

Converting Colors

YIQ(131.1340, 31.3170,
-11.3950)

Have a look what the booklet for
YIQ(131.1340, 31.3170, -11.3950)
contains.

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Color

**YIQ(131.1340, 31.3170,
-11.3950)**

Conversions

Conversions Part 1

Format	Color
Hex	9A824D
RGB	154, 130, 77
RGB Percent	60%, 51%, 30%
CMY	0.3961, 0.4902, 0.6979
CMYK	0.00, 0.16, 0.50, 0.40
HSL	41°, 33%, 45%
HSV	41°, 50%, 60%
XYZ	22.6499, 23.3696, 10.3460
YIQ	131.1340, 31.3170, -11.3950

Conversions

Conversions Part 2

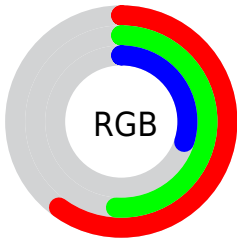
Format	Color
R_{YB}	112, 154, 77
Decimal	10125901
CIE _{Lab}	55.45, 2.01, 31.93
CIE _{LCh}	55, 31.990, 86.397
Yxy	23.3696, 0.4018, 0.4146
Android (android.graphics.Color)	4288315981 (0xFF9A824D)
YUV	131.1340, -26.6881, 20.0535
Hunter-Lab	48.3421, -0.9654, 21.1505

Details

The YIQ color **131.1340, 31.3170, -11.3950** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **99.8660, -31.3170, 11.3950**, and the grayscale version is **131.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **184.6890, 34.0680, -11.6920**, and **81.1660, 28.2910, -11.6210** is the 20% darker color. If you saturate the color by 10%, you get **126.4890, 37.5070, -13.4450**, and if you desaturate by 10%, it is **135.7790, 25.1270, -9.3450**.

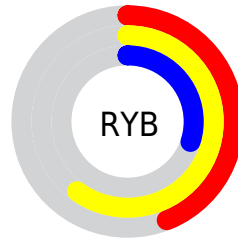
Distribution



Red (60%)

Green (51%)

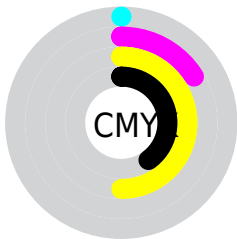
Blue (30%)



Red (44%)

Yellow (60%)

Blue (30%)

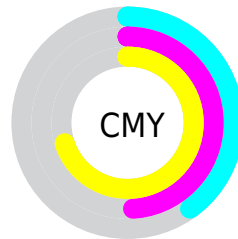


Cyan (0%)

Magenta (16%)

Yellow (50%)

Black (40%)



Cyan (40%)

Magenta (49%)

Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 131.1340, 31.3170, -11.3950 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 131.1340, 31.3170, -11.3950 by changing the saturation by 10% instead.

■ 131.1340, 31.3170,
-11.3950

■ 131.1340, 31.3170,
-11.3950

■ 255.0000, -0.0000,
-0.0000

■ 105.6500, 29.8040,
-11.5080

■ 184.6890, 34.0680,
-11.6920

■ 81.1660, 28.2910,
-11.6210

■ 212.1730, 35.5810,
-11.5790

■ 57.2690, 26.5030,
-12.2570

■ 237.0580, 28.4750,
-14.9570

■ 36.9680, 20.2210,
-8.5390

■ 249.6420, 15.0870,
-14.6170

■ 17.4650, 11.6920,
-2.6440

■ 252.9480, 5.7780,
-5.5980

■ 0.0000, 0.0000,
0.0000

■ 131.1340, 31.3170,
-11.3950

■ 131.1340, 31.3170,
-11.3950

■ 126.4890, 37.5070,
-13.4450

■ 135.7790, 25.1270,
-9.3450

■ 121.7300, 44.0180,
-15.8060

■ 140.5380, 18.6160,
-6.9840

■ 117.6720, 49.9330,
-18.3790

■ 144.5960, 12.7010,
-4.4110

■ 112.9130, 56.4440,
-20.7400

■ 149.3550, 6.1900,
-2.0500

■ 108.2680, 62.6340,
-22.7900

■ 154.0000, -0.0000,
-0.0000

■ 158.6450, -6.1900,
2.0500

■ 163.4040,
-12.7010, 4.4110

■ 167.4620,

-18.6160, 6.9840

■ 172.2210,
-25.1270, 9.3450

Harmonies

Analogous

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



132.6830, 43.3730, 1.3970



131.1340, 31.3170, -11.3950



128.6150, 10.5490, -20.4830

Triad

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



131.1340, 31.3170, -11.3950



105.9810, -87.2460, -26.7820



136.7100, 13.5210, 24.7930

Complementary

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



131.1340, 31.3170, -11.3950



99.8660, -31.3170, 11.3950

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.



134.4660, -15.2710, 17.9530



131.1340, 31.3170, -11.3950



114.6870, -77.0700, -12.9580

Square

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



131.1340, 31.3170, -11.3950



117.3260, -48.7330, -25.4130



127.5650, -46.7670, 5.0490



135.4920, 34.5660, 23.3500

Rectangle

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



131.1340, 31.3170, -11.3950



126.0520, -6.9190, -23.2950



127.5650, -46.7670, 5.0490



136.2790, 4.4890, 23.2810

Sweetspot

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



131.1340, 31.3170, -11.3950



192.2970, 12.1050, -4.6230



102.7590, 38.1880, 23.7880



96.4260, 7.4280, -2.4600



230.0000, -0.0000, 0.0000



102.0000, -0.0000, -0.0000

Same Dimension

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



131.1340, 31.3170, -11.3950



165.6010, 48.6950, -17.9690



141.0360, 16.3730, -26.9150



74.3270, 3.3930, -0.9190



98.2120, 57.0400, -20.5280



9.1700, 5.2730, -1.9510

Inverse Universe

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



99.8660, -31.3170, 11.3950



116.3990, -48.6950, 17.9690



89.9640, -16.3730, 26.9150



71.0860, -3.1180, 1.4420



41.7880, -57.0400, 20.5280



3.8300, -5.2730, 1.9510

Previews

White Background



This preview shows how the YIQ color 131.1340, 31.3170, -11.3950 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 131.1340, 31.3170, -11.3950 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 131.1340, 31.3170, -11.3950

Background



This preview shows how black text looks on a background with the YIQ color 131.1340, 31.3170, -11.3950.



This preview shows how white text looks on a background with the YIQ color 131.1340, 31.3170,

-11.3950.

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

131.1340, 31.3170, -11.3950

Protanopia

130.6170, 25.4030, -14.3490

Deuteranopia

131.8790, 36.5890, -7.8190



Tritanopia

134.9040, 18.2460, 10.7420

Trichromacy



Original Color

131.1340, 31.3170, -11.3950

Protanomaly

130.9270, 27.4660, -13.1900

Deuteranomaly

131.5690, 34.5260, -8.9780

Tritanomaly

133.7870, 22.6490, 2.5290

Monochromacy



Original Color

131.1340, 31.3170, -11.3950

Achromatopsia

131.0000, -0.0000, -0.0000

Achromatomaly

131.1120, 11.1880, -4.5240

CSS Examples

Text

The CSS property to change the color of the text to YIQ 131.1340, 31.3170, -11.3950 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(154, 130, 77)` looks like.

```
.text, #text, p{  
    color:rgb(154, 130, 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(154, 130, 77) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 130, 77) }
```

Border

The CSS property to change the border of an element to YIQ 131.1340, 31.3170, -11.3950 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(154, 130, 77) }
```


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

```
.border{ border-color:rgb(154, 130, 77) }
```

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

Here you see how a box with a 4 pixel `rgb(154, 130, 77)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 130, 77); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 130, 77);  
box-shadow:4px 4px 4px 4px rgb(154, 130,  
77) }
```

Background

The CSS property to change the background color of an element to YIQ 131.1340, 31.3170, -11.3950 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 130, 77) }
```

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

```
.background{ background-color: rgb(154,  
130, 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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