

Converting Colors

YIQ(137.3050, 53.1850, -0.2150)

Have a look what the booklet for
YIQ(137.3050, 53.1850, -0.2150)
contains.

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Color

**YIQ(137.3050, 53.1850,
-0.2150)**

Conversions

Conversions Part 1

Format	Color
Hex	BC7B4E
RGB	188, 123, 78
RGB Percent	74%, 48%, 31%
CMY	0.2626, 0.5177, 0.6939
CMYK	0.00, 0.35, 0.58, 0.26
HSL	25°, 45%, 52%
HSV	25°, 58%, 74%
XYZ	29.2039, 25.4055, 10.5841
YIQ	137.3050, 53.1850, -0.2150

Conversions

Conversions Part 2

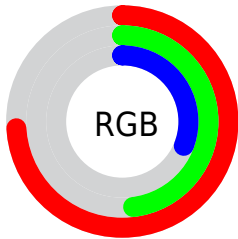
Format	Color
R _Y B	188, 154, 78
Decimal	12352334
CIE Lab	57.47, 20.72, 34.71
CIE LCh	57, 40.425, 59.166
Yxy	25.4055, 0.4480, 0.3897
Android (android.graphics.Color)	4290542414 (0xFFBC7B4E)
YUV	137.3050, -29.2374, 44.4595
Hunter-Lab	50.4039, 15.2158, 22.8327

Details

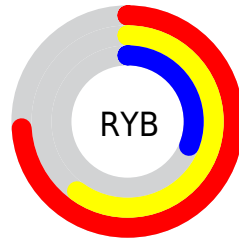
The YIQ color **137.3050, 53.1850, -0.2150** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **128.6950, -53.1850, 0.2150**, and the grayscale version is **138.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **191.7570, 57.7240, 0.1240**, and **86.1410, 47.7750, -1.2890** is the 20% darker color. If you saturate the color by 10%, you get **128.6820, 62.3090, -0.3710**, and if you desaturate by 10%, it is **145.9280, 44.0610, -0.0590**.

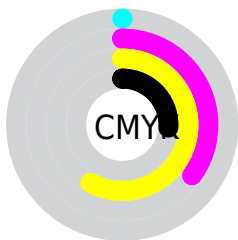
Distribution



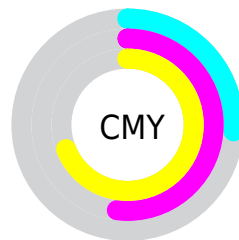
- Red (74%)
- Green (48%)
- Blue (31%)



- Red (74%)
- Yellow (60%)
- Blue (31%)



- Cyan (0%)
- Magenta (35%)
- Yellow (58%)
- Black (26%)





- Cyan (26%)
- Magenta (52%)
- Yellow (69%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 137.3050, 53.1850, -0.2150 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 137.3050, 53.1850, -0.2150 by changing the saturation by 10% instead.


 137.3050, 53.1850,
-0.2150


 137.3050, 53.1850,
-0.2150


255.0000, -0.0000,
-0.0000


 111.2230, 50.4800,
-0.7520


 191.7570, 57.7240,
0.1240


 86.1410, 47.7750,
-1.2890


 212.9620, 46.7210,
-4.2150


 61.6460, 44.7950,
-2.3490


 232.4760, 30.3540,
-10.4620

 40.0460, 37.9170,
1.1570

 249.7560, 14.7660,
-14.3060

 19.0590, 27.8750,
6.9390

 253.0620, 5.4570,
-5.2870

 6.5780, 13.1120,
4.6640

 0.0000, 0.0000,

0.0000

■ 137.3050, 53.1850,
-0.2150

■ 137.3050, 53.1850,
-0.2150

■ 128.6820, 62.3090,
-0.3710

■ 145.9280, 44.0610,
-0.0590

■ 120.0590, 71.4330,
-0.5270

■ 154.5510, 34.9370,
0.0970

■ 111.5500, 80.2360,
-0.3720

■ 163.0600, 26.1340,
-0.0580

■ 102.3400, 89.6350,
-0.0050

■ 171.6830, 17.0100,
0.0980

■ 101.4110, 90.8730,
-0.4150

■ 180.8930, 7.6110,
-0.2690

■ 189.5160, -1.5130,
-0.1130

■ 198.1390,
-10.6370, 0.0430

■ 206.6480,
-19.4400, -0.1120

■ 215.2710,
-28.5640, 0.0440

Harmonies

Analogous

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



138.8240, 56.7580, 17.6380



137.3050, 53.1850, -0.2150



135.1960, 36.7740, -16.6820

Triad

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



137.3050, 53.1850, -0.2150



107.0760, -86.5560, -39.2920



140.0840, -16.8310, 24.2010

Complementary

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



137.3050, 53.1850, -0.2150



128.6950, -53.1850, 0.2150

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.



129.4910, -61.1180, 6.3220



137.3050, 53.1850, -0.2150



111.0660, -97.7910, -28.4070

Square

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



137.3050, 53.1850, -0.2150



125.1310, -26.4950, -31.9590



111.2090, -105.0830, -17.3950



142.1610, 19.8010, 32.1290

Rectangle

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



137.3050, 53.1850, -0.2150



132.7700, 20.1780, -24.2860



111.2090, -105.0830, -17.3950



138.2070, -30.5390, 19.3250

Sweetspot

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



137.3050, 53.1850, -0.2150



224.7220, 21.2740, -0.0860



118.4140, 44.3740, 43.8460



109.5300, 13.0670, -0.0290



250.0000, 0.0000, 0.0000



122.0000, 0.0000, -0.0000

Same Dimension

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



137.3050, 53.1850, -0.2150



165.5180, 83.2620, -0.1460



169.0030, 38.3350, -28.4570



90.0390, 4.2640, -0.1840



85.3970, 76.2930, -0.4990



16.3130, 15.1760, 0.2960

Inverse Universe

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



128.6950, -53.1850, 0.2150



152.4820, -83.2620, 0.1460



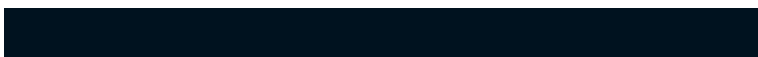
96.9970, -38.3350, 28.4570



88.9610, -4.2640, 0.1840



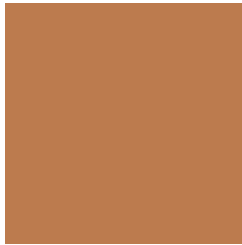
73.1900, -76.5680, -0.0240



14.1000, -14.9010, 0.2270

Previews

White Background



This preview shows how the YIQ color 137.3050, 53.1850, -0.2150 looks on a white background.

Color Contrast Check

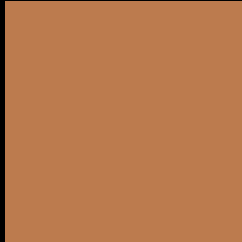
Large Text (above 18pt) WCAG AA ✓ Pass

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 137.3050, 53.1850, -0.2150 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

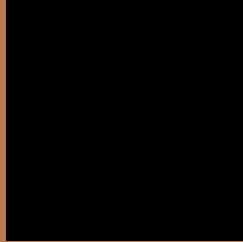
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 137.3050, 53.1850, -0.2150

Background



This preview shows how black text looks on a background with the YIQ color 137.3050, 53.1850, -0.2150.



This preview shows how white text looks on a background with the YIQ color 137.3050, 53.1850, -0.2150.

-0.2150.

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

137.3050, 53.1850, -0.2150

Protanopia

135.7310, 25.0820, -14.0380

Deuteranopia

136.6790, 40.0280, -9.5720



Tritanopia

140.4510, 41.8110, 18.6990

Trichromacy



Original Color

137.3050, 53.1850, -0.2150

Protanomaly

136.4550, 34.8470, -9.2890

Deuteranomaly

137.1250, 44.7040, -6.2080

Tritanomaly

139.3880, 46.1220, 12.1540

Monochromacy



Original Color

137.3050, 53.1850, -0.2150

Achromatopsia

137.0000, -0.0000, 0.0000

Achromatomaly

137.3520, 19.4400, 0.1120

CSS Examples

Text

The CSS property to change the color of the text to YIQ 137.3050, 53.1850, -0.2150 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(188, 123, 78)` looks like.

```
.text, #text, p{  
    color:rgb(188, 123, 78)  
}
```

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(188, 123, 78) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 123, 78) }
```

Border

The CSS property to change the border of an element to YIQ 137.3050, 53.1850, -0.2150 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(188, 123, 78) }
```


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

```
.border{ border-color:rgb(188, 123, 78) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 123, 78)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 123, 78); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 123, 78);  
box-shadow:4px 4px 4px 4px rgb(188, 123,  
78) }
```

Background

The CSS property to change the background color of an element to YIQ 137.3050, 53.1850, -0.2150 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 123, 78) }
```

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

```
.background{ background-color: rgb(188,  
123, 78) }
```

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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