

Converting Colors

YIQ(179.4170, 80.4270,
-42.3970)

Have a look what the booklet for
YIQ(179.4170, 80.4270, -42.3970)
contains.

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Color

**YIQ(179.4170, 80.4270,
-42.3970)**

Conversions

Conversions Part 1

Format	Color
Hex	E6B912
RGB	230, 185, 18
RGB Percent	90%, 73%, 7%
CMY	0.0980, 0.2746, 0.9289
CMYK	0.00, 0.20, 0.92, 0.10
HSL	47°, 85%, 49%
HSV	47°, 92%, 90%
XYZ	50.0884, 51.5570, 7.8887
YIQ	179.4170, 80.4270, -42.3970

Conversions

Conversions Part 2

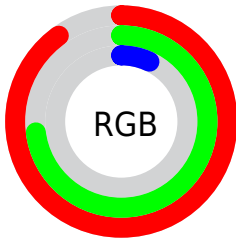
Format	Color
RYB	75, 230, 18
Decimal	15120658
CIELab	77.02, 2.94, 76.99
CIELCh	77, 77.050, 87.815
Yxy	51.5570, 0.4573, 0.4707
Android (android.graphics.Color)	4293310738 (0xFFE6B912)
YUV	179.4170, -79.5786, 44.3613
Hunter-Lab	71.8032, -1.1377, 43.7483

Details

The YIQ color **179.4170, 80.4270, -42.3970** 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 **68.5830, -80.4270, 42.3970**, and the grayscale version is **180.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **227.7440, 57.4570, -44.6150**, and **128.0150, 64.4240, -33.2080** is the 20% darker color. If you saturate the color by 10%, you get **175.0170, 87.3050, -45.9030**, and if you desaturate by 10%, it is **184.9740, 71.6690, -37.8590**.

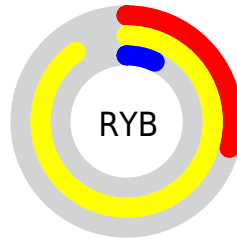
Distribution



Red (90%)

Green (73%)

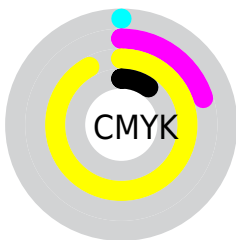
Blue (7%)



Red (29%)

Yellow (90%)

Blue (7%)

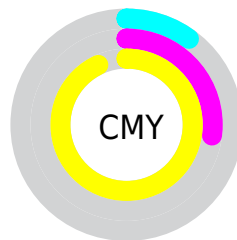


Cyan (0%)

Magenta (20%)

Yellow (92%)

Black (10%)



Cyan (10%)

Magenta (27%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 179.4170, 80.4270, -42.3970 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 179.4170, 80.4270, -42.3970 by changing the saturation by 10% instead.

■ 179.4170, 80.4270,
-42.3970

■ 179.4170, 80.4270,
-42.3970

■ 255.0000, -0.0000,
-0.0000

■ 152.2470, 75.1540,
-40.4460

■ 227.7440, 57.4570,
-44.6150

■ 128.0150, 64.4240,
-33.2080

■ 239.1540, 44.6190,
-43.2290

■ 104.6690, 54.0150,
-26.2810

■ 242.4600, 35.3100,
-34.2100

■ 82.4970, 43.0560,
-20.4000

■ 245.6520, 26.3220,
-25.5020

■ 60.6240, 32.6930,
-14.3070

■ 248.9580, 17.0130,
-16.4830

■ 39.6370, 22.6510,
-8.5250

■ 252.3780, 7.3830,

■ 20.7210, 13.8470,

-7.1530

-3.1530

■ 0.0000, 0.0000,
0.0000

■ 179.4170, 80.4270,
-42.3970

■ 179.4170, 80.4270,
-42.3970

■ 175.0170, 87.3050,
-45.9030

■ 184.9740, 71.6690,
-37.8590

■ 190.5310, 62.9110,
-33.3210

■ 196.0880, 54.1530,
-28.7830

■ 201.6450, 45.3950,
-24.2450

■ 206.6150, 36.9120,
-19.1840

■ 212.1720, 28.1540,
-14.6460

■ 217.7290, 19.3960,
-10.1080

■ 223.2860, 10.6380,
-5.5700

■ 228.8430, 1.8800,
-1.0320

Harmonies

Analogous

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



176.0420, 87.2980, -7.2140



179.4170, 80.4270, -42.3970



173.5330, 23.8980, -58.6780

Triad

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



179.4170, 80.4270, -42.3970



159.9710, -143.1800, -37.3240



188.0820, 31.3500, 59.6220

Complementary

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



179.4170, 80.4270, -42.3970



68.5830, -80.4270, 42.3970

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.



184.1420, -22.7460, 26.7740



179.4170, 80.4270, -42.3970



155.8620, -141.2550, -33.6630

Square

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



179.4170, 80.4270, -42.3970



151.6490, -119.7470, -60.0270



146.4700, -136.8550, -25.2950



169.2570, 55.4220, 52.8780

Rectangle

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



179.4170, 80.4270, -42.3970



164.9520, -28.6900, -63.7780



146.4700, -136.8550, -25.2950



192.1470, 23.5570, 52.1730

Sweetspot

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



179.4170, 80.4270, -42.3970



238.1010, 26.9160, -14.2360



86.6320, 111.5860, 59.2500



117.1140, 16.8740, -8.4540



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.



179.4170, 80.4270, -42.3970



194.2320, 96.7050, -51.0630



187.8920, 32.2920, -78.6520



111.8710, 4.6770, -2.1630



136.2880, 67.9090, -35.7950



38.7290, 19.3960, -10.1080

Inverse Universe

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



68.5830, -80.4270, 42.3970



60.7680, -96.7050, 51.0630



60.1080, -32.2920, 78.6520



106.1290, -4.6770, 2.1630



42.7120, -67.9090, 35.7950



12.2710, -19.3960, 10.1080

Previews

White Background



This preview shows how the YIQ color 179.4170, 80.4270, -42.3970 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 179.4170, 80.4270, -42.3970 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 179.4170, 80.4270, -42.3970

Background



This preview shows how black text looks on a background with the YIQ color 179.4170, 80.4270, -42.3970.



This preview shows how white text looks on a background with the YIQ color 179.4170, 80.4270, -42.3970.

-42.3970.

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

179.4170, 80.4270, -42.3970

Protanopia

178.6820, 69.1950, -48.0930

Deuteranopia

180.1560, 85.8360, -35.7960



Tritanopia

193.8140, 36.3550, 18.4590

Trichromacy



Original Color

179.4170, 80.4270, -42.3970

Protanomaly

178.8890, 73.0460, -46.2980

Deuteranomaly

179.9060, 83.5440, -38.3120

Tritanomaly

188.5990, 52.1770, -3.9750

Monochromacy



Original Color

179.4170, 80.4270, -42.3970

Achromatopsia

179.0000, -0.0000, -0.0000

Achromatomaly

179.1290, 29.7130, -15.3670

CSS Examples

Text

The CSS property to change the color of the text to YIQ 179.4170, 80.4270, -42.3970 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(230, 185, 18)` looks like.

```
.text, #text, p{  
    color:rgb(230, 185, 18)  
}
```

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(230, 185, 18) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 185, 18) }
```

Border

The CSS property to change the border of an element to YIQ 179.4170, 80.4270, -42.3970 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(230, 185, 18) }
```


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

```
.border{ border-color:rgb(230, 185, 18) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 185, 18)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 185, 18); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 185, 18);  
box-shadow:4px 4px 4px 4px rgb(230, 185,  
18) }
```

Background

The CSS property to change the background color of an element to YIQ 179.4170, 80.4270, -42.3970 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 185, 18) }
```

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

```
.background{ background-color: rgb(230,  
185, 18) }
```

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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