

Converting Colors

YIQ(143.7570, 57.7240, 0.1240)

Have a look what the booklet for
YIQ(143.7570, 57.7240, 0.1240)
contains.

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Color

**YIQ(143.7570, 57.7240,
0.1240)**

Conversions

Conversions Part 1

Format	Color
Hex	C78050
RGB	199, 128, 80
RGB Percent	78%, 50%, 31%
CMY	0.2195, 0.4981, 0.6860
CMYK	0.00, 0.36, 0.60, 0.22
HSL	24°, 52%, 55%
HSV	24°, 60%, 78%
XYZ	32.7283, 28.1577, 11.3126
YIQ	143.7570, 57.7240, 0.1240

Conversions

Conversions Part 2

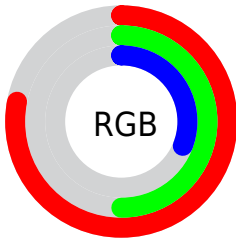
Format	Color
R_{YB}	199, 160, 80
Decimal	13074512
CIE _{Lab}	60.03, 22.74, 37.07
CIE _{LCh}	60, 43.483, 58.476
Yxy	28.1577, 0.4533, 0.3900
Android (android.graphics.Color)	4291264592 (0xFFC78050)
YUV	143.7570, -31.4322, 48.4481
Hunter-Lab	53.0638, 17.2324, 24.5047

Details

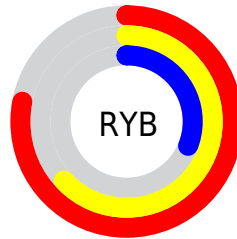
The YIQ color **143.7570, 57.7240, 0.1240** is a dark color, and the websafe version is hex **CC9966**. The color can be described as middle muted orange. A complement of this color would be **135.2430, -57.7240, -0.1240**, and the grayscale version is **144.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **197.3120, 60.4750, -0.1730**, and **91.7070, 51.9930, -0.6390** is the 20% darker color. If you saturate the color by 10%, you get **134.4330, 67.4440, 0.1800**, and if you desaturate by 10%, it is **153.0810, 48.0040, 0.0680**.

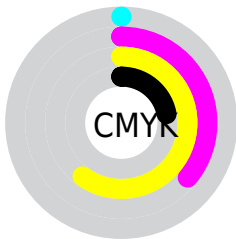
Distribution



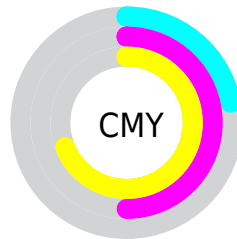
- Red (78%)
- Green (50%)
- Blue (31%)



- Red (78%)
- Yellow (63%)
- Blue (31%)



- Cyan (0%)
- Magenta (36%)
- Yellow (60%)
- Black (22%)





- Cyan (22%)
- Magenta (50%)
- Yellow (69%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 143.7570, 57.7240, 0.1240 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 143.7570, 57.7240, 0.1240 by changing the saturation by 10% instead.


 143.7570, 57.7240,
0.1240


 143.7570, 57.7240,
0.1240


255.0000, -0.0000,
-0.0000


 117.6750, 55.0190,
-0.4130


 197.3120, 60.4750,
-0.1730


 91.7070, 51.9930,
-0.6390


 216.8260, 44.1080,
-6.4200


 67.0980, 49.3340,
-2.0100


 236.3400, 27.7410,
-12.6670

 44.4980, 42.4560,
1.4960

 250.0980, 13.8030,
-13.3730

 23.5110, 32.4140,
7.2780

 253.2900, 4.8150,
-4.6650

 10.8780, 21.1350,
7.9430

 0.0000, 0.0000,

0.0000

■ 143.7570, 57.7240,
0.1240

■ 143.7570, 57.7240,
0.1240

■ 134.4330, 67.4440,
0.1800

■ 153.0810, 48.0040,
0.0680

■ 125.1090, 77.1640,
0.2360

■ 162.4050, 38.2840,
0.0120

■ 115.7850, 86.8840,
0.2920

■ 171.7290, 28.5640,
-0.0440

■ 106.4610, 96.6040,
0.3480

■ 181.0530, 18.8440,
-0.1000

■ 189.7900, 9.3990,
0.3670

■ 199.0000, -0.0000,
0.0000

■ 208.3240, -9.7200,
-0.0560

■ 217.6480,
-19.4400, -0.1120

■ 226.5160,
-27.8760, -1.4120

Harmonies

Analogous

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



145.2160, 61.5260, 19.3340



143.7570, 57.7240, 0.1240



141.4090, 40.4880, -17.9120

Triad

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



143.7570, 57.7240, 0.1240



112.3420, -90.3610, -41.9210



146.4690, -19.3530, 25.8550

Complementary

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



143.7570, 57.7240, 0.1240



135.2430, -57.7240, -0.1240

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.



134.1850, -69.0040, 6.0680



143.7570, 57.7240, 0.1240



116.7880, -102.8800, -29.7920

Square

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



143.7570, 57.7240, 0.1240



131.0660, -27.8700, -34.5740



117.1590, -110.8140, -18.1580



148.9270, 20.5800, 34.5320

Rectangle

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



143.7570, 57.7240, 0.1240



138.9720, 22.4250, -26.4630



117.1590, -110.8140, -18.1580



143.9940, -34.2530, 20.5550

Sweetspot

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



143.7570, 57.7240, 0.1240



233.9070, 22.1910, -0.1850



123.6750, 48.1330, 47.3090



114.7150, 13.9840, -0.1280



0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000

Same Dimension

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



143.7570, 57.7240, 0.1240



169.4540, 89.3140, 0.3060



178.3900, 41.4990, -30.7330



95.0390, 4.2640, -0.1840



87.4790, 78.9980, 0.0380



18.9820, 17.6060, 0.3100

Inverse Universe

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



135.2430, -57.7240, -0.1240



156.5460, -89.3140, -0.3060



100.6100, -41.4990, 30.7330



93.9610, -4.2640, 0.1840



75.5210, -78.9980, -0.0380



16.4310, -17.3310, 0.2130

Previews

White Background



This preview shows how the YIQ color 143.7570, 57.7240, 0.1240 looks on a white background.

Color Contrast Check

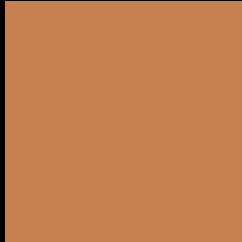
Large Text (above 18pt) WCAG AA ✓ Pass

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 143.7570, 57.7240, 0.1240 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

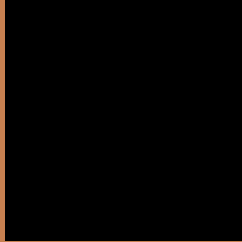
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 143.7570, 57.7240, 0.1240

Background



This preview shows how black text looks on a background with the YIQ color 143.7570, 57.7240, 0.1240.



This preview shows how white text looks on a background with the YIQ color 143.7570, 57.7240,

0.1240.

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

143.7570, 57.7240, 0.1240

Protanopia

142.4600, 27.2830, -15.3810

Deuteranopia

143.1200, 43.1000, -10.1800



Tritanopia

147.2450, 45.3870, 19.9710

Trichromacy



Original Color

143.7570, 57.7240, 0.1240

Protanomaly

143.1950, 38.5150, -9.6850

Deuteranomaly

143.2780, 48.6470, -6.0810

Tritanomaly

145.9540, 50.3400, 12.8040

Monochromacy



Original Color

143.7570, 57.7240, 0.1240

Achromatopsia

144.0000, -0.0000, 0.0000

Achromatomaly

143.8360, 20.9530, 0.2250

CSS Examples

Text

The CSS property to change the color of the text to YIQ 143.7570, 57.7240, 0.1240 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(199, 128, 80)` looks like.

```
.text, #text, p{  
    color:rgb(199, 128, 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(199, 128, 80) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 128, 80) }
```

Border

The CSS property to change the border of an element to YIQ 143.7570, 57.7240, 0.1240 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(199, 128, 80) }
```


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

```
.border{ border-color:rgb(199, 128, 80) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 128, 80)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 128, 80); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 128, 80);  
box-shadow:4px 4px 4px 4px rgb(199, 128,  
80) }
```

Background

The CSS property to change the background color of an element to YIQ 143.7570, 57.7240, 0.1240 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 128, 80) }
```

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

```
.background{ background-color: rgb(199,  
128, 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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