

Converting Colors

YIQ(149.4840, 79.4610,
-24.8830)

Have a look what the booklet for
YIQ(149.4840, 79.4610, -24.8830)
contains.

YIQ(149.4840, 79.4610, -24.8830)	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(149.4840, 79.4610,
-24.8830)**

Conversions

Conversions Part 1

Format	Color
Hex	D29013
RGB	210, 144, 19
RGB Percent	82%, 56%, 7%
CMY	0.1764, 0.4354, 0.9250
CMYK	0.00, 0.31, 0.91, 0.18
HSL	39°, 83%, 45%
HSV	39°, 91%, 82%
XYZ	36.6715, 33.6900, 5.1908
YIQ	149.4840, 79.4610, -24.8830

Conversions

Conversions Part 2

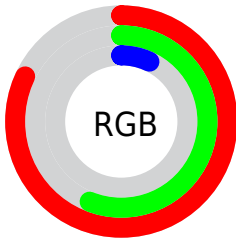
Format	Color
R_{YB}	120, 210, 19
Decimal	13799443
CIE _{Lab}	64.72, 16.09, 66.65
CIE _{LCh}	65, 68.559, 76.430
Yxy	33.6900, 0.4854, 0.4459
Android (android.graphics.Color)	4291989523 (0xFFD29013)
YUV	149.4840, -64.3286, 53.0725
Hunter-Lab	58.0431, 11.2007, 35.3278

Details

The YIQ color **149.4840, 79.4610, -24.8830** 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 **79.5160, -79.4610, 24.8830**, and the grayscale version is **150.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **201.7050, 71.5290, -24.3030**, and **100.0280, 63.5500, -17.3620** is the 20% darker color. If you saturate the color by 10%, you get **143.2090, 87.4850, -27.1310**, and if you desaturate by 10%, it is **155.9870, 70.7950, -22.0130**.

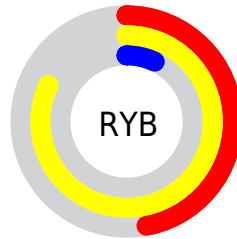
Distribution



Red (82%)

Green (56%)

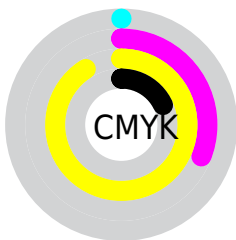
Blue (7%)



Red (47%)

Yellow (82%)

Blue (7%)

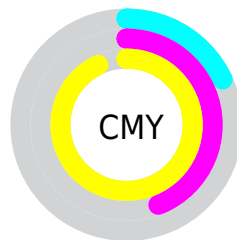


Cyan (0%)

Magenta (31%)

Yellow (91%)

Black (18%)



Cyan (18%)

Magenta (44%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 149.4840, 79.4610, -24.8830 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 149.4840, 79.4610, -24.8830 by changing the saturation by 10% instead.

■ 149.4840, 79.4610,
-24.8830

■ 149.4840, 79.4610,
-24.8830

■ 255.0000, -0.0000,
-0.0000

■ 123.0860, 74.8300,
-23.5540

■ 201.7050, 71.5290,
-24.3030

■ 100.0280, 63.5500,
-17.3620

■ 221.2190, 55.1620,
-30.5500

■ 77.2690, 52.8660,
-10.9580

■ 240.7330, 38.7950,
-36.7970

■ 55.6840, 41.6320,
-5.6000

■ 244.5120, 29.5320,
-28.6120

■ 35.2840, 31.3150,
-0.3410

■ 247.7040, 20.5440,
-19.9040

■ 14.3080, 22.7400,
6.3880

■ 251.0100, 11.2350,

■ 0.0000, 0.0000,

-10.8850

0.0000

254.3160, 1.9260,
-1.8660

149.4840, 79.4610,
-24.8830

149.4840, 79.4610,
-24.8830

143.2090, 87.4850,
-27.1310

155.9870, 70.7950,
-22.0130

163.0770, 61.8540,
-19.6660

169.5800, 53.1880,
-16.7960

176.0830, 44.5220,
-13.9260

182.5860, 35.8560,
-11.0560

■ 189.6760, 26.9150,
-8.7090

■ 196.1790, 18.2490,
-5.8390

■ 202.6820, 9.5830,
-2.9690

■ 209.1850, 0.9170,
-0.0990

Harmonies

Analogous

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



151.9960, 94.0800, 13.0560



149.4840, 79.4610, -24.8830



143.8670, 43.7490, -49.4910

Triad

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



149.4840, 79.4610, -24.8830



130.8420, -112.1400, -38.1880



161.3610, 8.3350, 52.7110

Complementary

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



149.4840, 79.4610, -24.8830



79.5160, -79.4610, 24.8830

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.



147.2970, -65.8430, 20.3730



149.4840, 79.4610, -24.8830



134.7640, -128.6950, -18.9910

Square

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



149.4840, 79.4610, -24.8830



122.3720, -91.0460, -57.0460



130.0340, -129.1550, -10.6510



155.6650, 63.2610, 59.4930

Rectangle

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



149.4840, 79.4610, -24.8830



140.3860, 2.6230, -53.0650



130.0340, -129.1550, -10.6510



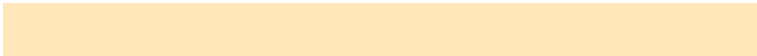
160.6400, -14.6800, 45.8000

Sweetspot

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



149.4840, 79.4610, -24.8830



233.0460, 28.7490, -8.9070



83.7470, 92.3290, 61.3290



114.5210, 17.2860, -4.9060



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.



149.4840, 79.4610, -24.8830



174.2740, 106.0550, -33.2810



179.5550, 44.0270, -65.5490



101.3980, 4.6310, -1.3290



114.8020, 69.8780, -21.9140



28.1080, 17.0110, -5.4290

Inverse Universe

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



79.5160, -79.4610, 24.8830



80.7260, -106.0550, 33.2810



49.4450, -44.0270, 65.5490



97.6020, -4.6310, 1.3290



53.1980, -69.8780, 21.9140



12.8920, -17.0110, 5.4290

Previews

White Background



This preview shows how the YIQ color 149.4840, 79.4610, -24.8830 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 149.4840, 79.4610, -24.8830 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 149.4840, 79.4610, -24.8830

Background



This preview shows how black text looks on a background with the YIQ color 149.4840, 79.4610, -24.8830.



This preview shows how white text looks on a background with the YIQ color 149.4840, 79.4610, -24.8830.

-24.8830.

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

149.4840, 79.4610, -24.8830

Protanopia

148.4050, 54.3380, -37.6460

Deuteranopia

148.3320, 73.7770, -32.0070



Tritanopia

159.6580, 45.6620, 20.4940

Trichromacy



Original Color

149.4840, 79.4610, -24.8830

Protanomaly

148.8300, 63.5070, -33.1090

Deuteranomaly

148.6960, 75.7480, -29.1800

Tritanomaly

156.2780, 57.8150, 3.9830

Monochromacy



Original Color

149.4840, 79.4610, -24.8830

Achromatopsia

149.0000, 0.0000, -0.0000

Achromatomaly

149.0460, 28.7490, -8.9070

CSS Examples

Text

The CSS property to change the color of the text to YIQ 149.4840, 79.4610, -24.8830 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(210, 144, 19)` looks like.

```
.text, #text, p{  
    color:rgb(210, 144, 19)  
}
```

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(210, 144, 19) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 144, 19) }
```

Border

The CSS property to change the border of an element to YIQ 149.4840, 79.4610, -24.8830 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(210, 144, 19) }
```


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

```
.border{ border-color:rgb(210, 144, 19) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 144, 19)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 144, 19); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 144, 19);  
box-shadow:4px 4px 4px 4px rgb(210, 144,  
19) }
```

Background

The CSS property to change the background color of an element to YIQ 149.4840, 79.4610, -24.8830 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 144, 19) }
```

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

```
.background{ background-color: rgb(210,  
144, 19) }
```

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