

Converting Colors

YIQ(186.2850, 37.6010,
-26.1670)

Have a look what the booklet for
YIQ(186.2850, 37.6010, -26.1670)
contains.

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Color

**YIQ(186.2850, 37.6010,
-26.1670)**

Conversions

Conversions Part 1

Format	Color
Hex	CEC164
RGB	206, 193, 100
RGB Percent	81%, 76%, 39%
CMY	0.1922, 0.2431, 0.6076
CMYK	0.00, 0.06, 0.51, 0.19
HSL	53°, 52%, 60%
HSV	53°, 51%, 81%
XYZ	46.8234, 52.1794, 19.6747
YIQ	186.2850, 37.6010, -26.1670

Conversions

Conversions Part 2

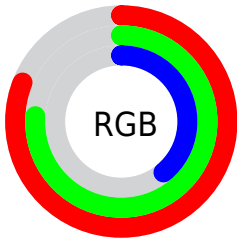
Format	Color
RYB	115, 206, 100
Decimal	13549924
CIELab	77.39, -7.64, 47.94
CIELCh	77, 48.549, 99.057
Yxy	52.1794, 0.3945, 0.4397
Android (android.graphics.Color)	4291740004 (0xFFCEC164)
YUV	186.2850, -42.5385, 17.2901
Hunter-Lab	72.2353, -10.7070, 34.4159

Details

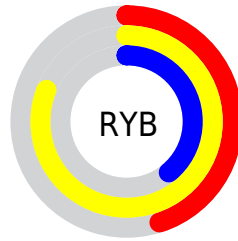
The YIQ color **186.2850, 37.6010, -26.1670** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **119.7150, -37.6010, 26.1670**, and the grayscale version is **187.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **239.8500, 34.3920, -28.5840**, and **132.3170, 34.5750, -26.3930** is the 20% darker color. If you saturate the color by 10%, you get **182.1300, 45.1670, -31.1290**, and if you desaturate by 10%, it is **190.4400, 30.0350, -21.2050**.

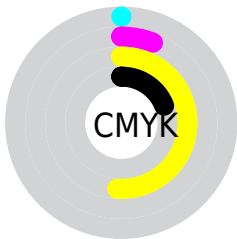
Distribution



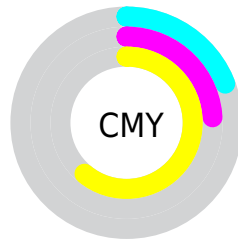
- Red (81%)
- Green (76%)
- Blue (39%)



- Red (45%)
- Yellow (81%)
- Blue (39%)



- Cyan (0%)
- Magenta (6%)
- Yellow (51%)
- Black (19%)



- Cyan (19%)
- Magenta (24%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 186.2850, 37.6010, -26.1670 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 186.2850, 37.6010, -26.1670 by changing the saturation by 10% instead.

■ 186.2850, 37.6010,
-26.1670

■ 186.2850, 37.6010,
-26.1670

■ 255.0000, -0.0000,
-0.0000

■ 158.8010, 36.0880,
-26.2800

■ 239.8500, 34.3920,
-28.5840

■ 132.3170, 34.5750,
-26.3930

■ 246.5640, 23.7540,
-23.0140

■ 105.9040, 34.3000,
-26.9160

■ 249.7560, 14.7660,
-14.3060

■ 81.2350, 31.8700,
-26.9300

■ 252.9480, 5.7780,
-5.5980

■ 60.2590, 23.2950,
-20.2010

■ 39.5710, 13.8490,
-14.2070

■ 20.3560, 4.4490,

-9.0470

■ 0.0000, 0.0000,
0.0000

■ 186.2850, 37.6010,
-26.1670

■ 186.2850, 37.6010,
-26.1670

■ 182.1300, 45.1670,
-31.1290

■ 190.4400, 30.0350,
-21.2050

■ 178.6760, 52.1370,
-36.3030

■ 193.8940, 23.0650,
-16.0310

■ 174.5210, 59.7030,
-41.2650

■ 198.0490, 15.4990,
-11.0690

■ 171.0670, 66.6730,
-46.4390

■ 201.5030, 8.5290,
-5.8950

■ 167.8410, 73.0010,
-50.9910

■ 205.6580, 0.9630,
-0.9330

■ 209.2260, -6.3280,
4.5520

■ 213.2670,
-13.5730, 9.2030

■ 215.6950,
-17.6540, 11.5780

■ 217.4560,
-18.4790, 10.0090

Harmonies

Analogous

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



189.3520, 62.9980, -7.3540



186.2850, 37.6010, -26.1670



180.8440, -1.0020, -36.9220

Triad

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



186.2850, 37.6010, -26.1670



152.6020, -137.5870, -34.0590



195.1140, 36.3510, 40.5670

Complementary

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



186.2850, 37.6010, -26.1670



119.7150, -37.6010, 26.1670

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.



194.8950, -2.7570, 33.4590



186.2850, 37.6010, -26.1670



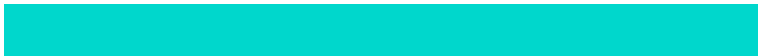
156.8800, -123.3300, -22.6100

Square

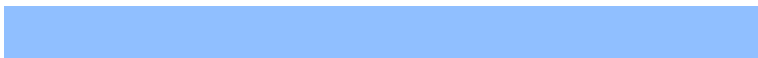
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



186.2850, 37.6010, -26.1670



149.4610, -124.6090, -49.0010



184.2430, -48.5560, 9.9400



187.6360, 51.8960, 28.6640

Rectangle

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



186.2850, 37.6010, -26.1670



175.1530, -32.7290, -40.1290



184.2430, -48.5560, 9.9400



196.9540, 25.1180, 40.3980

Sweetspot

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



186.2850, 37.6010, -26.1670



247.7330, 13.5730, -9.2030



133.2900, 58.6820, 26.8260



123.6170, 8.2080, -5.5840



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.



186.2850, 37.6010, -26.1670



225.8350, 55.9430, -39.2010



182.2550, 10.7820, -41.2340



100.2730, 3.4850, -2.5870



134.7490, 59.0610, -40.6430



31.3200, 13.2980, -9.7260

Inverse Universe

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



119.7150, -37.6010, 26.1670



126.1650, -55.9430, 39.2010



123.7450, -10.7820, 41.2340



93.7270, -3.4850, 2.5870



30.6640, -58.7860, 41.1660



7.2670, -13.5730, 9.2030

Previews

White Background



This preview shows how the YIQ color 186.2850, 37.6010, -26.1670 looks on a white background.

Color Contrast Check

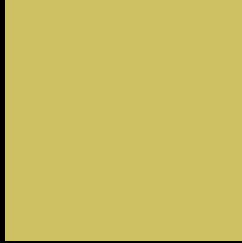
Large Text (above 18pt) WCAG AA × Fail

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 186.2850, 37.6010, -26.1670 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

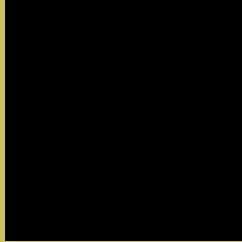
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 186.2850, 37.6010, -26.1670

Background



This preview shows how black text looks on a background with the YIQ color 186.2850, 37.6010, -26.1670.



This preview shows how white text looks on a background with the YIQ color 186.2850, 37.6010,

-26.1670.

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

186.2850, 37.6010, -26.1670

Protanopia

186.4920, 41.4520, -24.3720

Deuteranopia

188.5420, 56.3510, -13.5450



Tritanopia

193.7620, 15.7700, 11.5620

Trichromacy



Original Color

186.2850, 37.6010, -26.1670

Protanomaly

186.4810, 39.9850, -25.3190

Deuteranomaly

187.7860, 49.6120, -18.0680

Tritanomaly

190.9240, 23.5210, -2.2630

Monochromacy



Original Color

186.2850, 37.6010, -26.1670

Achromatopsia

186.0000, -0.0000, -0.0000

Achromatomaly

186.3200, 13.2980, -9.7260

CSS Examples

Text

The CSS property to change the color of the text to YIQ 186.2850, 37.6010, -26.1670 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(206, 193, 100)` looks like.

```
.text, #text, p{  
    color:rgb(206, 193, 100)  
}
```

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(206, 193, 100) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 193, 100) }
```

Border

The CSS property to change the border of an element to YIQ 186.2850, 37.6010, -26.1670 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(206, 193, 100) }
```


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

```
.border{ border-color:rgb(206, 193, 100) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 193, 100)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 193, 100); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 193, 100);  
box-shadow:4px 4px 4px 4px rgb(206, 193,  
100) }
```

Background

The CSS property to change the background color of an element to YIQ 186.2850, 37.6010, -26.1670 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 193, 100) }
```

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

```
.background{ background-color: rgb(206,  
193, 100) }
```

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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