

Converting Colors

YIQ(134.0280, 80.7450,
-26.1270)

Have a look what the booklet for
YIQ(134.0280, 80.7450, -26.1270)
contains.

YIQ(134.0280, 80.7450, -26.1270)	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(134.0280, 80.7450,
-26.1270)**

Conversions

Conversions Part 1

Format	Color
Hex	C38100
RGB	195, 129, 0
RGB Percent	76%, 51%, 0%
CMY	0.2352, 0.4942, 0.9995
CMYK	0.00, 0.34, 1.00, 0.24
HSL	40°, 100%, 38%
HSV	40°, 100%, 76%
XYZ	30.3579, 27.2981, 3.6721
YIQ	134.0280, 80.7450, -26.1270

Conversions

Conversions Part 2

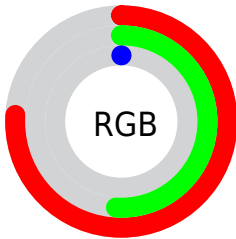
Format	Color
RYB	100, 195, 0
Decimal	12812544
CIELab	59.25, 17.43, 65.12
CIElCh	59, 67.415, 75.015
Yxy	27.2981, 0.4950, 0.4451
Android (android.graphics.Color)	4291002624 (0xFFC38100)
YUV	134.0280, -66.0758, 53.4724
Hunter-Lab	52.2475, 12.2823, 32.4062

Details

The YIQ color **134.0280, 80.7450, -26.1270** is a dark color, and the websafe version is hex **CC9900**. The color can be described as dark washed orange. A complement of this color would be **60.9720, -80.7450, 26.1270**, and the grayscale version is **135.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **190.9450, 79.7810, -19.6670**, and **87.6240, 59.0560, -13.0080** is the 20% darker color. If you saturate the color by 10%, you get **134.0280, 80.7450, -26.1270**, and if you desaturate by 10%, it is **140.4170, 72.4000, -23.5680**.

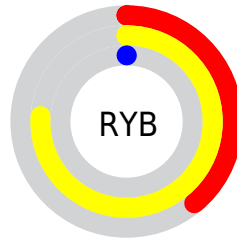
Distribution



Red (76%)

Green (51%)

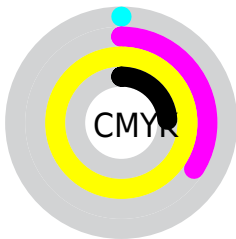
Blue (0%)



Red (39%)

Yellow (76%)

Blue (0%)

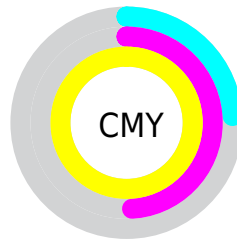


Cyan (0%)

Magenta (34%)

Yellow (100%)

Black (24%)



Cyan (24%)

Magenta (49%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 134.0280, 80.7450, -26.1270 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 134.0280, 80.7450, -26.1270 by changing the saturation by 10% instead.

134.0280, 80.7450,
-26.1270

134.0280, 80.7450,
-26.1270

255.0000, -0.0000,
-0.0000

110.3830, 69.7400,
-19.4120

190.9450, 79.7810,
-19.6670

87.6240, 59.0560,
-13.0080

209.9860, 63.3680,
-25.0800

65.1530, 47.5010,
-7.3390

230.0870, 46.7260,
-31.8500

43.8670, 36.8630,
-1.7690

243.1440, 33.3840,
-32.3440

23.7660, 27.1420,
3.7020

246.3360, 24.3960,
-23.6360

8.1870, 15.7710,
6.0350

249.6420, 15.0870,

0.0000, 0.0000,

-14.6170

0.0000

■ 252.9480, 5.7780,
-5.5980

■ 134.0280, 80.7450,
-26.1270

■ 140.4170, 72.4000,
-23.5680

■ 146.1050, 64.6510,
-20.7970

■ 152.4940, 56.3060,
-18.2380

■ 158.1820, 48.5570,
-15.4670

■ 164.5710, 40.2120,
-12.9080

■ 170.8460, 32.1880,
-10.6600

■ 176.6480, 24.1180,
-7.5780

■ 182.9230, 16.0940,
-5.3300

■ 188.7250, 8.0240,
-2.2480

Harmonies

Analogous

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



136.9680, 91.2830, 14.1870



134.0280, 80.7450, -26.1270



130.2200, 44.2530, -47.6110

Triad

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



134.0280, 80.7450, -26.1270



119.3980, -101.9620, -35.4180



146.6270, 4.5300, 50.0820

Complementary

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



134.0280, 80.7450, -26.1270



60.9720, -80.7450, 26.1270

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.



131.8920, -77.7640, 21.6600



134.0280, 80.7450, -26.1270



123.7930, -118.4710, -17.0550

Square

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



134.0280, 80.7450, -26.1270



111.1560, -81.5100, -53.6540



121.8160, -125.3050, -3.3290



140.9850, 59.3640, 58.5320

Rectangle

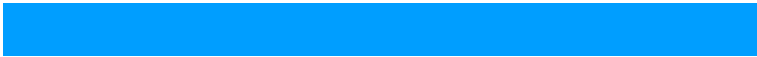
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



134.0280, 80.7450, -26.1270



126.1800, 6.1990, -51.7930



121.8160, -125.3050, -3.3290



145.3190, -18.2100, 43.6940

Sweetspot

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



134.0280, 80.7450, -26.1270



228.7750, 30.9500, -10.2500



66.0570, 94.3920, 62.4880



113.3640, 19.1660, -5.9380



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.



134.0280, 80.7450, -26.1270



173.3770, 104.2670, -33.9170



164.0990, 45.3110, -66.7930



94.0990, 4.0350, -1.5410



110.3610, 66.8060, -21.3060



22.7810, 13.6180, -4.5100

Inverse Universe

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



60.9720, -80.7450, 26.1270



79.2100, -104.5420, 33.3940



30.9010, -45.3110, 66.7930



89.9010, -4.0350, 1.5410



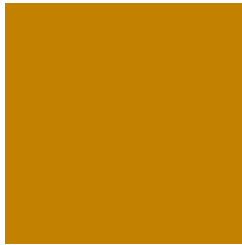
50.0520, -66.5310, 21.8290



10.2190, -13.6180, 4.5100

Previews

White Background



This preview shows how the YIQ color 134.0280, 80.7450, -26.1270 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 134.0280, 80.7450, -26.1270 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 134.0280, 80.7450, -26.1270

Background



This preview shows how black text looks on a background with the YIQ color 134.0280, 80.7450, -26.1270.



This preview shows how white text looks on a background with the YIQ color 134.0280, 80.7450, -26.1270.

-26.1270.

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

134.0280, 80.7450, -26.1270

Protanopia

134.1490, 52.1830, -37.1370

Deuteranopia

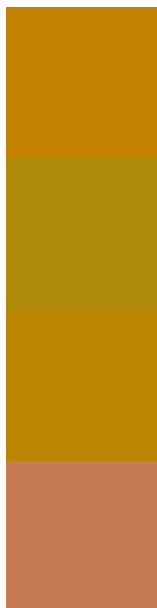
133.9510, 70.4760, -32.7560



Tritanopia

144.9460, 44.7910, 19.7590

Trichromacy



Original Color

134.0280, 80.7450, -26.1270

Protanomaly

134.2320, 62.3150, -33.5330

Deuteranomaly

133.6850, 74.2810, -30.1270

Tritanomaly

140.7510, 57.8610, 3.1490

Monochromacy



Original Color

134.0280, 80.7450, -26.1270

Achromatopsia

134.0000, -0.0000, -0.0000

Achromatomaly

133.8180, 29.3910, -9.5290

CSS Examples

Text

The CSS property to change the color of the text to YIQ 134.0280, 80.7450, -26.1270 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(195, 129, 0)` looks like.

```
.text, #text, p{  
    color:rgb(195, 129, 0)  
}
```

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(195, 129, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 129, 0) }
```

Border

The CSS property to change the border of an element to YIQ 134.0280, 80.7450, -26.1270 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(195, 129, 0) }
```


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

```
.border{ border-color:rgb(195, 129, 0) }
```

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

Here you see how a box with a 4 pixel rgb(195, 129, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 129, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 129, 0);  
box-shadow:4px 4px 4px 4px rgb(195, 129,  
0) }
```

Background

The CSS property to change the background color of an element to YIQ 134.0280, 80.7450, -26.1270 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 129, 0) }
```

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

```
.background{ background-color: rgb(195,  
129, 0) }
```

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