

Converting Colors

YIQ(182.5780, 37.1930,
-51.8230)

Have a look what the booklet for
YIQ(182.5780, 37.1930, -51.8230)
contains.

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Color

**YIQ(182.5780, 37.1930,
-51.8230)**

Conversions

Conversions Part 1

Format	Color
Hex	BACE35
RGB	186, 206, 53
RGB Percent	73%, 81%, 21%
CMY	0.2707, 0.1921, 0.7919
CMYK	0.10, 0.00, 0.74, 0.19
HSL	68°, 61%, 51%
HSV	68°, 74%, 81%
XYZ	42.9583, 54.8387, 11.6971
YIQ	182.5780, 37.1930, -51.8230

Conversions

Conversions Part 2

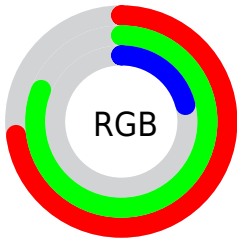
Format	Color
RYB	53, 206, 73
Decimal	12242485
CIELab	78.95, -25.55, 68.63
CIELCh	79, 73.229, 110.418
Yxy	54.8387, 0.3923, 0.5008
Android (android.graphics.Color)	4290432565 (0xFFBACE35)
YUV	182.5780, -63.8820, 3.0011
Hunter-Lab	74.0531, -26.0451, 42.4720

Details

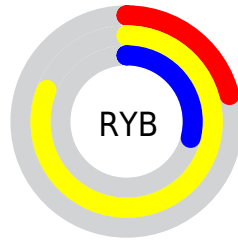
The YIQ color **182.5780, 37.1930, -51.8230** is a dark color, and the websafe version is hex **CCCC33**. The color can be described as middle muted chartreuse. A complement of this color would be **76.4220, -37.1930, 51.8230**, and the grayscale version is **183.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **235.5940, 40.2640, -46.9040**, and **127.7950, 35.0840, -52.1480** is the 20% darker color. If you saturate the color by 10%, you get **179.2870, 42.1460, -58.9900**, and if you desaturate by 10%, it is **185.8690, 32.2400, -44.6560**.

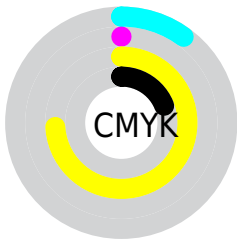
Distribution



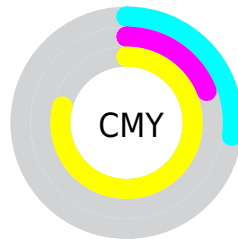
- Red (73%)
- Green (81%)
- Blue (21%)



- Red (21%)
- Yellow (81%)
- Blue (29%)



- Cyan (10%)
- Magenta (0%)
- Yellow (74%)
- Black (19%)



- Cyan (27%)
- Magenta (19%)
- Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 182.5780, 37.1930, -51.8230 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 182.5780, 37.1930, -51.8230 by changing the saturation by 10% instead.

■ 182.5780, 37.1930,
-51.8230

■ 182.5780, 37.1930,
-51.8230

255.0000, -0.0000,
-0.0000

■ 153.6120, 39.8530,
-55.9790

■ 235.5940, 40.2640,
-46.9040

■ 127.7950, 35.0840,
-52.1480

■ 241.7760, 37.2360,
-36.0760

■ 104.1610, 25.5460,
-44.4860

■ 244.9680, 28.2480,
-27.3680

■ 81.4130, 16.3290,
-37.1350

■ 248.2740, 18.9390,
-18.3490

■ 58.9530, 6.2410,
-30.5190

■ 251.5800, 9.6300,
-9.3300

■ 37.0800, -4.1220,
-24.4260

254.8860, 0.3210,

■ 19.3710, -9.0750,

-0.3110

-17.2590

■ 0.0000, 0.0000,
0.0000

■ 182.5780, 37.1930,
-51.8230

■ 182.5780, 37.1930,
-51.8230

■ 179.2870, 42.1460,
-58.9900

■ 185.8690, 32.2400,
-44.6560

■ 176.4090, 47.3740,
-65.6340

■ 188.7470, 27.0120,
-38.0120

■ 174.4430, 50.0340,
-69.7900

■ 192.0380, 22.0590,
-30.8450

■ 195.2150, 17.4270,
-23.9890

■ 198.2070, 11.8780,
-17.0340

■ 201.4980, 6.9250,
-9.8670

■ 204.6750, 2.2930,
-3.0110

■ 207.9660, -2.6600,
4.1560

■ 210.8440, -7.8880,
10.8000

Harmonies

Analogous

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



187.9310, 82.3960, -28.5160



182.5780, 37.1930, -51.8230



171.1950, -33.6880, -61.3040

Triad

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



182.5780, 37.1930, -51.8230



159.9710, -143.1800, -37.3240



179.9830, 44.5100, 52.3980

Complementary

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



182.5780, 37.1930, -51.8230



76.4220, -37.1930, 51.8230

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.



197.4740, 26.9500, 51.2540



182.5780, 37.1930, -51.8230



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.



182.5780, 37.1930, -51.8230



161.3100, -140.0610, -44.2930



184.8960, -40.0290, 15.0990



172.2310, 66.3380, 31.2500

Rectangle

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



182.5780, 37.1930, -51.8230



148.8330, -109.0620, -71.9580



184.8960, -40.0290, 15.0990



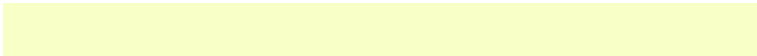
186.1270, 35.4770, 56.4130

Sweetspot

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



182.5780, 37.1930, -51.8230



246.5230, 13.8040, -18.9000



109.3130, 86.2380, 23.0220



122.6290, 7.9340, -11.6340



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.



182.5780, 37.1930, -51.8230



220.1520, 54.9870, -76.9570



160.4520, -6.9110, -67.5110



100.5610, 2.6140, -3.3220



140.4980, 40.1740, -56.2900



32.1730, 9.2180, -12.8780

Inverse Universe

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



76.4220, -37.1930, 51.8230



62.8480, -54.9870, 76.9570



98.5480, 6.9110, 67.5110



93.4390, -2.6140, 3.3220



25.5020, -40.1740, 56.2900



5.8270, -9.2180, 12.8780

Previews

White Background



This preview shows how the YIQ color 182.5780, 37.1930, -51.8230 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 182.5780, 37.1930, -51.8230 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 182.5780, 37.1930, -51.8230

Background



This preview shows how black text looks on a background with the YIQ color 182.5780, 37.1930, -51.8230.



This preview shows how white text looks on a background with the YIQ color 182.5780, 37.1930, -51.8230.

-51.8230.

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

182.5780, 37.1930, -51.8230

Protanopia

186.2330, 60.5740, -40.5300

Deuteranopia

188.6190, 74.6470, -25.7450



Tritanopia

196.4010, 0.5490, 6.5730

Trichromacy



Original Color

182.5780, 37.1930, -51.8230

Protanomaly

185.1070, 52.0010, -44.8550

Deuteranomaly

186.6940, 60.8940, -35.3140

Tritanomaly

191.4570, 14.1700, -14.5180

Monochromacy



Original Color

182.5780, 37.1930, -51.8230

Achromatopsia

183.0000, -0.0000, -0.0000

Achromatomaly

182.6370, 13.4830, -18.5890

CSS Examples

Text

The CSS property to change the color of the text to YIQ 182.5780, 37.1930, -51.8230 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(186, 206, 53)` looks like.

```
.text, #text, p{  
    color:rgb(186, 206, 53)  
}
```

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(186, 206, 53) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 206, 53) }
```

Border

The CSS property to change the border of an element to YIQ 182.5780, 37.1930, -51.8230 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(186, 206, 53) }
```


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

```
.border{ border-color:rgb(186, 206, 53) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 206, 53)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 206, 53); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 206, 53);  
box-shadow:4px 4px 4px 4px rgb(186, 206,  
53) }
```

Background

The CSS property to change the background color of an element to YIQ 182.5780, 37.1930, -51.8230 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 206, 53) }
```

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

```
.background{ background-color: rgb(186,  
206, 53) }
```

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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