

Converting Colors

YIQ(99.0740, 14.3510, -1.2730)

Have a look what the booklet for
YIQ(99.0740, 14.3510, -1.2730)
contains.

YIQ(99.0740, 14.3510, -1.2730)	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(99.0740, 14.3510,
-1.2730)**

Conversions

Conversions Part 1

Format	Color
Hex	706051
RGB	112, 96, 81
RGB Percent	44%, 38%, 32%
CMY	0.5608, 0.6235, 0.6823
CMYK	0.00, 0.14, 0.28, 0.56
HSL	29°, 16%, 38%
HSV	29°, 28%, 44%
XYZ	12.3511, 12.4041, 9.5313
YIQ	99.0740, 14.3510, -1.2730

Conversions

Conversions Part 2

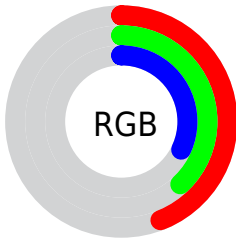
Format	Color
RYB	112, 110, 81
Decimal	7364689
CIELab	41.85, 3.90, 10.94
CIELCh	42, 11.614, 70.394
Yxy	12.4041, 0.3602, 0.3618
Android (android.graphics.Color)	4285554769 (0xFF706051)
YUV	99.0740, -8.9105, 11.3361
Hunter-Lab	35.2194, 0.9644, 8.6082

Details

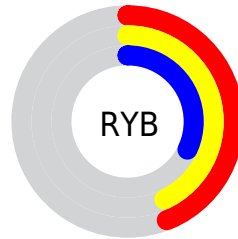
The YIQ color **99.0740, 14.3510, -1.2730** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **93.9260, -14.3510, 1.2730**, and the grayscale version is **99.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **149.5580, 15.8640, -1.1600**, and **52.5900, 12.8380, -1.3860** is the 20% darker color. If you saturate the color by 10%, you get **94.2980, 19.5320, -1.5560**, and if you desaturate by 10%, it is **103.8500, 9.1700, -0.9900**.

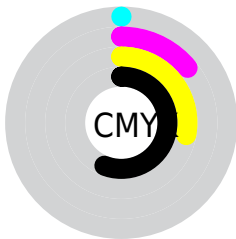
Distribution



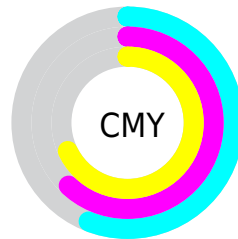
- Red (44%)
- Green (38%)
- Blue (32%)



- Red (44%)
- Yellow (43%)
- Blue (32%)



- Cyan (0%)
- Magenta (14%)
- Yellow (28%)
- Black (56%)



- Cyan (56%)
- Magenta (62%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 99.0740, 14.3510, -1.2730 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 99.0740, 14.3510, -1.2730 by changing the saturation by 10% instead.

■ 99.0740, 14.3510,
-1.2730

■ 99.0740, 14.3510,
-1.2730

■ 255.0000, -0.0000,
-0.0000

■ 74.8890, 13.4340,
-1.1740

■ 149.5580, 15.8640,
-1.1600

■ 52.5900, 12.8380,
-1.3860

■ 176.4440, 16.1850,
-1.4710

■ 31.1060, 11.3250,
-1.4990

■ 203.7430, 16.7810,
-1.2590

■ 7.1430, 9.9030,
2.2470

■ 232.0420, 17.3770,
-1.0470

■ 0.0000, 0.0000,
0.0000

■ 253.1760, 5.1360,
-4.9760

■ 99.0740, 14.3510,
-1.2730

■ 99.0740, 14.3510,
-1.2730

■ 94.2980, 19.5320,
-1.5560

■ 103.8500, 9.1700,
-0.9900

■ 89.5220, 24.7130,
-1.8390

■ 108.6260, 3.9890,
-0.7070

■ 85.2190, 29.9400,
-2.9560

■ 112.9290, -1.2380,
0.4100

■ 80.4430, 35.1210,
-3.2390

■ 117.7050, -6.4190,
0.6930

■ 75.6670, 40.3020,
-3.5220

■ 122.4810,
-11.6000, 0.9760

■ 70.8910, 45.4830,
-3.8050

■ 127.2570,
-16.7810, 1.2590

■ 66.1150, 50.6640,
-4.0880

■ 132.0330,
-21.9620, 1.5420

■ 65.1860, 51.9020,

■ 136.3360,

-4.4980

-27.1890, 2.6590

■ 141.1120,
-32.3700, 2.9420

Harmonies

Analogous

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



99.7910, 16.8260, 3.4340



99.0740, 14.3510, -1.2730



98.0300, 8.4830, -5.0610

Triad

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



99.0740, 14.3510, -1.2730



95.1010, -16.6420, -6.7700



100.0420, 0.1820, 7.7180

Complementary

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



99.0740, 14.3510, -1.2730



93.9260, -14.3510, 1.2730

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.



98.3720, -9.6750, 4.6370



99.0740, 14.3510, -1.2730



95.8280, -20.1270, -4.1830

Square

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



99.0740, 14.3510, -1.2730



96.0540, -9.2600, -8.3960



96.7300, -16.7350, 0.4250



100.6470, 8.6640, 8.1840

Rectangle

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



99.0740, 14.3510, -1.2730



97.3390, 3.1190, -6.9690



96.7300, -16.7350, 0.4250



99.6610, -3.1190, 6.9690

Sweetspot

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



99.0740, 14.3510, -1.2730



140.2240, 5.1810, -0.2830



92.2070, 13.0190, 11.8590



70.8540, 3.3470, -0.0850



201.0000, -0.0000, 0.0000



74.0000, -0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



99.0740, 14.3510, -1.2730



125.4400, 22.0080, -2.3760



107.8790, 10.2260, -9.1180



53.5550, 2.7510, -0.2970



69.9260, 55.5700, -4.8940



144.2930, 114.2120, -10.3960

Inverse Universe

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



93.9260, -14.3510, 1.2730



117.1470, -22.2830, 1.8530



85.1210, -10.2260, 9.1180



52.4450, -2.7510, 0.2970



50.0740, -55.5700, 4.8940



103.2940, -114.4870, 9.8730

Previews

White Background



This preview shows how the YIQ color 99.0740, 14.3510, -1.2730 looks on a white 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 × Fail

Black Background



This preview shows how the YIQ color 99.0740, 14.3510, -1.2730 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

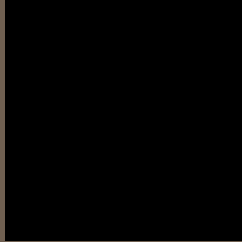
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

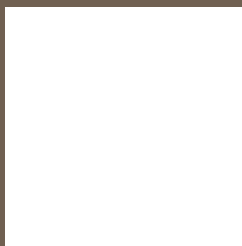
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 99.0740, 14.3510, -1.2730

Background



This preview shows how black text looks on a background with the YIQ color 99.0740, 14.3510, -1.2730.



This preview shows how white text looks on a background with the YIQ color 99.0740, 14.3510,

-1.2730.

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

99.0740, 14.3510, -1.2730

Protanopia

98.5570, 8.4370, -4.2270

Deuteranopia

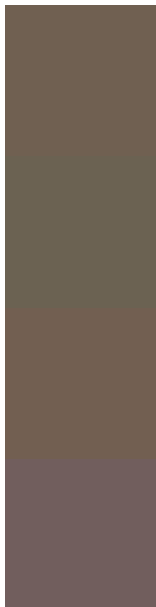
99.3840, 16.4140, -0.1140



Tritanopia

100.0770, 10.2690, 6.6290

Trichromacy



Original Color

99.0740, 14.3510, -1.2730

Protanomaly

98.8670, 10.5000, -3.0680

Deuteranomaly

99.0850, 15.8180, -0.3260

Tritanomaly

99.5670, 11.6450, 3.7170

Monochromacy



Original Color

99.0740, 14.3510, -1.2730

Achromatopsia

99.0000, -0.0000, 0.0000

Achromatomaly

99.1100, 5.5020, -0.5940

CSS Examples

Text

The CSS property to change the color of the text to YIQ 99.0740, 14.3510, -1.2730 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(112, 96, 81)` looks like.

```
.text, #text, p{  
    color:rgb(112, 96, 81)  
}
```

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(112, 96, 81) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(112, 96, 81) }
```

Border

The CSS property to change the border of an element to YIQ 99.0740, 14.3510, -1.2730 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(112, 96, 81) }
```


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

```
.border{ border-color:rgb(112, 96, 81) }
```

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

Here you see how a box with a 4 pixel `rgb(112, 96, 81)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(112, 96, 81); -webkit-box-  
shadow:4px 4px 4px 4px rgb(112, 96, 81);  
box-shadow:4px 4px 4px 4px rgb(112, 96,  
81) }
```

Background

The CSS property to change the background color of an element to YIQ 99.0740, 14.3510, -1.2730 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(112, 96, 81) }
```

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

```
.background{ background-color: rgb(112, 96,  
81) }
```

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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