

Converting Colors

YIQ(131.2800, 89.8640, 1.3520)

Have a look what the booklet for
YIQ(131.2800, 89.8640, 1.3520)
contains.

YIQ(131.2800, 89.8640, 1.3520)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(131.2800, 89.8640,
1.3520)**

Conversions

Conversions Part 1

Format	Color
Hex	DA6A22
RGB	218, 106, 34
RGB Percent	85%, 42%, 13%
CMY	0.1449, 0.5845, 0.8662
CMYK	0.00, 0.51, 0.84, 0.14
HSL	23°, 73%, 49%
HSV	23°, 84%, 86%
XYZ	34.3698, 25.3286, 4.5988
YIQ	131.2800, 89.8640, 1.3520

Conversions

Conversions Part 2

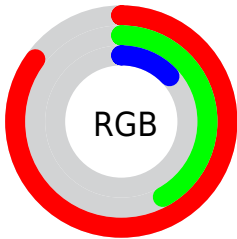
Format	Color
RYB	218, 152, 34
Decimal	14314018
CIELab	57.39, 39.86, 56.89
CIELCh	57, 69.468, 54.981
Yxy	25.3286, 0.5345, 0.3939
Android (android.graphics.Color)	4292504098 (0xFFDA6A22)
YUV	131.2800, -47.9590, 76.0534
Hunter-Lab	50.3275, 33.8285, 29.8115

Details

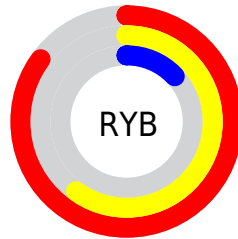
The YIQ color **131.2800, 89.8640, 1.3520** is a dark color, and the websafe version is hex **CC6600**. The color can be described as dark washed orange. A complement of this color would be **120.7200, -89.8640, -1.3520**, and the grayscale version is **132.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **179.3820, 80.6490, -2.3510**, and **78.9290, 77.8510, 4.3070** is the 20% darker color. If you saturate the color by 10%, you get **121.1410, 100.5010, 1.3090**, and if you desaturate by 10%, it is **141.4190, 79.2270, 1.3950**.

Distribution



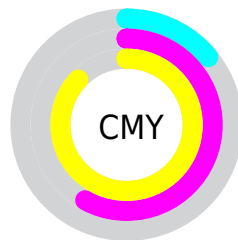
- Red (85%)
- Green (42%)
- Blue (13%)



- Red (85%)
- Yellow (60%)
- Blue (13%)



- Cyan (0%)
- Magenta (51%)
- Yellow (84%)
- Black (14%)



- Cyan (14%)
- Magenta (58%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 131.2800, 89.8640, 1.3520 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 131.2800, 89.8640, 1.3520 by changing the saturation by 10% instead.

131.2800, 89.8640,
1.3520

131.2800, 89.8640,
1.3520

255.0000, -0.0000,
-0.0000

102.9870, 89.1310,
-1.8850

179.3820, 80.6490,
-2.3510

78.9290, 77.8510,
4.3070

198.7820, 64.6030,
-8.9090

54.6970, 67.1210,
11.5450

218.1820, 48.5570,
-15.4670

28.7040, 57.2160,
20.3520

238.2830, 31.9150,
-22.2370

20.0330, 39.9320,
14.2040

247.9320, 19.9020,
-19.2820

12.3730, 24.1150,
9.0030

251.2380, 10.5930,

0.0000, 0.0000,

-10.2630

0.0000

254.5440, 1.2840,
-1.2440

■ 131.2800, 89.8640,
1.3520

■ 131.2800, 89.8640,
1.3520

■ 121.1410,
100.5010, 1.3090

■ 141.4190, 79.2270,
1.3950

■ 115.0770,
106.5530, 1.7610

■ 152.1450, 68.3150,
0.9150

■ 162.2840, 57.6780,
0.9580

■ 172.3090, 47.3620,
0.6900

■ 182.4480, 36.7250,
0.7330

■ 193.1740, 25.8130,
0.2530

■ 203.3130, 15.1760,
0.2960

■ 213.4520, 4.5390,
0.3390

■ 224.0640, -6.0520,
-0.4520

Harmonies

Analogous

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



129.4040, 93.8920, 38.5000



131.2800, 89.8640, 1.3520



129.5100, 67.4040, -32.1480

Triad

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



131.2800, 89.8640, 1.3520



111.1050, -85.5000, -47.4200



136.4340, -46.6350, 35.7090

Complementary

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



131.2800, 89.8640, 1.3520



120.7200, -89.8640, -1.3520

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.



115.9460, -122.5550, 1.9010



131.2800, 89.8640, 1.3520



118.2870, -105.7230, -27.8270

Square

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



131.2800, 89.8640, 1.3520



101.1020, -64.2230, -64.0870



121.5250, -120.3520, -10.4960



139.8640, 26.0320, 56.8800

Rectangle

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



131.2800, 89.8640, 1.3520



125.4910, 42.0520, -46.2680



121.5250, -120.3520, -10.4960



124.7600, -86.2000, 20.3600

Sweetspot

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



131.2800, 89.8640, 1.3520



224.8110, 31.2690, 0.4930



102.0120, 73.0700, 74.4620



109.4660, 19.1190, 0.4230



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.



131.2800, 89.8640, 1.3520



134.9450, 124.4800, 1.7600



184.6970, 64.8390, -46.2410



104.6370, 5.4560, 0.2400



91.6430, 84.4080, 1.1120



24.3200, 22.4660, 0.3380

Inverse Universe

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



120.7200, -89.8640, -1.3520



120.0550, -124.4800, -1.7600



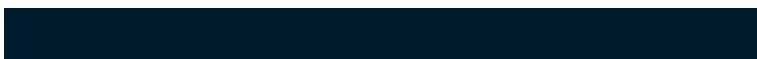
67.8900, -65.1140, 45.7180



103.7760, -5.1810, 0.2830



81.9440, -84.6830, -1.6350



21.6800, -22.4660, -0.3380

Previews

White Background



This preview shows how the YIQ color 131.2800, 89.8640, 1.3520 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 131.2800, 89.8640, 1.3520 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 131.2800, 89.8640, 1.3520

Background



This preview shows how black text looks on a background with the YIQ color 131.2800, 89.8640, 1.3520.



This preview shows how white text looks on a background with the YIQ color 131.2800, 89.8640,

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

131.2800, 89.8640, 1.3520

Protanopia

132.7260, 40.6730, -26.7750

Deuteranopia

131.6160, 61.5340, -24.8820



Tritanopia

136.2760, 70.4650, 28.0410

Trichromacy



Original Color

131.2800, 89.8640, 1.3520

Protanomaly

132.2170, 58.6440, -16.5560

Deuteranomaly

131.6870, 71.9400, -15.2280

Tritanomaly

134.7740, 77.3900, 18.1740

Monochromacy



Original Color

131.2800, 89.8640, 1.3520

Achromatopsia

131.0000, -0.0000, -0.0000

Achromatomaly

131.2950, 32.7820, 0.6060

CSS Examples

Text

The CSS property to change the color of the text to YIQ 131.2800, 89.8640, 1.3520 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(218, 106, 34)` looks like.

```
.text, #text, p{  
    color:rgb(218, 106, 34)  
}
```

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(218, 106, 34) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 106, 34) }
```

Border

The CSS property to change the border of an element to YIQ 131.2800, 89.8640, 1.3520 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(218, 106, 34) }
```


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

```
.border{ border-color:rgb(218, 106, 34) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 106, 34)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 106, 34); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 106, 34);  
box-shadow:4px 4px 4px 4px rgb(218, 106,  
34) }
```

Background

The CSS property to change the background color of an element to YIQ 131.2800, 89.8640, 1.3520 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 106, 34) }
```

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

```
.background{ background-color: rgb(218,  
106, 34) }
```

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