

Converting Colors

YIQ(182.6730, 37.8830,
-64.3330)

Have a look what the booklet for
YIQ(182.6730, 37.8830, -64.3330)
contains.

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Color

**YIQ(182.6730, 37.8830,
-64.3330)**

Conversions

Conversions Part 1

Format	Color
Hex	B3D61F
RGB	179, 214, 31
RGB Percent	70%, 84%, 12%
CMY	0.2982, 0.1607, 0.8781
CMYK	0.16, 0.00, 0.85, 0.16
HSL	72°, 75%, 48%
HSV	72°, 85%, 84%
XYZ	42.8773, 57.7774, 10.1938
YIQ	182.6730, 37.8830, -64.3330

Conversions

Conversions Part 2

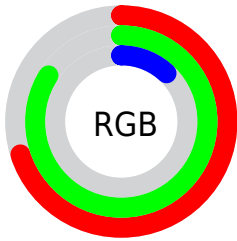
Format	Color
R _Y B	31, 214, 66
Decimal	11785759
CIE Lab	80.61, -32.97, 75.76
CIE LCh	81, 82.627, 113.519
Yxy	57.7774, 0.3868, 0.5212
Android (android.graphics.Color)	4289975839 (0xFFB3D61F)
YUV	182.6730, -74.7748, -3.2212
Hunter-Lab	76.0114, -32.3300, 45.2567

Details

The YIQ color **182.6730, 37.8830, -64.3330** is a dark color, and the websafe version is hex **99CC00**. The color can be described as middle washed chartreuse. A complement of this color would be **62.3270, -37.8830, 64.3330**, and the grayscale version is **183.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **231.9050, 40.5860, -52.7420**, and **129.5120, 28.3910, -57.5050** is the 20% darker color. If you saturate the color by 10%, you get **179.0830, 42.2400, -71.7120**, and if you desaturate by 10%, it is **186.2630, 33.5260, -56.9540**.

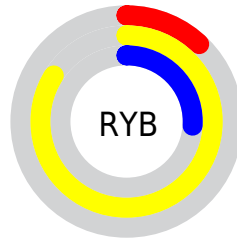
Distribution



Red (70%)

Green (84%)

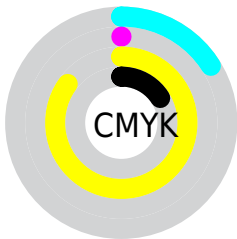
Blue (12%)



Red (12%)

Yellow (84%)

Blue (26%)

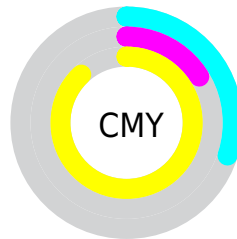


Cyan (16%)

Magenta (0%)

Yellow (85%)

Black (16%)



Cyan (30%)

Magenta (16%)

Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 182.6730, 37.8830, -64.3330 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 182.6730, 37.8830, -64.3330 by changing the saturation by 10% instead.

■ 182.6730, 37.8830,
-64.3330

■ 182.6730, 37.8830,
-64.3330

■ 255.0000, -0.0000,
-0.0000

■ 154.0320, 38.2500,
-65.4780

■ 231.9050, 40.5860,
-52.7420

■ 129.5120, 28.3910,
-57.5050

■ 240.2940, 41.4090,
-40.1190

■ 105.8780, 18.8530,
-49.8430

■ 243.6000, 32.1000,
-31.1000

■ 82.8310, 9.0400,
-42.7040

■ 246.9060, 22.7910,
-22.0810

■ 59.1860, -1.9650,
-35.9890

■ 250.2120, 13.4820,
-13.0620

■ 35.2200, -16.5000,
-31.3800

■ 253.6320, 3.8520,

■ 22.3060, -10.4500,

-3.7320

-19.8740

■ 2.3480, -1.1000,
-2.0920

■ 0.0000, 0.0000,
0.0000

■ 182.6730, 37.8830,
-64.3330

■ 182.6730, 37.8830,
-64.3330

■ 179.0830, 42.2400,
-71.7120

■ 186.2630, 33.5260,
-56.9540

■ 177.3450, 44.2580,
-75.2460

■ 189.9670, 28.8480,
-49.2640

■ 193.5570, 24.4910,
-41.8850

■ 197.2610, 19.8130,
-34.1950

■ 200.8510, 15.4560,
-26.8160

■ 204.7400, 11.6950,
-19.2250

■ 208.4440, 7.0170,
-11.5350

■ 212.0340, 2.6600,
-4.1560

■ 215.7380, -2.0180,
3.5340

Harmonies

Analogous

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



188.0350, 96.0620, -44.9140



182.6730, 37.8830, -64.3330



165.7960, -54.9140, -73.1060

Triad

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



182.6730, 37.8830, -64.3330



164.0800, -145.1050, -40.9850



174.1130, 47.2600, 57.6280

Complementary

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



182.6730, 37.8830, -64.3330



62.3270, -37.8830, 64.3330

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.



193.9520, 28.6000, 54.3920



182.6730, 37.8830, -64.3330



154.6880, -140.7050, -32.6170

Square

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



182.6730, 37.8830, -64.3330



167.6020, -146.7550, -44.1230



188.4730, -34.3440, 16.6960



168.2700, 70.6020, 31.0660

Rectangle

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



182.6730, 37.8830, -64.3330



154.2130, -113.1880, -74.2760



188.4730, -34.3440, 16.6960



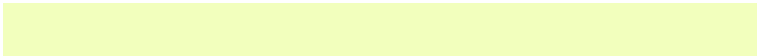
181.1860, 36.9890, 62.0530

Sweetspot

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



182.6730, 37.8830, -64.3330



243.5890, 13.4380, -23.2820



105.6750, 99.7180, 21.0140



121.0480, 8.0720, -14.1360



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.



182.6730, 37.8830, -64.3330



211.2790, 52.6510, -89.6930



155.7630, -15.7570, -83.4130



105.1480, 2.3390, -3.8450



141.6390, 35.2230, -60.1770



35.7060, 9.0350, -15.0690

Inverse Universe

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



62.3270, -37.8830, 64.3330



43.7210, -52.6510, 89.6930



89.2370, 15.7570, 83.4130



97.8520, -2.3390, 3.8450



29.3610, -35.2230, 60.1770



7.2940, -9.0350, 15.0690

Previews

White Background



This preview shows how the YIQ color 182.6730, 37.8830, -64.3330 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 182.6730, 37.8830, -64.3330 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 182.6730, 37.8830, -64.3330

Background



This preview shows how black text looks on a background with the YIQ color 182.6730, 37.8830, -64.3330.



This preview shows how white text looks on a background with the YIQ color 182.6730, 37.8830,

-64.3330.

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

182.6730, 37.8830, -64.3330

Protanopia

187.7530, 70.4330, -48.5030

Deuteranopia

191.3500, 82.5340, -31.0180



Tritanopia

199.9270, -6.9240, 4.3400

Trichromacy



Original Color

182.6730, 37.8830, -64.3330

Protanomaly

185.7190, 58.6050, -54.4110

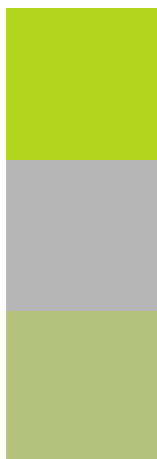
Deuteranomaly

188.1750, 66.4890, -43.1030

Tritanomaly

193.4300, 9.6320, -20.3840

Monochromacy



Original Color

182.6730, 37.8830, -64.3330

Achromatopsia

183.0000, -0.0000, -0.0000

Achromatomaly

182.8880, 14.0340, -23.0700

CSS Examples

Text

The CSS property to change the color of the text to YIQ 182.6730, 37.8830, -64.3330 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(179, 214, 31)` looks like.

```
.text, #text, p{  
    color:rgb(179, 214, 31)  
}
```

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(179, 214, 31) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 214, 31) }
```

Border

The CSS property to change the border of an element to YIQ 182.6730, 37.8830, -64.3330 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(179, 214, 31) }
```


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

```
.border{ border-color:rgb(179, 214, 31) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 214, 31)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 214, 31); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 214, 31);  
box-shadow:4px 4px 4px 4px rgb(179, 214,  
31) }
```

Background

The CSS property to change the background color of an element to YIQ 182.6730, 37.8830, -64.3330 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 214, 31) }
```

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

```
.background{ background-color: rgb(179,  
214, 31) }
```

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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