

Converting Colors

YIQ(156.0260, 49.8370, 5.3970)

Have a look what the booklet for
YIQ(156.0260, 49.8370, 5.3970)
contains.

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Color

**YIQ(156.0260, 49.8370,
5.3970)**

Conversions

Conversions Part 1

Format	Color
Hex	CF8B6E
RGB	207, 139, 110
RGB Percent	81%, 55%, 43%
CMY	0.1881, 0.4550, 0.5684
CMYK	0.00, 0.33, 0.47, 0.19
HSL	18°, 50%, 62%
HSV	18°, 47%, 81%
XYZ	37.7884, 32.8546, 19.1178
YIQ	156.0260, 49.8370, 5.3970

Conversions

Conversions Part 2

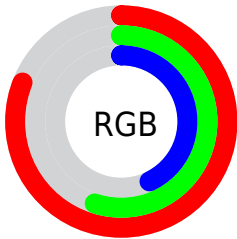
Format	Color
R_{YB}	207, 151, 110
Decimal	13601646
CIE _{Lab}	64.04, 22.64, 26.01
CIE _{LCh}	64, 34.488, 48.960
Yxy	32.8546, 0.4210, 0.3660
Android (android.graphics.Color)	4291791726 (0xFFCF8B6E)
YUV	156.0260, -22.6908, 44.7042
Hunter-Lab	57.3190, 17.3706, 20.3481

Details

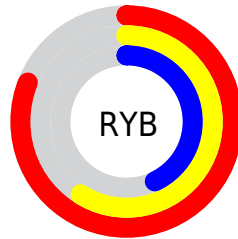
The YIQ color **156.0260, 49.8370, 5.3970** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **160.9740, -49.8370, -5.3970**, and the grayscale version is **156.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **208.0040, 46.9030, 3.5030**, and **103.5740, 45.2980, 5.0580** is the 20% darker color. If you saturate the color by 10%, you get **144.8270, 60.7030, 6.7110**, and if you desaturate by 10%, it is **167.2250, 38.9710, 4.0830**.

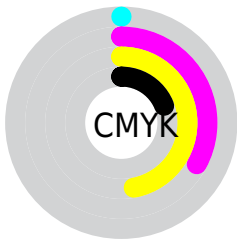
Distribution



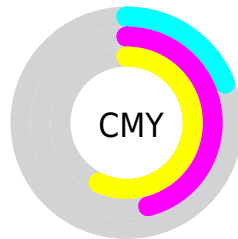
- Red (81%)
- Green (55%)
- Blue (43%)



- Red (81%)
- Yellow (59%)
- Blue (43%)



- Cyan (0%)
- Magenta (33%)
- Yellow (47%)
- Black (19%)




- Cyan (19%)
- Magenta (46%)
- Yellow (57%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 156.0260, 49.8370, 5.3970 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 156.0260, 49.8370, 5.3970 by changing the saturation by 10% instead.

 156.0260, 49.8370,
5.3970


 156.0260, 49.8370,
5.3970


255.0000, -0.0000,
-0.0000


 129.2430, 47.7280,
5.0720


 208.0040, 46.9030,
3.5030


 103.5740, 45.2980,
5.0580


 227.5180, 30.5360,
-2.7440


 79.1930, 41.9970,
4.3090

 247.7330, 13.5730,
-9.2030

 55.1110, 39.2920,
3.7720

 253.8600, 3.2100,
-3.1100

 31.7840, 35.8990,
4.6910

 13.1560, 26.2240,
9.3280

 0.0000, 0.0000,

0.0000

■ 156.0260, 49.8370,
5.3970

■ 156.0260, 49.8370,
5.3970

■ 144.8270, 60.7030,
6.7110

■ 167.2250, 38.9710,
4.0830

■ 134.3290, 70.9730,
7.8130

■ 177.7230, 28.7010,
2.9810

■ 123.1300, 81.8390,
9.1270

■ 188.9220, 17.8350,
1.6670

■ 112.5180, 92.4300,
9.9180

■ 199.5340, 7.2440,
0.8760

■ 101.4330,
102.9750, 11.5430

■ 210.7330, -3.6220,
-0.4380

■ 98.2870, 106.3220,
11.4580

■ 221.2310,
-13.8920, -1.5400

■ 232.4300,
-24.7580, -2.8540

■ 240.6480,
-28.6080, -10.1760

Harmonies

Analogous

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



157.6860, 48.4590, 19.3630



156.0260, 49.8370, 5.3970



153.9070, 39.3860, -8.9500

Triad

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



156.0260, 49.8370, 5.3970



141.0830, -43.7350, -27.8870



155.3770, -25.2660, 17.3740

Complementary

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



156.0260, 49.8370, 5.3970



160.9740, -49.8370, -5.3970

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.



146.8130, -59.3290, 1.4310



156.0260, 49.8370, 5.3970



132.4610, -79.9100, -27.5740

Square

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



156.0260, 49.8370, 5.3970



147.2040, -10.4030, -26.2350



134.0770, -87.1560, -17.3960



159.2410, 7.6520, 26.5320

Rectangle

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



156.0260, 49.8370, 5.3970



152.2210, 26.4580, -16.9500



134.0770, -87.1560, -17.3960



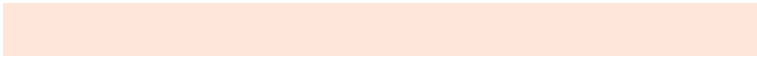
153.2830, -36.8650, 12.8230

Sweetspot

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



156.0260, 49.8370, 5.3970



236.2210, 18.4310, 1.8790



146.9830, 35.3420, 42.3340



116.1000, 11.4620, 1.5260



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.



156.0260, 49.8370, 5.3970



179.9980, 73.4030, 7.8270



183.6150, 36.9120, -19.1840



99.0500, 5.7310, 0.7630



79.5820, 86.3780, 9.4660



19.3030, 21.1360, 2.4160

Inverse Universe

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



160.9740, -49.8370, -5.3970



187.0020, -73.4030, -7.8270



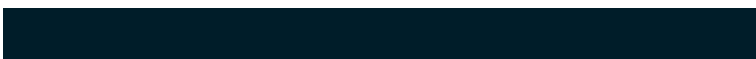
133.3850, -36.9120, 19.1840



99.3630, -5.4560, -0.2400



88.4180, -86.3780, -9.4660



21.6970, -21.1360, -2.4160

Previews

White Background



This preview shows how the YIQ color 156.0260, 49.8370, 5.3970 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 156.0260, 49.8370, 5.3970 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 ✓ Pass

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

YIQ 156.0260, 49.8370, 5.3970

Background



This preview shows how black text looks on a background with the YIQ color 156.0260, 49.8370, 5.3970.



This preview shows how white text looks on a background with the YIQ color 156.0260, 49.8370,

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

156.0260, 49.8370, 5.3970

Protanopia

154.2560, 19.3500, -9.2740

Deuteranopia

155.3890, 35.2130, -4.9070



Tritanopia

157.8640, 42.0860, 19.2220

Trichromacy



Original Color

156.0260, 49.8370, 5.3970

Protanomaly

154.8770, 30.9030, -3.8890

Deuteranomaly

155.5470, 40.7600, -0.8080

Tritanomaly

157.3710, 44.7920, 14.2320

Monochromacy



Original Color

156.0260, 49.8370, 5.3970

Achromatopsia

156.0000, -0.0000, -0.0000

Achromatomaly

156.2210, 18.4310, 1.8790

CSS Examples

Text

The CSS property to change the color of the text to YIQ 156.0260, 49.8370, 5.3970 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(207, 139, 110)` looks like.

```
.text, #text, p{  
    color:rgb(207, 139, 110)  
}
```

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(207, 139, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 139, 110) }
```

Border

The CSS property to change the border of an element to YIQ 156.0260, 49.8370, 5.3970 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(207, 139, 110) }
```


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

```
.border{ border-color:rgb(207, 139, 110) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 139, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 139, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 139, 110);  
box-shadow:4px 4px 4px 4px rgb(207, 139,  
110) }
```

Background

The CSS property to change the background color of an element to YIQ 156.0260, 49.8370, 5.3970 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 139, 110) }
```

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

```
.background{ background-color: rgb(207,  
139, 110) }
```

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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