

Converting Colors

YIQ(151.6930, 79.8300,
-37.0820)

Have a look what the booklet for
YIQ(151.6930, 79.8300, -37.0820)
contains.

YIQ(151.6930, 79.8300, -37.0820)	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(151.6930, 79.8300,
-37.0820)**

Conversions

Conversions Part 1

Format	Color
Hex	CD9A00
RGB	205, 154, 0
RGB Percent	80%, 60%, 0%
CMY	0.1961, 0.3961, 0.9995
CMYK	0.00, 0.25, 1.00, 0.20
HSL	45°, 100%, 40%
HSV	45°, 100%, 80%
XYZ	36.7312, 36.0843, 5.0322
YIQ	151.6930, 79.8300, -37.0820

Conversions

Conversions Part 2

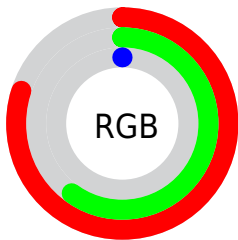
Format	Color
R_{YB}	68, 205, 0
Decimal	13474304
CIE _{Lab}	66.58, 8.23, 70.61
CIE _{LCh}	67, 71.091, 83.352
Yxy	36.0843, 0.4718, 0.4635
Android (android.graphics.Color)	4291664384 (0xFFCD9A00)
YUV	151.6930, -74.7846, 46.7502
Hunter-Lab	60.0702, 4.0249, 37.0823

Details

The YIQ color **151.6930, 79.8300, -37.0820** is a dark color, and the websafe version is hex **CC9900**. The color can be described as dark washed orange. A complement of this color would be **53.3070, -79.8300, 37.0820**, and the grayscale version is **152.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **206.8910, 70.7050, -31.3990**, and **103.8160, 58.0950, -23.1290** is the 20% darker color. If you saturate the color by 10%, you get **151.6930, 79.8300, -37.0820**, and if you desaturate by 10%, it is **157.0220, 71.7140, -33.1660**.

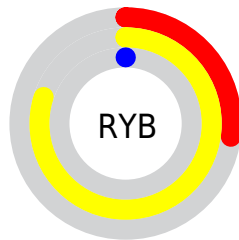
Distribution



Red (80%)

Green (60%)

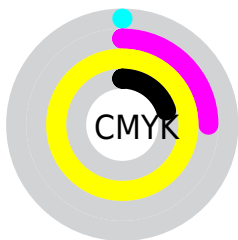
Blue (0%)



Red (27%)

Yellow (80%)

Blue (0%)

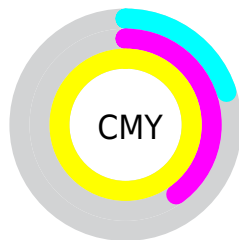


Cyan (0%)

Magenta (25%)

Yellow (100%)

Black (20%)



Cyan (20%)

Magenta (40%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 151.6930, 79.8300, -37.0820 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 151.6930, 79.8300, -37.0820 by changing the saturation by 10% instead.

151.6930, 79.8300,
-37.0820

151.6930, 79.8300,
-37.0820

255.0000, -0.0000,
-0.0000

127.4610, 69.1000,
-29.8440

206.8910, 70.7050,
-31.3990

103.8160, 58.0950,
-23.1290

226.5190, 54.0170,
-37.3350

81.6440, 47.1360,
-17.2480

240.8640, 39.8040,
-38.5640

59.7710, 36.7730,
-11.1550

244.0560, 30.8160,
-29.8560

39.3710, 26.4560,
-5.8960

247.2480, 21.8280,
-21.1480

20.1560, 17.0560,
-0.7360

250.5540, 12.5190,

0.0000, 0.0000,

-12.1290

0.0000

■ 253.8600, 3.2100,
-3.1100

■ 151.6930, 79.8300,
-37.0820

■ 157.0220, 71.7140,
-33.1660

■ 162.2370, 63.9190,
-29.5610

■ 167.5660, 55.8030,
-25.6450

■ 172.7810, 48.0080,
-22.0400

■ 178.6970, 39.6170,
-18.6470

■ 183.9120, 31.8220,
-15.0420

■ 189.2410, 23.7060,
-11.1260

■ 194.4560, 15.9110,
-7.5210

■ 199.7850, 7.7950,
-3.6050

Harmonies

Analogous

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



156.7970, 95.7780, 4.3060



151.6930, 79.8300, -37.0820



147.3000, 32.1040, -53.2080

Triad

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



151.6930, 79.8300, -37.0820



136.1710, -120.2560, -34.2720



166.1350, 23.8310, 58.2230

Complementary

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



151.6930, 79.8300, -37.0820



53.3070, -79.8300, 37.0820

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.



157.4740, -44.1120, 28.5280



151.6930, 79.8300, -37.0820



138.8390, -133.2800, -18.4960

Square

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



151.6930, 79.8300, -37.0820



128.6470, -99.0700, -54.7980



131.2080, -129.7050, -11.6970



154.7640, 67.2960, 57.9520

Rectangle

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



151.6930, 79.8300, -37.0820



141.5950, -14.2030, -56.4990



131.2080, -129.7050, -11.6970



166.6530, 1.6410, 52.8810

Sweetspot

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



151.6930, 79.8300, -37.0820



235.1830, 29.6210, -13.6990



67.1090, 105.8090, 59.3210



115.7120, 18.0660, -8.0300



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.



151.6930, 79.8300, -37.0820



188.3620, 99.4550, -45.8330



166.3810, 35.4090, -74.5670



99.0990, 4.0350, -1.5410



122.4220, 64.8360, -29.6600



28.3850, 14.6730, -7.1110

Inverse Universe

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



53.3070, -79.8300, 37.0820



66.6380, -99.4550, 45.8330



38.6190, -35.4090, 74.5670



94.3140, -3.7600, 2.0640



42.9910, -64.5610, 30.1830



10.2020, -14.9480, 6.5880

Previews

White Background



This preview shows how the YIQ color 151.6930, 79.8300, -37.0820 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 151.6930, 79.8300, -37.0820 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 151.6930, 79.8300, -37.0820

Background



This preview shows how black text looks on a background with the YIQ color 151.6930, 79.8300, -37.0820.



This preview shows how white text looks on a background with the YIQ color 151.6930, 79.8300, -37.0820.

-37.0820.

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

151.6930, 79.8300, -37.0820

Protanopia

151.6520, 60.7120, -43.0320

Deuteranopia

152.0350, 78.8670, -36.1490



Tritanopia

164.8850, 37.5930, 18.0490

Trichromacy



Original Color

151.6930, 79.8300, -37.0820

Protanomaly

151.8270, 67.5890, -41.0110

Deuteranomaly

151.9210, 79.1880, -36.4600

Tritanomaly

159.9520, 52.6810, -2.0950

Monochromacy



Original Color

151.6930, 79.8300, -37.0820

Achromatopsia

152.0000, -0.0000, -0.0000

Achromatomaly

151.9980, 28.7040, -13.6000

CSS Examples

Text

The CSS property to change the color of the text to YIQ 151.6930, 79.8300, -37.0820 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(205, 154, 0)` looks like.

```
.text, #text, p{  
    color:rgb(205, 154, 0)  
}
```

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(205, 154, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 154, 0) }
```

Border

The CSS property to change the border of an element to YIQ 151.6930, 79.8300, -37.0820 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(205, 154, 0) }
```


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

```
.border{ border-color:rgb(205, 154, 0) }
```

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

Here you see how a box with a 4 pixel rgb(205, 154, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 154, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 154, 0);  
box-shadow:4px 4px 4px 4px rgb(205, 154,  
0) }
```

Background

The CSS property to change the background color of an element to YIQ 151.6930, 79.8300, -37.0820 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 154, 0) }
```

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

```
.background{ background-color: rgb(205,  
154, 0) }
```

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