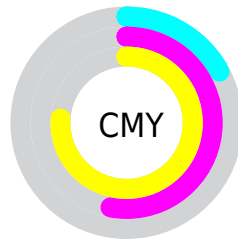
- Red (83%)
- Green (47%)
- Blue (24%)



- Red (83%)
- Yellow (61%)
- Blue (24%)



- Cyan (0%)
- Magenta (44%)
- Yellow (71%)
- Black (17%)



- Cyan (17%)
- Magenta (53%)
- Yellow (76%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 139.8960, 73.4500, 1.4660 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 139.8960, 73.4500, 1.4660 by changing the saturation by 10% instead.


 139.8960, 73.4500,
1.4660


 139.8960, 73.4500,
1.4660


255.0000, -0.0000,
-0.0000

 113.5150, 70.1490,
0.7170


 189.8630, 69.0490,
-1.3750


 86.7920, 67.8110,
-0.9650


 209.2630, 53.0030,
-7.9330


 62.8930, 60.3370,
2.3290


 228.7770, 36.6360,
-14.1800

 40.1340, 49.6530,
8.7330

 247.8180, 20.2230,
-19.5930

 19.4350, 38.7400,
13.7800

 251.0100, 11.2350,
-10.8850

 12.3730, 24.1150,
9.0030

 254.2020, 2.2470,

 0.0000, 0.0000,

-2.1770

0.0000

■ 139.8960, 73.4500,
1.4660

■ 139.8960, 73.4500,
1.4660

■ 129.8710, 83.7660,
1.7340

■ 149.9210, 63.1340,
1.1980

■ 119.8460, 94.0820,
2.0020

■ 159.9460, 52.8180,
0.9300

■ 110.6360,
103.4810, 2.3690

■ 169.9710, 42.5020,
0.6620

■ 180.1100, 31.8650,
0.7050

■ 190.1350, 21.5490,
0.4370

■ 200.1600, 11.2330,
0.1690

■ 210.1850, 0.9170,
-0.0990

■ 220.2100, -9.3990,
-0.3670

■ 230.2350,
-19.7150, -0.6350

Harmonies

Analogous

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



140.6850, 76.5630, 27.6590



139.8960, 73.4500, 1.4660



137.4350, 54.7940, -23.8780

Triad

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



139.8960, 73.4500, 1.4660



112.7180, -88.6640, -45.1440



143.9870, -32.3750, 30.5770

Complementary

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



139.8960, 73.4500, 1.4660



132.1040, -73.4500, -1.4660

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.



115.5240, -118.6110, -3.4990



139.8960, 73.4500, 1.4660



118.5320, -105.0350, -29.2830

Square

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



139.8960, 73.4500, 1.4660



122.7240, -36.0750, -45.5710



120.0430, -116.1790, -14.5390



147.0340, 22.1370, 44.8650

Rectangle

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



139.8960, 73.4500, 1.4660



134.2640, 32.9260, -35.0580



120.0430, -116.1790, -14.5390



138.6250, -55.0230, 22.5210

Sweetspot

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



139.8960, 73.4500, 1.4660



229.4730, 26.4090, 0.4650



116.4520, 59.5470, 60.7230



112.6120, 15.7720, 0.5080



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.



139.8960, 73.4500, 1.4660



152.1910, 106.2320, 2.0720



183.9210, 52.8250, -37.7590



99.6370, 5.4560, 0.2400



88.3870, 82.2530, 1.6210



21.6510, 20.0360, 0.3240

Inverse Universe

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



132.1040, -73.4500, -1.4660



140.8090, -106.2320, -2.0720



88.6660, -53.1000, 37.2360



99.3630, -5.4560, -0.2400



79.6130, -82.2530, -1.6210



19.3490, -20.0360, -0.3240

Previews

White Background



This preview shows how the YIQ color 139.8960, 73.4500, 1.4660 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 139.8960, 73.4500, 1.4660 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 139.8960, 73.4500, 1.4660

Background



This preview shows how black text looks on a background with the YIQ color 139.8960, 73.4500, 1.4660.



This preview shows how white text looks on a background with the YIQ color 139.8960, 73.4500,

1.4660.

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

139.8960, 73.4500, 1.4660

Protanopia

139.3480, 33.2900, -19.6220

Deuteranopia

139.5520, 50.3910, -15.6650



Tritanopia

143.4100, 58.2240, 24.1120

Trichromacy



Original Color

139.8960, 73.4500, 1.4660

Protanomaly

139.4040, 48.0520, -11.8200

Deuteranomaly

139.7320, 58.8720, -9.6720

Tritanomaly

142.4780, 63.5440, 15.8000

Monochromacy



Original Color

139.8960, 73.4500, 1.4660

Achromatopsia

140.0000, 0.0000, 0.0000

Achromatomaly

139.7720, 27.0050, 0.6770

CSS Examples

Text

The CSS property to change the color of the text to YIQ 139.8960, 73.4500, 1.4660 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(211, 119, 61)` looks like.

```
.text, #text, p{  
    color:rgb(211, 119, 61)  
}
```

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(211, 119, 61) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 119, 61) }
```

Border

The CSS property to change the border of an element to YIQ 139.8960, 73.4500, 1.4660 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(211, 119, 61) }
```


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

```
.border{ border-color:rgb(211, 119, 61) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 119, 61)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 119, 61); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 119, 61);  
box-shadow:4px 4px 4px 4px rgb(211, 119,  
61) }
```

Background

The CSS property to change the background color of an element to YIQ 139.8960, 73.4500, 1.4660 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 119, 61) }
```

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

```
.background{ background-color: rgb(211,  
119, 61) }
```

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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