

Converting Colors

YIQ(167.6130, 40.3940, -5.1900)

Have a look what the booklet for
YIQ(167.6130, 40.3940, -5.1900)
contains.

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Color

**YIQ(167.6130, 40.3940,
-5.1900)**

Conversions

Conversions Part 1

Format	Color
Hex	CBA072
RGB	203, 160, 114
RGB Percent	80%, 63%, 45%
CMY	0.2038, 0.3726, 0.5527
CMYK	0.00, 0.21, 0.44, 0.20
HSL	31°, 46%, 62%
HSV	31°, 44%, 80%
XYZ	40.2415, 39.0505, 21.3510
YIQ	167.6130, 40.3940, -5.1900

Conversions

Conversions Part 2

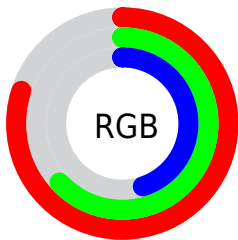
Format	Color
RYB	197, 203, 114
Decimal	13344882
CIELab	68.79, 9.98, 29.99
CIELCh	69, 31.610, 71.591
Yxy	39.0505, 0.3998, 0.3880
Android (android.graphics.Color)	4291534962 (0xFFCBA072)
YUV	167.6130, -26.4312, 31.0344
Hunter-Lab	62.4904, 5.5891, 23.4857

Details

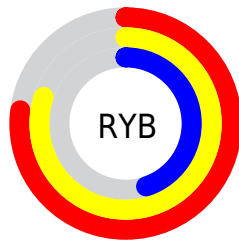
The YIQ color **167.6130, 40.3940, -5.1900** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **149.3870, -40.3940, 5.1900**, and the grayscale version is **168.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **221.3740, 39.5690, -6.7590**, and **115.3460, 36.7720, -5.6280** is the 20% darker color. If you saturate the color by 10%, you get **159.4630, 49.5640, -6.1800**, and if you desaturate by 10%, it is **175.7630, 31.2240, -4.2000**.

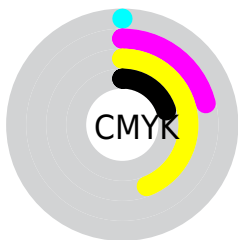
Distribution



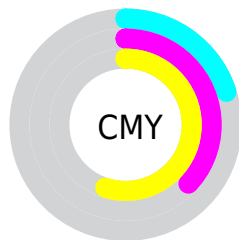
- Red (80%)
- Green (63%)
- Blue (45%)



- Red (77%)
- Yellow (80%)
- Blue (45%)



- Cyan (0%)
- Magenta (21%)
- Yellow (44%)
- Black (20%)





- Cyan (20%)
- Magenta (37%)
- Yellow (55%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 167.6130, 40.3940, -5.1900 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 167.6130, 40.3940, -5.1900 by changing the saturation by 10% instead.


 167.6130, 40.3940,
-5.1900


 167.6130, 40.3940,
-5.1900


255.0000, -0.0000,
-0.0000


 141.1290, 38.8810,
-5.3030


 221.3740, 39.5690,
-6.7590


 115.3460, 36.7720,
-5.6280


 241.0020, 22.8810,
-12.6950


 89.9760, 34.9380,
-5.4300

 251.2380, 10.5930,
-10.2630

 65.8940, 32.2330,
-5.9670

 254.4300, 1.6050,
-1.5550

 43.2250, 29.8030,
-5.9810

 24.0100, 20.4030,
-0.8210

 3.5880, 7.1520,

2.5440

■ 0.0000, 0.0000,
0.0000

■ 167.6130, 40.3940,
-5.1900

■ 167.6130, 40.3940,
-5.1900

■ 159.4630, 49.5640,
-6.1800

■ 175.7630, 31.2240,
-4.2000

■ 151.1990, 59.0550,
-7.4810

■ 184.0270, 21.7330,
-2.8990

■ 143.6360, 67.9500,
-8.9940

■ 191.5900, 12.8380,
-1.3860

■ 135.4860, 77.1200,
-9.9840

■ 199.7400, 3.6680,
-0.3960

■ 127.3360, 86.2900,
-10.9740

■ 208.0040, -5.8230,
0.9050

■ 122.3320, 92.1130,
-11.8790

■ 216.1540,
-14.9930, 1.8950

■ 224.1900,
-23.8420, 2.5740

■ 230.0600,
-26.5920, -2.6560

■ 235.3430,
-29.0670, -7.3630

Harmonies

Analogous

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



169.3510, 47.5440, 8.4080



167.6130, 40.3940, -5.1900



165.3670, 23.1110, -16.8650

Triad

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



167.6130, 40.3940, -5.1900



152.2200, -60.0580, -23.9140



171.8270, -0.0500, 22.9420

Complementary

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



167.6130, 40.3940, -5.1900



149.3870, -40.3940, 5.1900

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.



167.2190, -30.8130, 13.2750



167.6130, 40.3940, -5.1900



151.4440, -72.0720, -15.4320

Square

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



167.6130, 40.3940, -5.1900



157.0090, -31.7230, -25.3150



159.3030, -57.9530, -1.4810



172.4680, 25.9460, 25.3860

Rectangle

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



167.6130, 40.3940, -5.1900



162.8210, 6.9730, -21.7550



159.3030, -57.9530, -1.4810



170.5700, -9.6320, 20.3840

Sweetspot

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



167.6130, 40.3940, -5.1900



241.8460, 14.9930, -1.8950



145.7410, 38.5990, 32.8630



119.7360, 9.4910, -1.3010



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.



167.6130, 40.3940, -5.1900



201.4550, 61.2100, -7.9900



192.8540, 28.5690, -27.6790



97.9250, 4.5850, -0.4950



100.1160, 75.2860, -9.7860



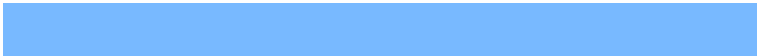
23.1020, 17.1480, -2.4040

Inverse Universe

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



149.3870, -40.3940, 5.1900



173.5450, -61.2100, 7.9900



124.1460, -28.5690, 27.6790



96.0750, -4.5850, 0.4950



65.8840, -75.2860, 9.7860



15.4850, -17.4230, 1.8810

Previews

White Background



This preview shows how the YIQ color 167.6130, 40.3940, -5.1900 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 167.6130, 40.3940, -5.1900 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

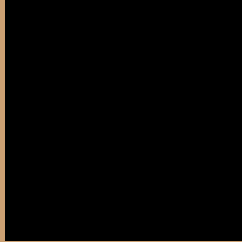
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 167.6130, 40.3940, -5.1900

Background



This preview shows how black text looks on a background with the YIQ color 167.6130, 40.3940, -5.1900.



This preview shows how white text looks on a background with the YIQ color 167.6130, 40.3940, -5.1900.

-5.1900.

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

167.6130, 40.3940, -5.1900

Protanopia

166.0730, 24.1190, -13.1050

Deuteranopia

167.6020, 38.9270, -6.1370



Tritanopia

170.8130, 28.9280, 15.3920

Trichromacy



Original Color

167.6130, 40.3940, -5.1900

Protanomaly

166.5900, 30.0330, -10.1510

Deuteranomaly

167.9010, 39.5230, -5.9250

Tritanomaly

169.8100, 33.0100, 7.4900

Monochromacy



Original Color

167.6130, 40.3940, -5.1900

Achromatopsia

168.0000, -0.0000, -0.0000

Achromatomaly

167.8460, 14.9930, -1.8950

CSS Examples

Text

The CSS property to change the color of the text to YIQ 167.6130, 40.3940, -5.1900 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(203, 160, 114)` looks like.

```
.text, #text, p{  
    color:rgb(203, 160, 114)  
}
```

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(203, 160, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 160, 114) }
```

Border

The CSS property to change the border of an element to YIQ 167.6130, 40.3940, -5.1900 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(203, 160, 114) }
```


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

```
.border{ border-color:rgb(203, 160, 114) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 160, 114)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 160, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 160, 114);  
box-shadow:4px 4px 4px 4px rgb(203, 160,  
114) }
```

Background

The CSS property to change the background color of an element to YIQ 167.6130, 40.3940, -5.1900 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 160, 114) }
```

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

```
.background{ background-color: rgb(203,  
160, 114) }
```

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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