

Converting Colors

YIQ(174.0760, 71.6220,
-31.4980)

Have a look what the booklet for
YIQ(174.0760, 71.6220, -31.4980)
contains.

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Color

**YIQ(174.0760, 71.6220,
-31.4980)**

Conversions

Conversions Part 1

Format	Color
Hex	DFAF29
RGB	223, 175, 41
RGB Percent	87%, 69%, 16%
CMY	0.1255, 0.3138, 0.8388
CMYK	0.00, 0.22, 0.82, 0.13
HSL	44°, 74%, 52%
HSV	44°, 82%, 87%
XYZ	46.1618, 46.5020, 8.6497
YIQ	174.0760, 71.6220, -31.4980

Conversions

Conversions Part 2

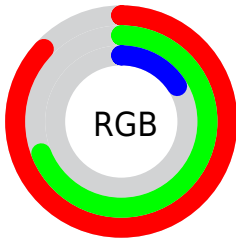
Format	Color
RYB	106, 223, 41
Decimal	14659369
CIELab	73.87, 5.65, 68.97
CIELCh	74, 69.204, 85.315
Yxy	46.5020, 0.4556, 0.4590
Android (android.graphics.Color)	4292849449 (0xFFDFAF29)
YUV	174.0760, -65.6065, 42.9063
Hunter-Lab	68.1923, 1.4963, 40.2142

Details

The YIQ color **174.0760, 71.6220, -31.4980** 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 **89.9240, -71.6220, 31.4980**, and the grayscale version is **175.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **222.5410, 56.9510, -35.4410**, and **120.9380, 63.3230, -29.7730** is the 20% darker color. If you saturate the color by 10%, you get **168.0460, 80.3340, -35.2020**, and if you desaturate by 10%, it is **180.1060, 62.9100, -27.7940**.

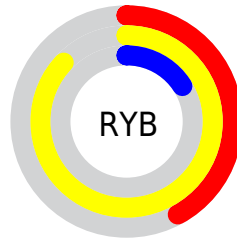
Distribution



Red (87%)

Green (69%)

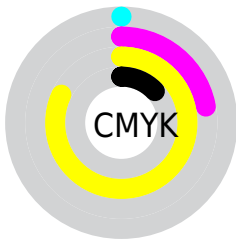
Blue (16%)



Red (42%)

Yellow (87%)

Blue (16%)

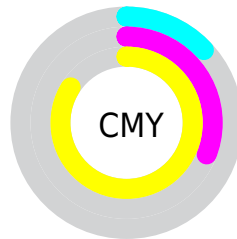


Cyan (0%)

Magenta (22%)

Yellow (82%)

Black (13%)



Cyan (13%)

Magenta (31%)

Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 174.0760, 71.6220, -31.4980 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 174.0760, 71.6220, -31.4980 by changing the saturation by 10% instead.

■ 174.0760, 71.6220,
-31.4980

■ 174.0760, 71.6220,
-31.4980

■ 255.0000, -0.0000,
-0.0000

■ 145.1700, 74.0530,
-37.0110

■ 222.5410, 56.9510,
-35.4410

■ 120.9380, 63.3230,
-29.7730

■ 240.4080, 41.0880,
-39.8080

■ 97.5920, 52.9140,
-22.8460

■ 243.4860, 32.4210,
-31.4110

■ 75.4200, 41.9550,
-16.9650

■ 246.7920, 23.1120,
-22.3920

■ 53.8460, 32.1880,
-10.6600

■ 250.0980, 13.8030,
-13.3730

■ 34.0330, 21.5960,
-5.9240

■ 253.4040, 4.4940,

■ 13.3560, 13.6170,

-4.3540

1.0170

■ 0.0000, 0.0000,
0.0000

■ 174.0760, 71.6220,
-31.4980

■ 174.0760, 71.6220,
-31.4980

■ 168.0460, 80.3340,
-35.2020

■ 180.1060, 62.9100,
-27.7940

■ 162.9450, 87.8080,
-38.4960

■ 186.2500, 53.8770,
-23.7790

■ 192.2800, 45.1650,
-20.0750

■ 198.3100, 36.4530,
-16.3710

■ 203.8670, 27.6950,
-11.8330

■ 209.8970, 18.9830,
-8.1290

■ 215.9270, 10.2710,
-4.4250

■ 222.0710, 1.2380,
-0.4100

■ 228.1010, -7.4740,
3.2940

Harmonies

Analogous

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



173.0730, 86.0130, -0.4430



174.0760, 71.6220, -31.4980



168.5860, 25.5470, -50.0130

Triad

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



174.0760, 71.6220, -31.4980



151.1200, -133.4140, -38.1020



186.2880, 27.7740, 58.3500

Complementary

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



174.0760, 71.6220, -31.4980



89.9240, -71.6220, 31.4980

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.



177.3090, -30.5860, 25.6860



174.0760, 71.6220, -31.4980



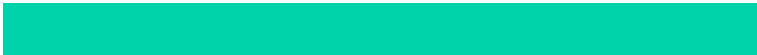
149.9920, -138.5050, -28.4330

Square

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



174.0760, 71.6220, -31.4980



143.1230, -112.2740, -57.7940



141.7740, -134.6550, -21.1110



169.9750, 56.1560, 50.5880

Rectangle

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



174.0760, 71.6220, -31.4980



161.9690, -18.1920, -55.7920



141.7740, -134.6550, -21.1110



184.6940, 11.5910, 48.7670

Sweetspot

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



174.0760, 71.6220, -31.4980



238.6540, 23.9810, -10.6030



101.0040, 92.7430, 53.8230



117.9120, 14.6270, -6.2770



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.



174.0760, 71.6220, -31.4980



187.7580, 98.4000, -43.2320



189.6940, 33.3900, -65.5060



108.9850, 4.3560, -1.8520



128.3470, 69.4210, -30.1550



35.4840, 18.7080, -8.6520

Inverse Universe

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



89.9240, -71.6220, 31.4980



72.2420, -98.4000, 43.2320



74.6050, -32.7940, 65.7180



104.0150, -4.3560, 1.8520



47.0660, -69.1460, 30.6780



13.1030, -18.9830, 8.1290

Previews

White Background



This preview shows how the YIQ color 174.0760, 71.6220, -31.4980 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 174.0760, 71.6220, -31.4980 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 174.0760, 71.6220, -31.4980

Background



This preview shows how black text looks on a background with the YIQ color 174.0760, 71.6220, -31.4980.



This preview shows how white text looks on a background with the YIQ color 174.0760, 71.6220, -31.4980.

-31.4980.

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

174.0760, 71.6220, -31.4980

Protanopia

172.7320, 57.7310, -38.5650

Deuteranopia

174.2230, 75.7020, -28.3460



Tritanopia

185.1130, 36.9510, 18.6710

Trichromacy



Original Color

174.0760, 71.6220, -31.4980

Protanomaly

172.9500, 63.0490, -35.8230

Deuteranomaly

174.2120, 74.2350, -29.2930

Tritanomaly

180.9780, 49.7920, 0.7040

Monochromacy



Original Color

174.0760, 71.6220, -31.4980

Achromatopsia

174.0000, -0.0000, -0.0000

Achromatomaly

173.9100, 26.1360, -11.1120

CSS Examples

Text

The CSS property to change the color of the text to YIQ 174.0760, 71.6220, -31.4980 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, 175, 41)` looks like.

```
.text, #text, p{  
    color:rgb(223, 175, 41)  
}
```

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, 175, 41) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 175, 41) }
```

Border

The CSS property to change the border of an element to YIQ 174.0760, 71.6220, -31.4980 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, 175, 41) }
```


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

```
.border{ border-color:rgb(223, 175, 41) }
```

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

Here you see how a box with a 4 pixel rgb(223, 175, 41) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 175, 41); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 175, 41);  
box-shadow:4px 4px 4px 4px rgb(223, 175,  
41) }
```

Background

The CSS property to change the background color of an element to YIQ 174.0760, 71.6220, -31.4980 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 175, 41) }
```

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

```
.background{ background-color: rgb(223,  
175, 41) }
```

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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