

Converting Colors

YIQ(174.4810, 66.3480,
-24.0200)

Have a look what the booklet for
YIQ(174.4810, 66.3480, -24.0200)
contains.

YIQ(174.4810, 66.3480, -24.0200)	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(174.4810, 66.3480,
-24.0200)**

Conversions

Conversions Part 1

Format	Color
Hex	DFAC3C
RGB	223, 172, 60
RGB Percent	87%, 67%, 24%
CMY	0.1254, 0.3256, 0.7643
CMYK	0.00, 0.23, 0.73, 0.13
HSL	41°, 72%, 56%
HSV	41°, 73%, 87%
XYZ	46.0018, 45.5140, 10.6479
YIQ	174.4810, 66.3480, -24.0200

Conversions

Conversions Part 2

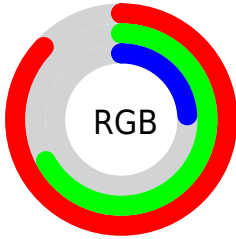
Format	Color
RYB	134, 223, 60
Decimal	14658620
CIELab	73.23, 7.96, 61.70
CIELCh	73, 62.211, 82.648
Yxy	45.5140, 0.4503, 0.4455
Android (android.graphics.Color)	4292848700 (0xFFDFAC3C)
YUV	174.4810, -56.4391, 42.5512
Hunter-Lab	67.4641, 3.6519, 37.8671

Details

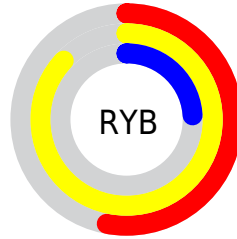
The YIQ color **174.4810, 66.3480, -24.0200** is a dark color, and the websafe version is hex **CC9933**. The color can be described as middle muted orange. A complement of this color would be **108.5190, -66.3480, 24.0200**, and the grayscale version is **175.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **222.4900, 52.9610, -29.2070**, and **119.1770, 64.1480, -28.2040** is the 20% darker color. If you saturate the color by 10%, you get **167.8640, 75.3350, -27.2010**, and if you desaturate by 10%, it is **181.0980, 57.3610, -20.8390**.

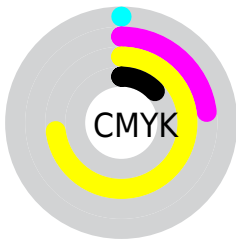
Distribution



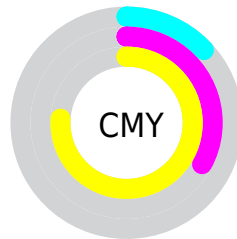
- Red (87%)
- Green (67%)
- Blue (24%)



- Red (53%)
- Yellow (87%)
- Blue (24%)



- Cyan (0%)
- Magenta (23%)
- Yellow (73%)
- Black (13%)



- Cyan (13%)
- Magenta (33%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 174.4810, 66.3480, -24.0200 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 174.4810, 66.3480, -24.0200 by changing the saturation by 10% instead.

■ 174.4810, 66.3480,
-24.0200

■ 174.4810, 66.3480,
-24.0200

■ 255.0000, -0.0000,
-0.0000

■ 146.9430, 64.9270,
-25.8010

■ 222.4900, 52.9610,
-29.2070

■ 119.4760, 64.7440,
-27.9920

■ 242.0040, 36.5940,
-35.4540

■ 96.1300, 54.3350,
-21.0650

■ 245.1960, 27.6060,
-26.7460

■ 73.9580, 43.3760,
-15.1840

■ 248.3880, 18.6180,
-18.0380

■ 52.9710, 33.3340,
-9.4020

■ 251.6940, 9.3090,
-9.0190

■ 32.5710, 23.0170,
-4.1430

■ 11.3070, 15.3130,

3.3210

■ 0.0000, 0.0000,
0.0000

■ 174.4810, 66.3480,
-24.0200

■ 174.4810, 66.3480,
-24.0200

■ 167.8640, 75.3350,
-27.2010

■ 181.0980, 57.3610,
-20.8390

■ 161.1330, 84.6430,
-30.6930

■ 187.8290, 48.0530,
-17.3470

■ 156.4880, 90.8330,
-32.7430

■ 194.4460, 39.0660,
-14.1660

■ 201.0630, 30.0790,
-10.9850

■ 207.7940, 20.7710,
-7.4930

■ 214.4110, 11.7840,
-4.3120

■ 221.0280, 2.7970,
-1.1310

■ 227.7590, -6.5110,
2.3610

■ 233.6920,
-13.5720, 3.6760

Harmonies

Analogous

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



174.5550, 81.8400, 3.6000



174.4810, 66.3480, -24.0200



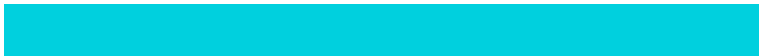
169.6990, 26.9670, -42.7050

Triad

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



174.4810, 66.3480, -24.0200



147.4040, -128.4620, -39.7420



185.3530, 19.9810, 50.9010

Complementary

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



174.4810, 66.3480, -24.0200



108.5190, -66.3480, 24.0200

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.



176.1020, -34.4370, 23.8910



174.4810, 66.3480, -24.0200



147.6440, -137.4050, -26.3410

Square

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



174.4810, 66.3480, -24.0200



140.0910, -109.2480, -57.5680



140.6000, -134.1050, -20.0650



174.8990, 53.3140, 47.0260

Rectangle

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



174.4810, 66.3480, -24.0200



163.9750, -9.1610, -48.7530



140.6000, -134.1050, -20.0650



184.0410, 3.0640, 43.6080

Sweetspot

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



174.4810, 66.3480, -24.0200



238.0500, 22.9260, -8.0020



114.6650, 80.4560, 50.7280



117.6670, 13.9390, -4.8210



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.



174.4810, 66.3480, -24.0200



188.3740, 91.1540, -33.0540



195.4480, 34.4430, -57.0530



108.9850, 4.3560, -1.8520



123.6510, 71.6210, -25.9710



33.7230, 19.5330, -7.0830

Inverse Universe

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



108.5190, -66.3480, 24.0200



97.6260, -91.1540, 33.0540



87.5520, -34.4430, 57.0530



104.0150, -4.3560, 1.8520



52.3490, -71.6210, 25.9710



14.2770, -19.5330, 7.0830

Previews

White Background



This preview shows how the YIQ color 174.4810, 66.3480, -24.0200 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 174.4810, 66.3480, -24.0200 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 174.4810, 66.3480, -24.0200

Background



This preview shows how black text looks on a background with the YIQ color 174.4810, 66.3480, -24.0200.



This preview shows how white text looks on a background with the YIQ color 174.4810, 66.3480,

-24.0200.

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

174.4810, 66.3480, -24.0200

Protanopia

172.8270, 50.3940, -32.2460

Deuteranopia

174.4920, 67.8150, -23.0730



Tritanopia

183.2980, 37.8680, 18.5720

Trichromacy



Original Color

174.4810, 66.3480, -24.0200

Protanomaly

173.3440, 56.3080, -29.2920

Deuteranomaly

174.1930, 67.2190, -23.2850

Tritanomaly

180.0750, 48.1410, 3.0930

Monochromacy



Original Color

174.4810, 66.3480, -24.0200

Achromatopsia

174.0000, -0.0000, -0.0000

Achromatomaly

174.1210, 24.1640, -8.4120

CSS Examples

Text

The CSS property to change the color of the text to YIQ 174.4810, 66.3480, -24.0200 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(223, 172, 60)` looks like.

```
.text, #text, p{  
    color:rgb(223, 172, 60)  
}
```

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(223, 172, 60) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 172, 60) }
```

Border

The CSS property to change the border of an element to YIQ 174.4810, 66.3480, -24.0200 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(223, 172, 60) }
```


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

```
.border{ border-color:rgb(223, 172, 60) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 172, 60)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 172, 60); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 172, 60);  
box-shadow:4px 4px 4px 4px rgb(223, 172,  
60) }
```

Background

The CSS property to change the background color of an element to YIQ 174.4810, 66.3480, -24.0200 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 172, 60) }
```

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

```
.background{ background-color: rgb(223,  
172, 60) }
```

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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