

Converting Colors

YIQ(175.3810, 81.2490,
-24.2470)

Have a look what the booklet for
YIQ(175.3810, 81.2490, -24.2470)
contains.

YIQ(175.3810, 81.2490, -24.2470)	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(175.3810, 81.2490,
-24.2470)**

Conversions

Conversions Part 1

Format	Color
Hex	EEA92C
RGB	238, 169, 44
RGB Percent	93%, 66%, 17%
CMY	0.0666, 0.3373, 0.8270
CMYK	0.00, 0.29, 0.81, 0.07
HSL	39°, 85%, 55%
HSV	39°, 81%, 93%
XYZ	49.9064, 46.7286, 8.7826
YIQ	175.3810, 81.2490, -24.2470

Conversions

Conversions Part 2

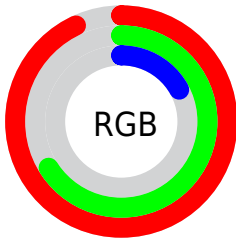
Format	Color
R _Y B	151, 238, 44
Decimal	15640876
CIE Lab	74.02, 15.38, 68.79
CIE LCh	74, 70.483, 77.400
Yxy	46.7286, 0.4734, 0.4433
Android (android.graphics.Color)	4293830956 (0xFFEEA92C)
YUV	175.3810, -64.7708, 54.9169
Hunter-Lab	68.3583, 10.6906, 40.2333

Details

The YIQ color **175.3810, 81.2490, -24.2470** is a dark color, and the websafe version is hex **CC9900**. The color can be described as middle washed orange. A complement of this color would be **106.6190, -81.2490, 24.2470**, and the grayscale version is **176.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **219.2470, 57.9590, -31.6810**, and **121.6020, 73.3170, -23.6670** is the 20% darker color. If you saturate the color by 10%, you get **167.9490, 91.1530, -27.5270**, and if you desaturate by 10%, it is **182.8130, 71.3450, -20.9670**.

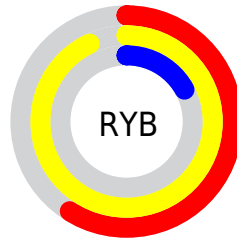
Distribution



Red (93%)

Green (66%)

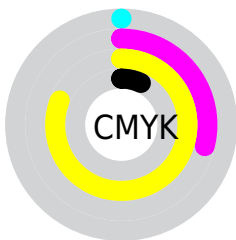
Blue (17%)



Red (59%)

Yellow (93%)

Blue (17%)

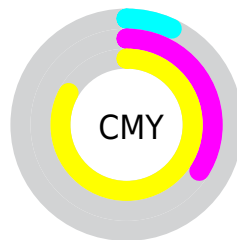


Cyan (0%)

Magenta (29%)

Yellow (81%)

Black (7%)



Cyan (7%)


Magenta (34%)


Yellow (83%)


Brightness & Saturation Gradients


These gradients show how the YIQ color 175.3810, 81.2490, -24.2470 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 175.3810, 81.2490, -24.2470 by changing the saturation by 10% instead.


 175.3810, 81.2490,
-24.2470


 175.3810, 81.2490,
-24.2470


 255.0000, -0.0000,
-0.0000


 146.0620, 83.4050,
-30.2830


 219.2470, 57.9590,
-31.6810


 121.6020, 73.3170,
-23.6670


 239.3480, 41.3170,
-38.4510


 98.5440, 62.0370,
-17.4750


 243.7140, 31.7790,
-30.7890

 75.7850, 51.3530,
-11.0710

 246.9060, 22.7910,
-22.0810

 54.2000, 40.1190,
-5.7130

 250.2120, 13.4820,
-13.0620

 33.8000, 29.8020,
-0.4540

 253.5180, 4.1730,

 12.5360, 22.0980,

-4.0430

7.0100

■ 0.0000, 0.0000,
0.0000

■ 175.3810, 81.2490,
-24.2470

■ 175.3810, 81.2490,
-24.2470

■ 167.9490, 91.1530,
-27.5270

■ 182.8130, 71.3450,
-20.9670

■ 160.9730, 99.7730,
-29.5630

■ 190.8320, 61.1660,
-18.2100

■ 198.2640, 51.2620,
-14.9300

■ 206.1690, 41.4040,
-12.4840

■ 213.6010, 31.5000,
-9.2040

■ 221.6200, 21.3210,
-6.4470

■ 229.0520, 11.4170,
-3.1670

■ 237.0710, 1.2380,
-0.4100

■ 244.0470, -7.3820,
1.6260

Harmonies

Analogous

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



170.2180, 84.4070, 6.6390



175.3810, 81.2490, -24.2470



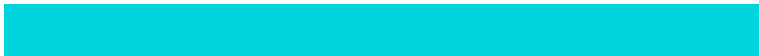
169.8390, 40.9520, -48.3600

Triad

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



175.3810, 81.2490, -24.2470



149.9970, -128.8740, -43.2900



185.6130, 16.3130, 51.2970

Complementary

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



175.3810, 81.2490, -24.2470



106.6190, -81.2490, 24.2470

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.



171.2520, -52.7750, 14.8170



175.3810, 81.2490, -24.2470



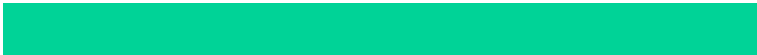
151.7530, -139.3300, -30.0020

Square

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



175.3810, 81.2490, -24.2470



141.0710, -106.4960, -63.3920



144.7090, -136.0300, -23.7260



173.2010, 49.8280, 55.1400

Rectangle

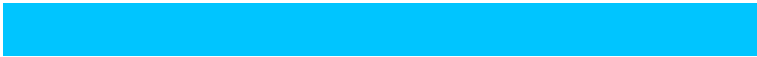
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



175.3810, 81.2490, -24.2470



164.9620, 0.8810, -54.5350



144.7090, -136.0300, -23.7260



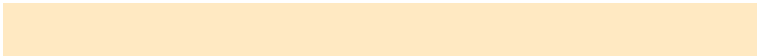
183.1110, -3.1250, 40.1310

Sweetspot

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



175.3810, 81.2490, -24.2470



235.1320, 25.6310, -7.4650



110.1000, 92.8330, 63.2090



115.5640, 15.7270, -4.1850



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.



175.3810, 81.2490, -24.2470



174.2570, 104.7250, -31.2030



208.1100, 46.7780, -65.8460



116.2840, 4.9520, -1.6400



124.2820, 77.2140, -22.7060



37.8760, 23.4760, -6.9560

Inverse Universe

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



106.6190, -81.2490, 24.2470



85.7430, -104.7250, 31.2030



73.8900, -46.7780, 65.8460



111.7160, -4.9520, 1.6400



59.1310, -76.9390, 23.2290



18.1240, -23.4760, 6.9560

Previews

White Background



This preview shows how the YIQ color 175.3810, 81.2490, -24.2470 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 175.3810, 81.2490, -24.2470 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 175.3810, 81.2490, -24.2470

Background



This preview shows how black text looks on a background with the YIQ color 175.3810, 81.2490, -24.2470.



This preview shows how white text looks on a background with the YIQ color 175.3810, 81.2490, -24.2470.

-24.2470.

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

175.3810, 81.2490, -24.2470

Protanopia

174.1880, 56.4470, -37.3210

Deuteranopia

174.8100, 75.4270, -28.8690



Tritanopia

185.2670, 48.3210, 21.8650

Trichromacy



Original Color

175.3810, 81.2490, -24.2470

Protanomaly

174.7270, 65.2950, -32.4730

Deuteranomaly

175.2340, 77.1690, -27.3990

Tritanomaly

181.5880, 59.8780, 5.1420

Monochromacy



Original Color

175.3810, 81.2490, -24.2470

Achromatopsia

175.0000, -0.0000, -0.0000

Achromatomaly

175.2310, 29.6660, -9.0060

CSS Examples

Text

The CSS property to change the color of the text to YIQ 175.3810, 81.2490, -24.2470 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(238, 169, 44)` looks like.

```
.text, #text, p{  
    color:rgb(238, 169, 44)  
}
```

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(238, 169, 44) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 169, 44) }
```

Border

The CSS property to change the border of an element to YIQ 175.3810, 81.2490, -24.2470 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(238, 169, 44) }
```


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

```
.border{ border-color:rgb(238, 169, 44) }
```

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

Here you see how a box with a 4 pixel `rgb(238, 169, 44)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 169, 44); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 169, 44);  
box-shadow:4px 4px 4px 4px rgb(238, 169,  
44) }
```

Background

The CSS property to change the background color of an element to YIQ 175.3810, 81.2490, -24.2470 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 169, 44) }
```

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

```
.background{ background-color: rgb(238,  
169, 44) }
```

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