

Converting Colors

YIQ(139.3280, 80.7410, -4.0190)

Have a look what the booklet for
YIQ(139.3280, 80.7410, -4.0190)
contains.

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Color

**YIQ(139.3280, 80.7410,
-4.0190)**

Conversions

Conversions Part 1

Format	Color
Hex	D6782B
RGB	214, 120, 43
RGB Percent	84%, 47%, 17%
CMY	0.1606, 0.5295, 0.8310
CMYK	0.00, 0.44, 0.80, 0.16
HSL	27°, 68%, 50%
HSV	27°, 80%, 84%
XYZ	34.8942, 27.9014, 5.8412
YIQ	139.3280, 80.7410, -4.0190

Conversions

Conversions Part 2

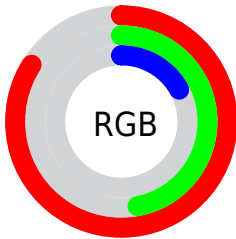
Format	Color
R_{YB}	214, 183, 43
Decimal	14055467
CIE Lab	59.80, 31.30, 55.26
CIE LCh	60, 63.507, 60.473
Yxy	27.9014, 0.5084, 0.4065
Android (android.graphics.Color)	4292245547 (0xFFD6782B)
YUV	139.3280, -47.4897, 65.4873
Hunter-Lab	52.8218, 25.4793, 30.4187

Details

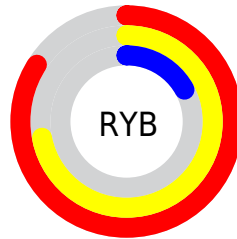
The YIQ color **139.3280, 80.7410, -4.0190** is a dark color, and the websafe version is hex **CC6600**. The color can be described as dark washed orange. A complement of this color would be **117.6720, -80.7410, 4.0190**, and the grayscale version is **140.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **188.5120, 74.2310, -7.1850**, and **86.8370, 71.9380, -4.1740** is the 20% darker color. If you saturate the color by 10%, you get **129.8900, 90.7820, -4.2740**, and if you desaturate by 10%, it is **148.8800, 70.3790, -3.4530**.

Distribution



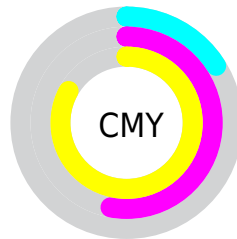
- Red (84%)
- Green (47%)
- Blue (17%)



- Red (84%)
- Yellow (72%)
- Blue (17%)



- Cyan (0%)
- Magenta (44%)
- Yellow (80%)
- Black (16%)





- Cyan (16%)
- Magenta (53%)
- Yellow (83%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 139.3280, 80.7410, -4.0190 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 139.3280, 80.7410, -4.0190 by changing the saturation by 10% instead.


 139.3280, 80.7410,
-4.0190


 139.3280, 80.7410,
-4.0190


255.0000, -0.0000,
-0.0000


 112.0780, 78.4490,
-6.5350


 188.6260, 73.9100,
-6.8740


 86.8370, 71.9380,
-4.1740


 208.0260, 57.8640,
-13.4320


 64.0780, 61.2540,
2.2300


 227.4260, 41.8180,
-19.9900

 41.0200, 49.9740,
8.4220

 245.8800, 25.6800,
-24.8800

 19.7340, 39.3360,
13.9920

 249.0720, 16.6920,
-16.1720

 12.9710, 25.3070,
9.4270

 252.2640, 7.7040,

 0.0000, 0.0000,

-7.4640

0.0000

■ 139.3280, 80.7410,
-4.0190

■ 139.3280, 80.7410,
-4.0190

■ 129.8900, 90.7820,
-4.2740

■ 148.8800, 70.3790,
-3.4530

■ 120.3380,
101.1440, -4.8400

■ 158.3180, 60.3380,
-3.1980

■ 167.1690, 50.5720,
-2.4200

■ 176.7210, 40.2100,
-1.8540

■ 186.1590, 30.1690,
-1.5990

■ 195.7110, 19.8070,
-1.0330

■ 204.5620, 10.0410,
-0.2550

■ 214.0000, -0.0000,
0.0000

■ 223.5520,
-10.3620, 0.5660

Harmonies

Analogous

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



139.0730, 87.1540, 28.4500



139.3280, 80.7410, -4.0190



135.0530, 61.2610, -36.4590

Triad

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



139.3280, 80.7410, -4.0190



116.0920, -92.6530, -44.4370



146.2530, -27.0120, 38.0120

Complementary

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



139.3280, 80.7410, -4.0190



117.6720, -80.7410, 4.0190

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.



117.1200, -123.1050, 0.8550



139.3280, 80.7410, -4.0190



122.4760, -110.6290, -27.0210

Square

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



139.3280, 80.7410, -4.0190



107.2460, -73.2560, -60.0720



123.7420, -122.4610, -10.8210



146.6490, 33.8270, 53.2750

Rectangle

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



139.3280, 80.7410, -4.0190



132.4560, 31.9650, -45.1790



123.7420, -122.4610, -10.8210



141.0970, -53.2360, 28.6840

Sweetspot

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



139.3280, 80.7410, -4.0190



228.0880, 28.9310, -1.1890



105.1870, 70.7790, 66.4190



111.4550, 17.6520, -0.5240



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.



139.3280, 80.7410, -4.0190



147.8250, 115.7700, -5.5900



188.0490, 57.9160, -47.4280



102.2240, 5.1810, -0.2830



96.3280, 80.7410, -4.0190



24.0100, 20.4030, -0.8210

Inverse Universe

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



117.6720, -80.7410, 4.0190



117.1750, -115.7700, 5.5900



68.9510, -57.9160, 47.4280



100.7760, -5.1810, 0.2830



74.6720, -80.7410, 4.0190



18.9900, -20.4030, 0.8210

Previews

White Background



This preview shows how the YIQ color 139.3280, 80.7410, -4.0190 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 139.3280, 80.7410, -4.0190 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 139.3280, 80.7410, -4.0190

Background



This preview shows how black text looks on a background with the YIQ color 139.3280, 80.7410, -4.0190.



This preview shows how white text looks on a background with the YIQ color 139.3280, 80.7410, -4.0190.

-4.0190.

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

139.3280, 80.7410, -4.0190

Protanopia

139.2530, 40.6270, -25.9410

Deuteranopia

139.0550, 58.9200, -21.5600



Tritanopia

144.6060, 60.6080, 24.9600

Trichromacy



Original Color

139.3280, 80.7410, -4.0190

Protanomaly

139.3090, 55.3890, -18.1390

Deuteranomaly

139.3490, 67.0800, -15.2560

Tritanomaly

142.8760, 68.1750, 14.4710

Monochromacy



Original Color

139.3280, 80.7410, -4.0190

Achromatopsia

139.0000, -0.0000, 0.0000

Achromatomaly

138.9740, 29.2520, -1.5000

CSS Examples

Text

The CSS property to change the color of the text to YIQ 139.3280, 80.7410, -4.0190 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(214, 120, 43)` looks like.

```
.text, #text, p{  
    color:rgb(214, 120, 43)  
}
```

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(214, 120, 43) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 120, 43) }
```

Border

The CSS property to change the border of an element to YIQ 139.3280, 80.7410, -4.0190 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(214, 120, 43) }
```


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

```
.border{ border-color:rgb(214, 120, 43) }
```

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

Here you see how a box with a 4 pixel rgb(214, 120, 43) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 120, 43); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 120, 43);  
box-shadow:4px 4px 4px 4px rgb(214, 120,  
43) }
```

Background

The CSS property to change the background color of an element to YIQ 139.3280, 80.7410, -4.0190 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 120, 43) }
```

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

```
.background{ background-color: rgb(214,  
120, 43) }
```

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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