

Converting Colors

YIQ(157.8090, 59.9730,
-13.1070)

Have a look what the booklet for
YIQ(157.8090, 59.9730, -13.1070)
contains.

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Color

**YIQ(157.8090, 59.9730,
-13.1070)**

Conversions

Conversions Part 1

Format	Color
Hex	CF9645
RGB	207, 150, 69
RGB Percent	81%, 59%, 27%
CMY	0.1882, 0.4118, 0.7291
CMYK	0.00, 0.28, 0.67, 0.19
HSL	35°, 59%, 54%
HSV	35°, 67%, 81%
XYZ	37.7172, 35.5041, 10.5078
YIQ	157.8090, 59.9730, -13.1070

Conversions

Conversions Part 2

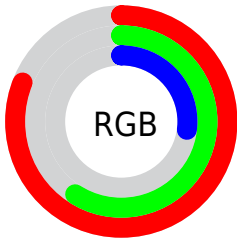
Format	Color
RYB	166, 207, 69
Decimal	13604421
CIELab	66.14, 13.38, 49.88
CIELCh	66, 51.645, 74.987
Yxy	35.5041, 0.4505, 0.4240
Android (android.graphics.Color)	4291794501 (0xFFCF9645)
YUV	157.8090, -43.7828, 43.1405
Hunter-Lab	59.5853, 8.7153, 31.2540

Details

The YIQ color **157.8090, 59.9730, -13.1070** is a dark color, and the websafe version is hex **CC9933**. The color can be described as middle muted orange. A complement of this color would be **118.1910, -59.9730, 13.1070**, and the grayscale version is **158.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **209.6730, 57.3600, -15.3120**, and **104.4880, 56.4430, -15.2130** is the 20% darker color. If you saturate the color by 10%, you get **150.1320, 69.1890, -14.9310**, and if you desaturate by 10%, it is **165.4860, 50.7570, -11.2830**.

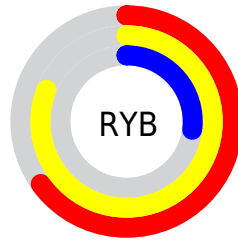
Distribution



Red (81%)

Green (59%)

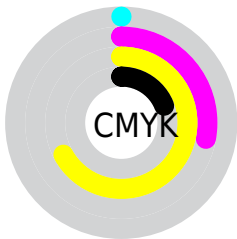
Blue (27%)



Red (65%)

Yellow (81%)

Blue (27%)

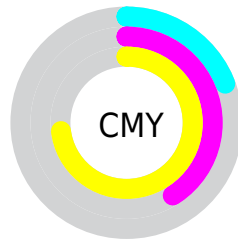


Cyan (0%)

Magenta (28%)

Yellow (67%)

Black (19%)



Cyan (19%)

Magenta (41%)

Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 157.8090, 59.9730, -13.1070 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 157.8090, 59.9730, -13.1070 by changing the saturation by 10% instead.

■ 157.8090, 59.9730,
-13.1070

■ 157.8090, 59.9730,
-13.1070

■ 255.0000, -0.0000,
-0.0000

■ 131.0260, 57.8640,
-13.4320

■ 209.7870, 57.0390,
-15.0010

■ 104.4880, 56.4430,
-15.2130

■ 229.1870, 40.9930,
-21.5590

■ 79.9050, 50.8950,
-13.7850

■ 245.7660, 26.0010,
-25.1910

■ 58.9180, 40.8530,
-8.0030

■ 248.9580, 17.0130,
-16.4830

■ 37.9310, 30.8110,
-2.2210

■ 252.2640, 7.7040,
-7.4640

■ 18.4170, 20.8150,
2.7270

■ 0.0000, 0.0000,

0.0000

■ 157.8090, 59.9730,
-13.1070

■ 157.8090, 59.9730,
-13.1070

■ 150.1320, 69.1890,
-14.9310

■ 165.4860, 50.7570,
-11.2830

■ 143.1560, 77.8090,
-16.9670

■ 172.4620, 42.1370,
-9.2470

■ 135.4790, 87.0250,
-18.7910

■ 180.1390, 32.9210,
-7.4230

■ 132.9200, 90.0970,
-19.3990

■ 187.2290, 23.9800,
-5.0760

■ 194.9060, 14.7640,
-3.2520

■ 201.8820, 6.1440,
-1.2160

■ 209.5590, -3.0720,
0.6080

■ 216.6490,
-12.0130, 2.9550

■ 224.2120,
-20.9080, 4.4680

Harmonies

Analogous

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



159.9920, 73.5400, 10.8520



157.8090, 59.9730, -13.1070



154.4150, 31.1830, -31.0010

Triad

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



157.8090, 59.9730, -13.1070



128.8700, -109.3430, -39.3190



165.4770, 4.5320, 39.0280

Complementary

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



157.8090, 59.9730, -13.1070



118.1910, -59.9730, 13.1070

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.



158.0230, -50.3920, 21.1920



157.8090, 59.9730, -13.1070



131.8970, -122.0000, -24.6880

Square

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



157.8090, 59.9730, -13.1070



126.4100, -85.0410, -50.2330



129.4640, -127.5500, -12.2060



163.9580, 45.6580, 42.6020

Rectangle

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



157.8090, 59.9730, -13.1070



150.2530, 5.0960, -37.3040



129.4640, -127.5500, -12.2060



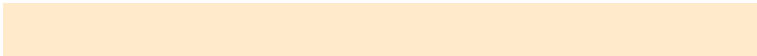
164.1590, -12.2480, 34.7600

Sweetspot

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



157.8090, 59.9730, -13.1070



236.8590, 22.1460, -4.8780



116.8740, 63.6300, 47.2940



116.8350, 13.5260, -2.8420



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.



157.8090, 59.9730, -13.1070



182.4360, 88.5840, -19.5120



187.9790, 37.7420, -45.2500



100.8110, 4.9060, -0.8060



108.3450, 72.9030, -16.1610



26.3470, 17.8360, -3.8600

Inverse Universe

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



118.1910, -59.9730, 13.1070



123.5640, -88.5840, 19.5120



88.3200, -37.1460, 45.4620



97.6020, -4.6310, 1.3290



60.2420, -73.1780, 15.6380



14.6530, -17.8360, 3.8600

Previews

White Background



This preview shows how the YIQ color 157.8090, 59.9730, -13.1070 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 157.8090, 59.9730, -13.1070 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 157.8090, 59.9730, -13.1070

Background



This preview shows how black text looks on a background with the YIQ color 157.8090, 59.9730, -13.1070.



This preview shows how white text looks on a background with the YIQ color 157.8090, 59.9730, -13.1070.

-13.1070.

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

157.8090, 59.9730, -13.1070

Protanopia

156.3500, 38.9760, -23.5520

Deuteranopia

157.3630, 55.2970, -16.4710



Tritanopia

163.7820, 39.3810, 18.6850

Trichromacy



Original Color

157.8090, 59.9730, -13.1070

Protanomaly

156.8780, 46.3570, -19.6510

Deuteranomaly

157.6730, 57.3600, -15.3120

Tritanomaly

161.5250, 46.9940, 7.3620

Monochromacy



Original Color

157.8090, 59.9730, -13.1070

Achromatopsia

158.0000, -0.0000, 0.0000

Achromatomaly

157.9730, 21.8250, -4.5670

CSS Examples

Text

The CSS property to change the color of the text to YIQ 157.8090, 59.9730, -13.1070 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, 150, 69)` looks like.

```
.text, #text, p{  
    color:rgb(207, 150, 69)  
}
```

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, 150, 69) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 150, 69) }
```

Border

The CSS property to change the border of an element to YIQ 157.8090, 59.9730, -13.1070 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, 150, 69) }
```


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

```
.border{ border-color:rgb(207, 150, 69) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 150, 69)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 150, 69); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 150, 69);  
box-shadow:4px 4px 4px 4px rgb(207, 150,  
69) }
```

Background

The CSS property to change the background color of an element to YIQ 157.8090, 59.9730, -13.1070 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 150, 69) }
```

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

```
.background{ background-color: rgb(207,  
150, 69) }
```

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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