

Converting Colors

YIQ(160.5190, 37.9630, 0.3230)

Have a look what the booklet for
YIQ(160.5190, 37.9630, 0.3230)
contains.

YIQ(160.5190, 37.9630, 0.3230)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(160.5190, 37.9630,
0.3230)**

Conversions

Conversions Part 1

Format	Color
Hex	C59677
RGB	197, 150, 119
RGB Percent	77%, 59%, 47%
CMY	0.2274, 0.4118, 0.5332
CMYK	0.00, 0.24, 0.40, 0.23
HSL	24°, 40%, 62%
HSV	24°, 40%, 77%
XYZ	37.2678, 35.0128, 22.2607
YIQ	160.5190, 37.9630, 0.3230

Conversions

Conversions Part 2

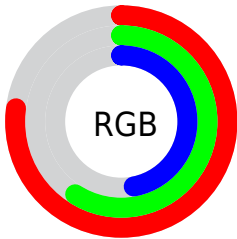
Format	Color
RYB	197, 170, 119
Decimal	12949111
CIELab	65.76, 13.55, 23.14
CIELCh	66, 26.819, 59.645
Yxy	35.0128, 0.3942, 0.3703
Android (android.graphics.Color)	4291139191 (0xFFC59677)
YUV	160.5190, -20.4689, 31.9938
Hunter-Lab	59.1717, 8.8733, 19.1149

Details

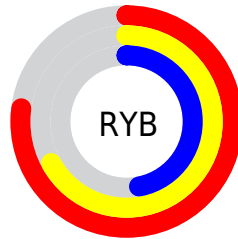
The YIQ color $160.5190, 37.9630, 0.3230$ is a light color, and the websafe version is hex $CC9966$. A complement of this color would be $155.4810, -37.9630, -0.3230$, and the grayscale version is $161.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $215.4870, 40.9890, 0.5490$, and $108.2520, 34.3410, -0.1150$ is the 20% darker color. If you saturate the color by 10%, you get $151.1950, 47.6830, 0.3790$, and if you desaturate by 10%, it is $169.8430, 28.2430, 0.2670$.

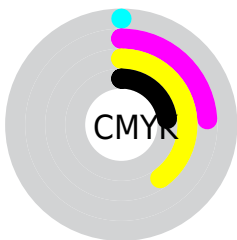
Distribution



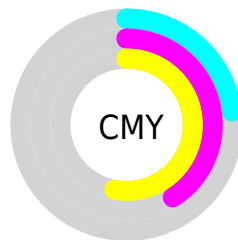
- Red (77%)
- Green (59%)
- Blue (47%)



- Red (77%)
- Yellow (67%)
- Blue (47%)



- Cyan (0%)
- Magenta (24%)
- Yellow (40%)
- Black (23%)





- Cyan (23%)
- Magenta (41%)
- Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 160.5190, 37.9630, 0.3230 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 160.5190, 37.9630, 0.3230 by changing the saturation by 10% instead.


 160.5190, 37.9630,
0.3230


 160.5190, 37.9630,
0.3230


255.0000, -0.0000,
-0.0000


 134.0350, 36.4500,
0.2100


 215.4870, 40.9890,
0.5490


 108.2520, 34.3410,
-0.1150


 235.1150, 24.3010,
-5.3870

 83.8820, 32.5070,
0.0830

 251.8080, 8.9880,
-8.7080

 60.0990, 30.3980,
-0.2420

 37.4470, 29.2980,
-2.3340

 16.9440, 20.7690,
3.5610

 0.0000, 0.0000,

0.0000

■ 160.5190, 37.9630,
0.3230

■ 160.5190, 37.9630,
0.3230

■ 151.1950, 47.6830,
0.3790

■ 169.8430, 28.2430,
0.2670

■ 141.9850, 57.0820,
0.7460

■ 179.0530, 18.8440,
-0.1000

■ 132.6610, 66.8020,
0.8020

■ 188.3770, 9.1240,
-0.1560

■ 123.3370, 76.5220,
0.8580

■ 197.7010, -0.5960,
-0.2120

■ 114.7140, 85.6460,
0.7020

■ 206.4380,
-10.0410, 0.2550

■ 105.3900, 95.3660,
0.7580

■ 215.6480,
-19.4400, -0.1120

■ 104.6890, 95.9620,
0.9700

■ 224.7440,
-28.5180, -0.7900

■ 231.7880,
-31.8180, -7.0660

■ 237.6580,
-34.5680, -12.2960

Harmonies

Analogous

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



162.0390, 39.7950, 11.1790



160.5190, 37.9630, 0.3230



158.4370, 26.0900, -10.2780

Triad

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



160.5190, 37.9630, 0.3230



148.9790, -40.2060, -20.2540



162.0490, -9.7230, 16.5250

Complementary

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



160.5190, 37.9630, 0.3230



155.4810, -37.9630, -0.3230

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.



157.2630, -34.1130, 6.9990



160.5190, 37.9630, 0.3230



147.2410, -55.3830, -15.0230

Square

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



160.5190, 37.9630, 0.3230



152.8430, -16.4560, -21.1600



151.1200, -53.1840, -5.3120



163.4880, 14.0260, 21.1460

Rectangle

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



160.5190, 37.9630, 0.3230



156.8160, 14.5370, -15.6630



151.1200, -53.1840, -5.3120



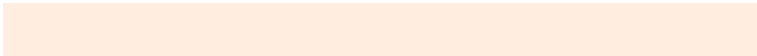
160.9770, -18.3880, 13.8680

Sweetspot

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



160.5190, 37.9630, 0.3230



240.9000, 14.9010, -0.2270



147.7940, 31.0800, 31.4640



119.4910, 8.8030, 0.1550



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.



160.5190, 37.9630, 0.3230



199.0560, 58.3200, 0.3360



182.8250, 27.5130, -19.5510



94.4520, 4.5390, 0.3390



86.8920, 79.2730, 0.5610



18.9820, 17.6060, 0.3100

Inverse Universe

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



155.4810, -37.9630, -0.3230



190.9440, -58.3200, -0.3360



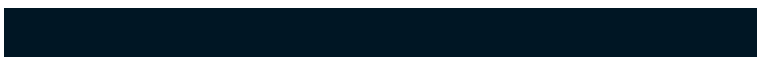
133.1750, -27.5130, 19.5510



94.5480, -4.5390, -0.3390



76.1080, -79.2730, -0.5610



17.0180, -17.6060, -0.3100

Previews

White Background



This preview shows how the YIQ color 160.5190, 37.9630, 0.3230 looks on a white background.

Color Contrast Check

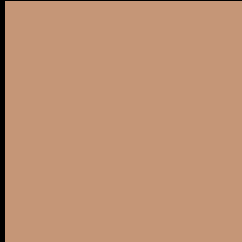
Large Text (above 18pt) WCAG AA × Fail

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 160.5190, 37.9630, 0.3230 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

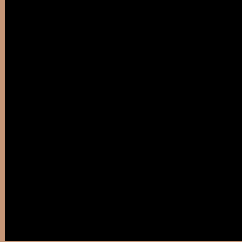
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 160.5190, 37.9630, 0.3230

Background



This preview shows how black text looks on a background with the YIQ color 160.5190, 37.9630, 0.3230.



This preview shows how white text looks on a background with the YIQ color 160.5190, 37.9630,

0.3230.

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

160.5190, 37.9630, 0.3230

Protanopia

159.0710, 18.4330, -9.1750

Deuteranopia

159.7740, 32.6910, -3.2530



Tritanopia

162.9980, 29.8450, 15.2930

Trichromacy



Original Color

160.5190, 37.9630, 0.3230

Protanomaly

159.3000, 25.2180, -5.4860

Deuteranomaly

160.0840, 34.7540, -2.0940

Tritanomaly

162.3910, 32.8720, 9.9920

Monochromacy



Original Color

160.5190, 37.9630, 0.3230

Achromatopsia

161.0000, -0.0000, -0.0000

Achromatomaly

160.8290, 13.6630, 0.1830

CSS Examples

Text

The CSS property to change the color of the text to YIQ 160.5190, 37.9630, 0.3230 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(197, 150, 119)` looks like.

```
.text, #text, p{  
    color:rgb(197, 150, 119)  
}
```

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(197, 150, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 150, 119) }
```

Border

The CSS property to change the border of an element to YIQ 160.5190, 37.9630, 0.3230 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(197, 150, 119) }
```


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

```
.border{ border-color:rgb(197, 150, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 150, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 150, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 150, 119);  
box-shadow:4px 4px 4px 4px rgb(197, 150,  
119) }
```

Background

The CSS property to change the background color of an element to YIQ 160.5190, 37.9630, 0.3230 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 150, 119) }
```

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

```
.background{ background-color: rgb(197,  
150, 119) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor