

Converting Colors

YIQ(137.7730, 59.6540,
-23.8500)

Have a look what the booklet for
YIQ(137.7730, 59.6540, -23.8500)
contains.

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Color

**YIQ(137.7730, 59.6540,
-23.8500)**

Conversions

Conversions Part 1

Format	Color
Hex	B4891F
RGB	180, 137, 31
RGB Percent	71%, 54%, 12%
CMY	0.2941, 0.4628, 0.8781
CMYK	0.00, 0.24, 0.83, 0.29
HSL	43°, 71%, 41%
HSV	43°, 83%, 71%
XYZ	28.0160, 27.6899, 5.1700
YIQ	137.7730, 59.6540, -23.8500

Conversions

Conversions Part 2

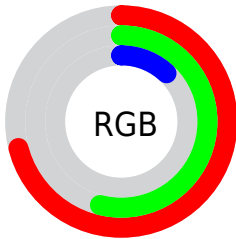
Format	Color
R_{YB}	91, 180, 31
Decimal	11831583
CIE _{Lab}	59.61, 6.86, 57.94
CIE _{LCh}	60, 58.340, 83.246
Yxy	27.6899, 0.4602, 0.4549
Android (android.graphics.Color)	4290021663 (0xFFB4891F)
YUV	137.7730, -52.6391, 37.0331
Hunter-Lab	52.6212, 2.9480, 31.0096

Details

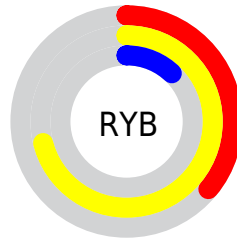
The YIQ color **137.7730, 59.6540, -23.8500** is a dark color, and the websafe version is hex **CC9933**. A complement of this color would be **73.2270, -59.6540, 23.8500**, and the grayscale version is **138.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **193.0940, 63.1840, -21.7440**, and **88.1340, 48.5120, -20.1600** is the 20% darker color. If you saturate the color by 10%, you get **132.7860, 66.8070, -26.8330**, and if you desaturate by 10%, it is **142.7600, 52.5010, -20.8670**.

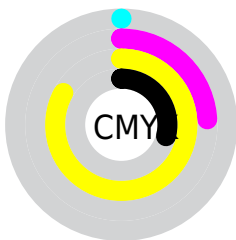
Distribution



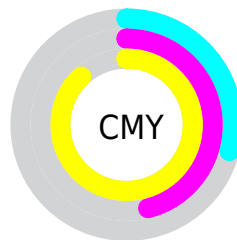
- Red (71%)
- Green (54%)
- Blue (12%)



- Red (36%)
- Yellow (71%)
- Blue (12%)



- Cyan (0%)
- Magenta (24%)
- Yellow (83%)
- Black (29%)



- Cyan (29%)
- Magenta (46%)
- Yellow (88%)
- Black (0%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 137.7730, 59.6540, -23.8500 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 137.7730, 59.6540, -23.8500 by changing the saturation by 10% instead.

■ 137.7730, 59.6540,
-23.8500

■ 137.7730, 59.6540,
-23.8500

■ 255.0000, -0.0000,
-0.0000

■ 110.8930, 59.1960,
-26.5640

■ 193.0940, 63.1840,
-21.7440

■ 88.1340, 48.5120,
-20.1600

■ 216.9790, 56.0780,
-25.1220

■ 65.9730, 39.0200,
-13.3320

■ 236.4930, 39.7110,
-31.3690

■ 45.5730, 28.7030,
-8.0730

■ 244.9680, 28.2480,
-27.3680

■ 26.0590, 18.7070,
-3.1250

■ 248.1600, 19.2600,
-18.6600

■ 3.8870, 7.7480,
2.7560

■ 251.3520, 10.2720,

■ 0.0000, 0.0000,

-9.9520

0.0000

254.7720, 0.6420,
-0.6220

■ 137.7730, 59.6540,
-23.8500

■ 137.7730, 59.6540,
-23.8500

■ 132.7860, 66.8070,
-26.8330

■ 142.7600, 52.5010,
-20.8670

■ 128.9560, 72.0800,
-28.7840

■ 147.7470, 45.3480,
-17.8840

■ 153.3210, 37.9200,
-15.4240

■ 158.3080, 30.7670,
-12.4410

■ 163.2950, 23.6140,
-9.4580

■ 168.2820, 16.4610,
-6.4750

■ 173.2690, 9.3080,
-3.4920

■ 178.8430, 1.8800,
-1.0320

■ 183.8300, -5.2730,
1.9510

Harmonies

Analogous

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



140.6300, 77.2550, 4.0950



137.7730, 59.6540, -23.8500



133.4260, 23.4820, -40.1180

Triad

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



137.7730, 59.6540, -23.8500



119.4780, -104.9430, -30.9510



148.1200, 19.0190, 46.3070

Complementary

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



137.7730, 59.6540, -23.8500



73.2270, -59.6540, 23.8500

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.



143.1540, -40.2150, 29.4890



137.7730, 59.6540, -23.8500



121.9180, -117.3250, -15.7970

Square

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



137.7730, 59.6540, -23.8500



112.8490, -87.6550, -46.9110



117.8550, -121.0410, -3.5130



143.0200, 60.2830, 47.3790

Rectangle

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



137.7730, 59.6540, -23.8500



128.4250, -10.3080, -44.4840



117.8550, -121.0410, -3.5130



147.7310, 1.0010, 42.4490

Sweetspot

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



137.7730, 59.6540, -23.8500



218.2950, 23.6140, -9.4580



80.6810, 74.3590, 45.5830



107.1400, 13.9850, -5.6550



245.0000, -0.0000, 0.0000



117.0000, -0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



137.7730, 59.6540, -23.8500



169.1090, 93.2180, -37.4220



154.0440, 29.9490, -52.6990



86.8000, 3.4390, -1.7530



109.7300, 61.2130, -24.5710



18.3400, 10.5460, -3.9020

Inverse Universe

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



73.2270, -59.6540, 23.8500



67.8910, -93.2180, 37.4220



56.9560, -29.9490, 52.6990



82.7870, -3.7140, 1.2300



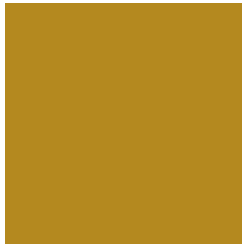
43.2700, -61.2130, 24.5710



7.0730, -10.2710, 4.4250

Previews

White Background



This preview shows how the YIQ color 137.7730, 59.6540, -23.8500 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 137.7730, 59.6540, -23.8500 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 × Fail

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

YIQ 137.7730, 59.6540, -23.8500

Background



This preview shows how black text looks on a background with the YIQ color 137.7730, 59.6540, -23.8500.



This preview shows how white text looks on a background with the YIQ color 137.7730, 59.6540, -23.8500.

-23.8500.

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

137.7730, 59.6540, -23.8500

Protanopia

136.7280, 46.3590, -30.7050

Deuteranopia

137.4850, 60.5250, -23.1150



Tritanopia

146.3680, 31.6790, 15.0950

Trichromacy



Original Color

137.7730, 59.6540, -23.8500

Protanomaly

136.9460, 51.6770, -27.9630

Deuteranomaly

137.4850, 60.5250, -23.1150

Tritanomaly

143.0850, 42.1810, 0.9730

Monochromacy



Original Color

137.7730, 59.6540, -23.8500

Achromatopsia

138.0000, -0.0000, -0.0000

Achromatomaly

138.0390, 21.4590, -8.9490

CSS Examples

Text

The CSS property to change the color of the text to YIQ 137.7730, 59.6540, -23.8500 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(180, 137, 31)` looks like.

```
.text, #text, p{  
    color:rgb(180, 137, 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(180, 137, 31) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 137, 31) }
```

Border

The CSS property to change the border of an element to YIQ 137.7730, 59.6540, -23.8500 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(180, 137, 31) }
```


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

```
.border{ border-color:rgb(180, 137, 31) }
```

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

Here you see how a box with a 4 pixel rgb(180, 137, 31) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 137, 31); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 137, 31);  
box-shadow:4px 4px 4px 4px rgb(180, 137,  
31) }
```

Background

The CSS property to change the background color of an element to YIQ 137.7730, 59.6540, -23.8500 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 137, 31) }
```

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

```
.background{ background-color: rgb(180,  
137, 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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