

Converting Colors

YIQ(137.2020, 54.9730, 0.4210)

Have a look what the booklet for
YIQ(137.2020, 54.9730, 0.4210)
contains.

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Color

**YIQ(137.2020, 54.9730,
0.4210)**

Conversions

Conversions Part 1

Format	Color
Hex	BE7A4D
RGB	190, 122, 77
RGB Percent	75%, 48%, 30%
CMY	0.2548, 0.5217, 0.6978
CMYK	0.00, 0.36, 0.59, 0.25
HSL	24°, 47%, 52%
HSV	24°, 59%, 75%
XYZ	29.5416, 25.4003, 10.3789
YIQ	137.2020, 54.9730, 0.4210

Conversions

Conversions Part 2

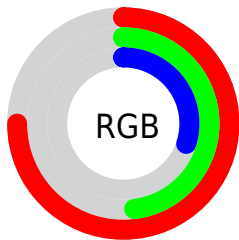
Format	Color
R_{YB}	190, 152, 77
Decimal	12483149
CIE Lab	57.46, 22.04, 35.30
CIE LCh	57, 41.614, 58.025
Yxy	25.4003, 0.4523, 0.3889
Android (android.graphics.Color)	4290673229 (0xFFBE7A4D)
YUV	137.2020, -29.6796, 46.3038
Hunter-Lab	50.3987, 16.4314, 23.0692

Details

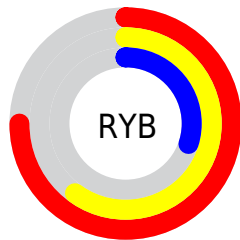
The YIQ color **137.2020, 54.9730, 0.4210** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **129.7980, -54.9730, -0.4210**, and the grayscale version is **137.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **191.6540, 59.5120, 0.7600**, and **86.0380, 49.5630, -0.6530** is the 20% darker color. If you saturate the color by 10%, you get **128.5790, 64.0970, 0.2650**, and if you desaturate by 10%, it is **145.8250, 45.8490, 0.5770**.

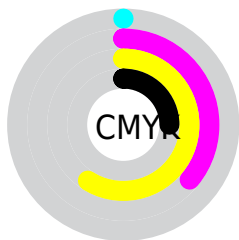
Distribution



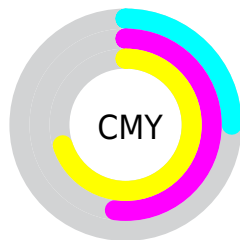
- Red (75%)
- Green (48%)
- Blue (30%)



- Red (75%)
- Yellow (60%)
- Blue (30%)



- Cyan (0%)
- Magenta (36%)
- Yellow (59%)
- Black (25%)





- Cyan (25%)
- Magenta (52%)
- Yellow (70%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 137.2020, 54.9730, 0.4210 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 137.2020, 54.9730, 0.4210 by changing the saturation by 10% instead.


 137.2020, 54.9730,
0.4210


 137.2020, 54.9730,
0.4210


255.0000, -0.0000,
-0.0000

 111.1200, 52.2680,
-0.1160


 191.6540, 59.5120,
0.7600


 86.0380, 49.5630,
-0.6530


 212.2610, 47.3170,
-4.0030


 61.5430, 46.5830,
-1.7130


 231.7750, 30.9500,
-10.2500

 39.1710, 39.0630,
2.4150

 249.6420, 15.0870,
-14.6170

 18.7710, 28.7460,
7.6740

 252.9480, 5.7780,
-5.5980

 6.8770, 13.7080,
4.8760

 0.0000, 0.0000,

0.0000

■ 137.2020, 54.9730,
0.4210

■ 137.2020, 54.9730,
0.4210

■ 128.5790, 64.0970,
0.2650

■ 145.8250, 45.8490,
0.5770

■ 119.3690, 73.4960,
0.6320

■ 155.0350, 36.4500,
0.2100

■ 110.7460, 82.6200,
0.4760

■ 163.6580, 27.3260,
0.3660

■ 101.5360, 92.0190,
0.8430

■ 172.8680, 17.9270,
-0.0010

■ 101.4220, 92.3400,
0.5320

■ 181.4910, 8.8030,
0.1550

■ 190.7010, -0.5960,
-0.2120

■ 199.3240, -9.7200,
-0.0560

■ 208.5340,
-19.1190, -0.4230

■ 217.1570,
-28.2430, -0.2670

Harmonies

Analogous

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



138.5360, 57.6290, 18.3730



137.2020, 54.9730, 0.4210



134.8650, 39.2040, -16.6680

Triad

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



137.2020, 54.9730, 0.4210



106.8480, -85.9140, -39.9140



139.7140, -18.6650, 24.3990

Complementary

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



137.2020, 54.9730, 0.4210



129.7980, -54.9730, -0.4210

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.



128.2130, -66.2070, 4.9370



137.2020, 54.9730, 0.4210



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.



137.2020, 54.9730, 0.4210



124.9030, -25.8530, -32.5810



111.9100, -105.6790, -17.6070



142.3890, 19.1590, 32.7510

Rectangle

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



137.2020, 54.9730, 0.4210



132.7270, 21.7370, -25.0070



111.9100, -105.6790, -17.6070



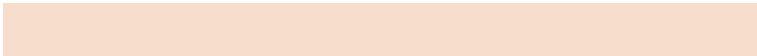
137.5380, -32.9690, 19.3110

Sweetspot

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



137.2020, 54.9730, 0.4210



226.7220, 21.2740, -0.0860



118.7670, 44.8780, 45.7260



111.8290, 13.6630, 0.1830



252.0000, 0.0000, 0.0000



125.0000, 0.0000, 0.0000

Same Dimension

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



137.2020, 54.9730, 0.4210



165.4150, 85.0500, 0.4900



169.4870, 39.8480, -28.3440



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.



129.7980, -54.9730, -0.4210



154.1720, -85.3250, -1.0130



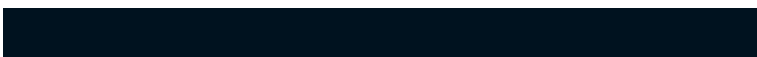
97.5130, -39.8480, 28.3440



89.5480, -4.5390, -0.3390



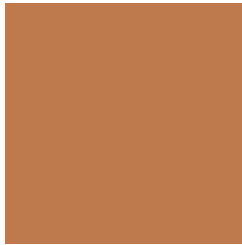
73.7770, -76.8430, -0.5470



14.1000, -14.9010, 0.2270

Previews

White Background



This preview shows how the YIQ color 137.2020, 54.9730, 0.4210 looks on a white background.

Color Contrast Check

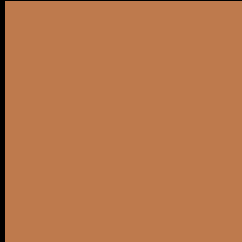
Large Text (above 18pt) WCAG AA ✓ Pass

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 137.2020, 54.9730, 0.4210 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

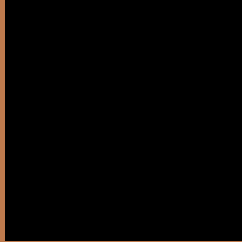
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 137.2020, 54.9730, 0.4210

Background



This preview shows how black text looks on a background with the YIQ color 137.2020, 54.9730, 0.4210.



This preview shows how white text looks on a background with the YIQ color 137.2020, 54.9730,

0.4210.

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

137.2020, 54.9730, 0.4210

Protanopia

135.6170, 25.4030, -14.3490

Deuteranopia

136.5650, 40.3490, -9.8830



Tritanopia

140.0490, 43.0030, 19.1230

Trichromacy



Original Color

137.2020, 54.9730, 0.4210

Protanomaly

136.0530, 36.0390, -8.8650

Deuteranomaly

136.7230, 45.8960, -5.7840

Tritanomaly

138.9860, 47.3140, 12.5780

Monochromacy



Original Color

137.2020, 54.9730, 0.4210

Achromatopsia

137.0000, -0.0000, 0.0000

Achromatomaly

137.2380, 19.7610, -0.1990

CSS Examples

Text

The CSS property to change the color of the text to YIQ 137.2020, 54.9730, 0.4210 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(190, 122, 77)` looks like.

```
.text, #text, p{  
    color:rgb(190, 122, 77)  
}
```

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(190, 122, 77) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 122, 77) }
```

Border

The CSS property to change the border of an element to YIQ 137.2020, 54.9730, 0.4210 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(190, 122, 77) }
```


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

```
.border{ border-color:rgb(190, 122, 77) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 122, 77)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 122, 77); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 122, 77);  
box-shadow:4px 4px 4px 4px rgb(190, 122,  
77) }
```

Background

The CSS property to change the background color of an element to YIQ 137.2020, 54.9730, 0.4210 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 122, 77) }
```

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

```
.background{ background-color: rgb(190,  
122, 77) }
```

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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