Converting Colors

YIQ(137.2340, 51.9470, 0.1950)

Have a look what the booklet for YIQ(137.2340, 51.9470, 0.1950) contains.

Color

YIQ(137.2340, 51.9470, 0.1950)

Conversions

Format	Color
	Conversions Part 1
Hex	BB7B50
RGB	187, 123, 80
RGB Percent	73%, 48%, 31%
CMY	0.2665, 0.5177, 0.6860
CMYK	0.00, 0.34, 0.57, 0.27
HSL	24°, 44%, 52%
HSV	24°, 57%, 73%
XYZ	29.0312, 25.3081, 10.9561
YIQ	137.2340, 51.9470, 0.1950

Conversions

Conversions Part 2

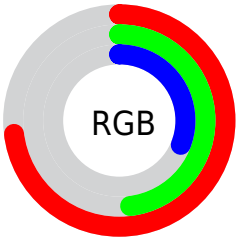
Format	Color
RYB	187, 152, 80
Decimal	12286800
CIELab	57.37, 20.46, 33.48
CIELCh	57, 39.239, 58.575
Yxy	25.3081, 0.4446, 0.3876
Android (android.graphics.Color)	4290476880 (0xFFBB7B50)
YUV	137.2340, -28.2164, 43.6448
Hunter-Lab	50.3072, 14.9709, 22.3026

Details

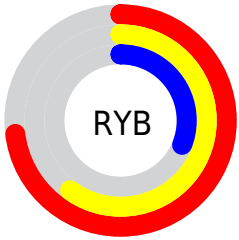
The YIQ color 137.2340, 51.9470, 0.1950 is a dark color, and the websafe version is hex 996633. A complement of this color would be 129.7660, -51.9470, -0.1950, and the grayscale version is 137.0000, -0.0000, 0.0000.

A 20% lighter version of the original color is 191.6860, 56.4860, 0.5340, and 86.0700, 46.5370, -0.8790 is the 20% darker color. If you saturate the color by 10%, you get 128.6110, 61.0710, 0.0390, and if you desaturate by 10%, it is 145.8570, 42.8230, 0.3510.

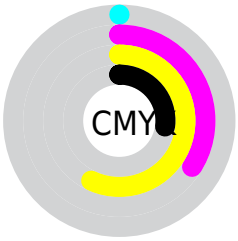
Distribution



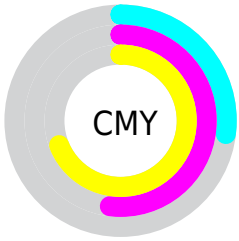
- Red (73%)
- Green (48%)
- Blue (31%)



- Red (73%)
- Yellow (60%)
- Blue (31%)



- Cyan (0%)
- Magenta (34%)
- Yellow (57%)
- Black (27%)



- Cyan (27%)
- Magenta (52%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 137.2340, 51.9470, 0.1950 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 137.2340, 51.9470, 0.1950 by changing the saturation by 10% instead.

137.2340, 51.9470, 0.1950

137.2340, 51.9470, 0.1950

255.0000, -0.0000, -0.0000

111.1520, 49.2420, -0.3420

191.6860, 56.4860, 0.5340

86.1840, 46.2160, -0.5680

213.1900, 46.0790, -3.5930

61.9880, 43.8320, -1.4160

232.8180, 29.3910, -9.5290

39.7470, 37.3210, 0.9450

249.9840, 14.1240, -13.6840

19.0590, 27.8750, 6.9390

253.2900, 4.8150, -4.6650

5.9800, 11.9200, 4.2400

0.0000, 0.0000,

0.0000

137.2340, 51.9470, 0.1950

137.2340, 51.9470, 0.1950

128.6110, 61.0710, 0.0390

145.8570, 42.8230, 0.3510

120.1020, 69.8740, 0.1940

154.3660, 34.0200, 0.1960

110.8920, 79.2730, 0.5610

163.5760, 24.6210, -0.1710

102.2690, 88.3970, 0.4050

172.1990, 15.4970, -0.0150

99.9380, 90.8270, 0.4190

180.8220, 6.3730, 0.1410

189.3310, -2.4300, -0.0140

197.9540, -11.5540, 0.1420

207.1640, -20.9530, -0.2250

215.6730, -29.7560, -0.3800

Harmonies

Analogous

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

138.9270, 54.9700, 17.0020

137.2340, 51.9470, 0.1950

134.8370, 36.4070, -15.5370

Triad

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

137.2340, 51.9470, 0.1950

106.9730, -84.7680, -38.6560

139.5570, -16.7850, 23.3670

Complementary

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

137.2340, 51.9470, 0.1950

129.7660, -51.9470, -0.1950

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.

129.8610, -59.2840, 6.1240

137.2340, 51.9470, 0.1950

110.2510, -96.8740, -28.5060

Square

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

137.2340, 51.9470, 0.1950

125.5550, -24.7530, -30.4890

110.2800, -103.8450, -17.8050

142.0360, 18.6550, 30.8710

Rectangle

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

137.2340, 51.9470, 0.1950

132.7100, 20.4070, -22.9290

110.2800, -103.8450, -17.8050

137.6800, -30.4930, 18.4910

Sweetspot

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

137.2340, 51.9470, 0.1950

223.2380, 19.7610, -0.1990

119.2890, 43.2280, 42.5880

111.0460, 11.5540, -0.1420

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.

137.2340, 51.9470, 0.1950

164.2620, 81.1070, 0.3630

168.3450, 37.3720, -27.5240

90.0390, 4.2640, -0.1840

84.2230, 76.8430, 0.5470

16.3130, 15.1760, 0.2960

Inverse Universe

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

129.7660, -51.9470, -0.1950

152.7380, -81.1070, -0.3630

98.6550, -37.3720, 27.5240

89.5480, -4.5390, -0.3390

73.7770, -76.8430, -0.5470

14.1000, -14.9010, 0.2270

Previews

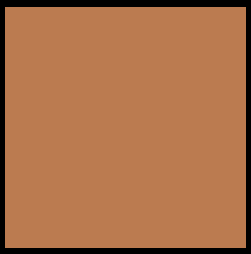
White Background

This preview shows how the YIQ color 137.2340, 51.9470, 0.1950 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



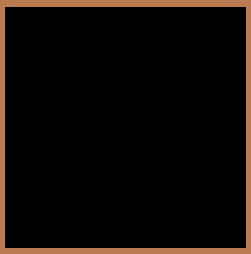
This preview shows how the YIQ color 137.2340, 51.9470, 0.1950 looks on a black background.

Color Contrast Check

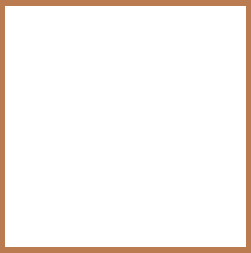
Large Text (above 18pt) WCAG AA ✓ Pass
Any Text WCAG AA ✓ Pass
Large Text (above 18pt) WCAG AAA ✓ Pass
Any Text WCAG AAA ✕ Fail

If you want to check with other color combinations, try the Color Contrast Checker.

YIQ 137.2340, 51.9470, 0.1950 Background



This preview shows how black text looks on a background with the YIQ color 137.2340, 51.9470, 0.1950.



This preview shows how white text looks on a background with the YIQ color 137.2340, 51.9470,

0.1950.

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
137.2340, 51.9470, 0.1950

Protanopia
135.9590, 24.4400, -13.4160

Deuteranopia
136.6080, 38.7900, -9.1620

Tritanopia
139.8530, 40.6190, 18.2750

Trichromacy

Original Color
137.2340, 51.9470, 0.1950

Protanomaly
136.6830, 34.2050, -8.6670

Deuteranomaly
137.0540, 43.4660, -5.7980

Tritanomaly
138.7900, 44.9300, 11.7300

Monochromacy

Original Color
137.2340, 51.9470, 0.1950

Achromatopsia
137.0000, -0.0000, 0.0000

Achromatomaly
137.0530, 18.8440, -0.1000

CSS Examples

Text

The CSS property to change the color of the text to YIQ 137.2340, 51.9470, 0.1950 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(187, 123, 80) looks like.

```
.text, #text, p{
    color:rgb(187, 123, 80)
}
```

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(187, 123, 80) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 123, 80) }
```

Border

The CSS property to change the border of an element to YIQ 137.2340, 51.9470, 0.1950 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(187, 123, 80) }
```

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

```
.border{ border-color:rgb(187, 123, 80) }
```

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

Here you see how a box with a 4 pixel rgb(187, 123, 80) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(187, 123, 80); -webkit-box-shadow:4px 4px 4px 4px rgb(187, 123, 80); box-shadow:4px 4px 4px 4px rgb(187, 123, 80) }
```

Background

The CSS property to change the background color of an element to YIQ 137.2340, 51.9470, 0.1950 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(187, 123, 80) }
```

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

```
.background{ background-color:rgb(187,
123, 80) }
```

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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