

Converting Colors

YIQ(176.5670, 71.2570,
-41.4070)

Have a look what the booklet for
YIQ(176.5670, 71.2570, -41.4070)
contains.

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Color

**YIQ(176.5670, 71.2570,
-41.4070)**

Conversions

Conversions Part 1

Format	Color
Hex	DBB81B
RGB	219, 184, 27
RGB Percent	86%, 72%, 11%
CMY	0.1412, 0.2785, 0.8937
CMYK	0.00, 0.16, 0.88, 0.14
HSL	49°, 78%, 48%
HSV	49°, 88%, 86%
XYZ	46.5487, 49.4138, 8.1276
YIQ	176.5670, 71.2570, -41.4070

Conversions

Conversions Part 2

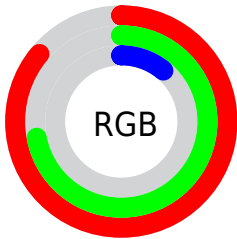
Format	Color
RYB	70, 219, 27
Decimal	14399515
CIELab	75.71, -1.18, 73.91
CIELCh	76, 73.917, 90.911
Yxy	49.4138, 0.4472, 0.4747
Android (android.graphics.Color)	4292589595 (0xFFDDBB81B)
YUV	176.5670, -73.7365, 37.2137
Hunter-Lab	70.2949, -4.8151, 42.3513

Details

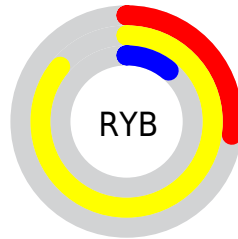
The YIQ color **176.5670, 71.2570, -41.4070** is a dark color, and the websafe version is hex **FFCC33**. The color can be described as middle washed orange. A complement of this color would be **69.4330, -71.2570, 41.4070**, and the grayscale version is **177.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **227.4990, 56.7690, -43.1590**, and **124.4380, 58.7390, -34.8050** is the 20% darker color. If you saturate the color by 10%, you get **171.7110, 79.4190, -46.1570**, and if you desaturate by 10%, it is **181.4230, 63.0950, -36.6570**.

Distribution



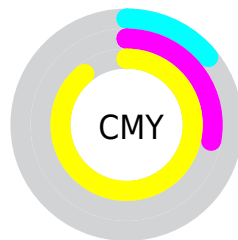
- Red (86%)
- Green (72%)
- Blue (11%)



- Red (27%)
- Yellow (86%)
- Blue (11%)



- Cyan (0%)
- Magenta (16%)
- Yellow (88%)
- Black (14%)



- Cyan (14%)
- Magenta (28%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 176.5670, 71.2570, -41.4070 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 176.5670, 71.2570, -41.4070 by changing the saturation by 10% instead.

■ 176.5670, 71.2570,
-41.4070

■ 176.5670, 71.2570,
-41.4070

■ 255.0000, -0.0000,
-0.0000

■ 148.6700, 69.4690,
-42.0430

■ 227.4990, 56.7690,
-43.1590

■ 124.4380, 58.7390,
-34.8050

■ 239.6100, 43.3350,
-41.9850

■ 101.6790, 48.0550,
-28.4010

■ 242.8020, 34.3470,
-33.2770

■ 79.2190, 37.9670,
-21.7850

■ 245.9940, 25.3590,
-24.5690

■ 57.3460, 27.6040,
-15.6920

■ 249.3000, 16.0500,
-15.5500

■ 37.2450, 17.8830,
-10.2210

■ 252.7200, 6.4200,

■ 18.0300, 8.4830,

-6.2200

-5.0610

■ 0.0000, 0.0000,
0.0000

■ 176.5670, 71.2570,
-41.4070

■ 176.5670, 71.2570,
-41.4070

■ 171.7110, 79.4190,
-46.1570

■ 181.4230, 63.0950,
-36.6570

■ 170.5540, 81.2990,
-47.1890

■ 186.2790, 54.9330,
-31.9070

■ 191.1350, 46.7710,
-27.1570

■ 195.9910, 38.6090,
-22.4070

■ 200.8470, 30.4470,
-17.6570

■ 205.7030, 22.2850,
-12.9070

■ 210.4450, 14.4440,
-8.4680

■ 215.3010, 6.2820,
-3.7180

■ 220.1570, -1.8800,
1.0320

Harmonies

Analogous

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



176.2870, 87.9860, -8.6700



176.5670, 71.2570, -41.4070



170.5090, 15.2780, -56.6420

Triad

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



176.5670, 71.2570, -41.4070



157.0360, -141.8050, -34.7090



185.6200, 32.7710, 61.4030

Complementary

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



176.5670, 71.2570, -41.4070



69.4330, -71.2570, 41.4070

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.



184.1970, -15.4110, 31.5090



176.5670, 71.2570, -41.4070



152.3400, -139.6050, -30.5250

Square

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



176.5670, 71.2570, -41.4070



149.8710, -120.2520, -56.3800



142.9480, -135.2050, -22.1570



168.0030, 58.9530, 49.4570

Rectangle

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



176.5670, 71.2570, -41.4070



160.9990, -36.0720, -62.1520



142.9480, -135.2050, -22.1570



189.8100, 26.1240, 55.2120

Sweetspot

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



176.5670, 71.2570, -41.4070



240.4320, 24.4860, -14.2500



88.3980, 103.1970, 51.5890



118.7440, 15.0400, -8.2560



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.



176.5670, 71.2570, -41.4070



198.3410, 94.7800, -54.7240



178.8730, 25.2760, -72.6440



107.5720, 4.0810, -2.3750



135.0810, 64.0580, -37.5900



36.0600, 16.9660, -10.1220

Inverse Universe

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



69.4330, -71.2570, 41.4070



56.6590, -94.7800, 54.7240



67.1270, -25.2760, 72.6440



101.4280, -4.0810, 2.3750



38.5060, -64.3330, 37.0670



9.9400, -16.9660, 10.1220

Previews

White Background



This preview shows how the YIQ color 176.5670, 71.2570, -41.4070 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 176.5670, 71.2570, -41.4070 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 176.5670, 71.2570, -41.4070

Background



This preview shows how black text looks on a background with the YIQ color 176.5670, 71.2570, -41.4070.



This preview shows how white text looks on a background with the YIQ color 176.5670, 71.2570, -41.4070.

-41.4070.

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

176.5670, 71.2570, -41.4070

Protanopia

175.7510, 64.7470, -44.5730

Deuteranopia

178.2250, 81.3880, -32.2760



Tritanopia

189.8240, 30.3950, 16.3390

Trichromacy



Original Color

176.5670, 71.2570, -41.4070

Protanomaly

176.0610, 66.8100, -43.4140

Deuteranomaly

177.9640, 77.6290, -35.7390

Tritanomaly

185.0650, 44.9330, -4.8510

Monochromacy



Original Color

176.5670, 71.2570, -41.4070

Achromatopsia

177.0000, -0.0000, 0.0000

Achromatomaly

176.9760, 25.7700, -15.4940

CSS Examples

Text

The CSS property to change the color of the text to YIQ 176.5670, 71.2570, -41.4070 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(219, 184, 27)` looks like.

```
.text, #text, p{  
    color:rgb(219, 184, 27)  
}
```

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(219, 184, 27) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 184, 27) }
```

Border

The CSS property to change the border of an element to YIQ 176.5670, 71.2570, -41.4070 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(219, 184, 27) }
```


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

```
.border{ border-color:rgb(219, 184, 27) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 184, 27)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 184, 27); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 184, 27);  
box-shadow:4px 4px 4px 4px rgb(219, 184,  
27) }
```

Background

The CSS property to change the background color of an element to YIQ 176.5670, 71.2570, -41.4070 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 184, 27) }
```

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

```
.background{ background-color: rgb(219,  
184, 27) }
```

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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