

Converting Colors

YIQ(182.0630, 81.6640,
-37.2800)

Have a look what the booklet for
YIQ(182.0630, 81.6640, -37.2800)
contains.

YIQ(182.0630, 81.6640, -37.2800)	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(182.0630, 81.6640,
-37.2800)**

Conversions

Conversions Part 1

Format	Color
Hex	EDB81C
RGB	237, 184, 28
RGB Percent	93%, 72%, 11%
CMY	0.0706, 0.2785, 0.8897
CMYK	0.00, 0.22, 0.88, 0.07
HSL	45°, 85%, 52%
HSV	45°, 88%, 93%
XYZ	52.2743, 52.3617, 8.4574
YIQ	182.0630, 81.6640, -37.2800

Conversions

Conversions Part 2

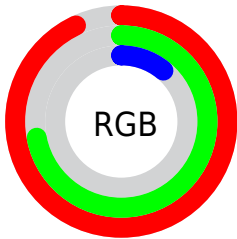
Format	Color
RYB	99, 237, 28
Decimal	15579164
CIELab	77.50, 6.65, 75.87
CIELCh	77, 76.158, 84.988
Yxy	52.3617, 0.4622, 0.4630
Android (android.graphics.Color)	4293769244 (0xFFEDB81C)
YUV	182.0630, -75.9531, 48.1797
Hunter-Lab	72.3614, 2.3169, 43.7233

Details

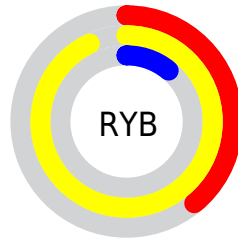
The YIQ color **182.0630, 81.6640, -37.2800** is a dark color, and the websafe version is hex **FFCC33**. The color can be described as middle washed orange. A complement of this color would be **82.9370, -81.6640, 37.2800**, and the grayscale version is **183.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **227.6130, 56.4480, -42.8480**, and **129.5210, 68.8710, -31.2010** is the 20% darker color. If you saturate the color by 10%, you get **175.8050, 91.0180, -41.6060**, and if you desaturate by 10%, it is **188.3210, 72.3100, -32.9540**.

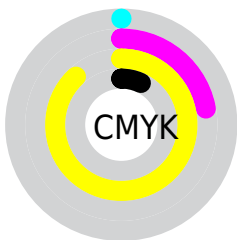
Distribution



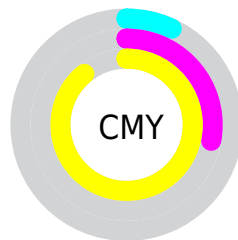
- Red (93%)
- Green (72%)
- Blue (11%)



- Red (39%)
- Yellow (93%)
- Blue (11%)



- Cyan (0%)
- Magenta (22%)
- Yellow (88%)
- Black (7%)



- Cyan (7%)
- Magenta (28%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 182.0630, 81.6640, -37.2800 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 182.0630, 81.6640, -37.2800 by changing the saturation by 10% instead.

182.0630, 81.6640,
-37.2800

182.0630, 81.6640,
-37.2800

255.0000, -0.0000,
-0.0000

153.7530, 79.6010,
-38.4390

227.6130, 56.4480,
-42.8480

129.5210, 68.8710,
-31.2010

239.7240, 43.0140,
-41.6740

105.8760, 57.8660,
-24.4860

242.9160, 34.0260,
-32.9660

83.7040, 46.9070,
-18.6050

246.2220, 24.7170,
-23.9470

61.8310, 36.5440,
-12.5120

249.5280, 15.4080,
-14.9280

40.8440, 26.5020,
-6.7300

252.8340, 6.0990,

22.2160, 16.8270,

-5.9090

-2.0930

■ 0.0000, 0.0000,
0.0000

■ 182.0630, 81.6640,
-37.2800

■ 182.0630, 81.6640,
-37.2800

■ 175.8050, 91.0180,
-41.6060

■ 188.3210, 72.3100,
-32.9540

■ 174.7620, 92.5770,
-42.3270

■ 194.5790, 62.9560,
-28.6280

■ 200.7230, 53.9230,
-24.6130

■ 206.9810, 44.5690,
-20.2870

■ 213.2390, 35.2150,
-15.9610

■ 219.3830, 26.1820,
-11.9460

■ 225.6410, 16.8280,
-7.6200

■ 231.8990, 7.4740,
-3.2940

■ 238.0430, -1.5590,
0.7210

Harmonies

Analogous

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



176.3670, 85.0050, -4.2030



182.0630, 81.6640, -37.2800



176.1100, 29.5830, -57.0810

Triad

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



182.0630, 81.6640, -37.2800



159.8740, -141.5290, -39.7130



191.0170, 29.9750, 57.0070

Complementary

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



182.0630, 81.6640, -37.2800



82.9370, -81.6640, 37.2800

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.



184.0870, -30.0810, 22.0390



182.0630, 81.6640, -37.2800



157.0360, -141.8050, -34.7090

Square

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



182.0630, 81.6640, -37.2800



151.6660, -118.4170, -62.1050



148.2310, -137.6800, -26.8640



172.5170, 51.7540, 53.2740

Rectangle

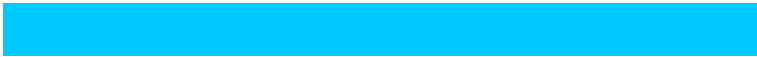
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



182.0630, 81.6640, -37.2800



168.3830, -19.6580, -62.2660



148.2310, -137.6800, -26.8640



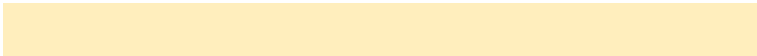
192.9890, 18.0100, 48.0740

Sweetspot

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



182.0630, 81.6640, -37.2800



237.4970, 25.8610, -11.6350



96.8750, 106.5880, 61.7240



116.9830, 15.8650, -6.6870



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.



182.0630, 81.6640, -37.2800



187.7750, 99.7300, -45.3100



198.5230, 37.8850, -75.3870



113.9850, 4.3560, -1.8520



133.3640, 70.7510, -32.2330



39.6260, 21.1840, -9.4720

Inverse Universe

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



82.9370, -81.6640, 37.2800



67.2250, -99.7300, 45.3100



66.4770, -37.8850, 75.3870



109.0150, -4.3560, 1.8520



47.6360, -70.7510, 32.2330



14.3740, -21.1840, 9.4720

Previews

White Background



This preview shows how the YIQ color 182.0630, 81.6640, -37.2800 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 182.0630, 81.6640, -37.2800 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 182.0630, 81.6640, -37.2800

Background



This preview shows how black text looks on a background with the YIQ color 182.0630, 81.6640, -37.2800.



This preview shows how white text looks on a background with the YIQ color 182.0630, 81.6640,

-37.2800.

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

182.0630, 81.6640, -37.2800

Protanopia

180.8220, 65.9850, -44.9830

Deuteranopia

182.6120, 84.5520, -34.5520



Tritanopia

194.9070, 40.5270, 19.9430

Trichromacy



Original Color

182.0630, 81.6640, -37.2800

Protanomaly

181.3390, 71.8990, -42.0290

Deuteranomaly

182.4870, 83.4060, -35.8100

Tritanomaly

190.4470, 55.6610, -1.0350

Monochromacy



Original Color

182.0630, 81.6640, -37.2800

Achromatopsia

182.0000, -0.0000, -0.0000

Achromatomaly

182.1830, 29.6210, -13.6990

CSS Examples

Text

The CSS property to change the color of the text to YIQ 182.0630, 81.6640, -37.2800 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(237, 184, 28)` looks like.

```
.text, #text, p{  
    color:rgb(237, 184, 28)  
}
```

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(237, 184, 28) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 184, 28) }
```

Border

The CSS property to change the border of an element to YIQ 182.0630, 81.6640, -37.2800 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(237, 184, 28) }
```


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

```
.border{ border-color:rgb(237, 184, 28) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 184, 28)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 184, 28); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 184, 28);  
box-shadow:4px 4px 4px 4px rgb(237, 184,  
28) }
```

Background

The CSS property to change the background color of an element to YIQ 182.0630, 81.6640, -37.2800 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 184, 28) }
```

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

```
.background{ background-color: rgb(237,  
184, 28) }
```

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