

Converting Colors

YIQ(74.0650, 35.7650, -14.9150)

Have a look what the booklet for
YIQ(74.0650, 35.7650, -14.9150)
contains.

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Color

**YIQ(74.0650, 35.7650,
-14.9150)**

Conversions

Conversions Part 1

Format	Color
Hex	634A09
RGB	99, 74, 9
RGB Percent	39%, 29%, 4%
CMY	0.6117, 0.7098, 0.9645
CMYK	0.00, 0.25, 0.91, 0.61
HSL	43°, 83%, 21%
HSV	43°, 91%, 39%
XYZ	7.6438, 7.5689, 1.3179
YIQ	74.0650, 35.7650, -14.9150

Conversions

Conversions Part 2

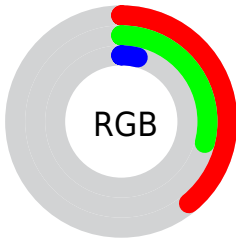
Format	Color
R_YB	44, 99, 9
Decimal	6507017
CIE Lab	33.07, 4.32, 38.68
CIE LCh	33, 38.921, 83.629
Yxy	7.5689, 0.4624, 0.4579
Android (android.graphics.Color)	4284697097 (0xFF634A09)
YUV	74.0650, -32.0770, 21.8680
Hunter-Lab	27.5116, 1.4487, 16.4179

Details

The YIQ color **74.0650, 35.7650, -14.9150** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **33.9350, -35.7650, 14.9150**, and the grayscale version is **74.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **124.0870, 38.6990, -13.0210**, and **32.5490, 20.0830, -6.0370** is the 20% darker color. If you saturate the color by 10%, you get **71.2780, 39.4790, -16.1450**, and if you desaturate by 10%, it is **76.9660, 31.7300, -13.3740**.

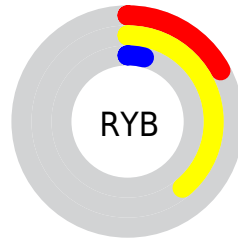
Distribution



 Red (39%)

 Green (29%)

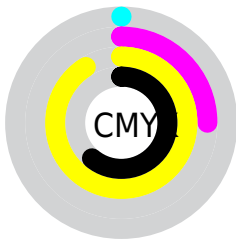
 Blue (4%)



 Red (17%)

 Yellow (39%)

 Blue (4%)

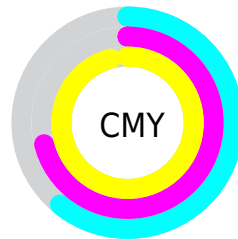


 Cyan (0%)

 Magenta (25%)

 Yellow (91%)

 Black (61%)



 Cyan (61%)

 Magenta (71%)

 Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 74.0650, 35.7650, -14.9150 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 74.0650, 35.7650, -14.9150 by changing the saturation by 10% instead.

74.0650, 35.7650,
-14.9150

74.0650, 35.7650,
-14.9150

253.8600, 3.2100,
-3.1100

52.6500, 29.8040,
-11.5080

124.0870, 38.6990,
-13.0210

32.5490, 20.0830,
-6.0370

150.4570, 40.5330,
-13.2190

10.9860, 11.7830,
1.2150

177.8270, 42.3670,
-13.4170

0.0000, 0.0000,
0.0000

205.3110, 43.8800,
-13.3040

229.6090, 37.0490,
-16.1590

247.3620, 21.5070,

-20.8370

■ 250.5540, 12.5190,
-12.1290

■ 74.0650, 35.7650,
-14.9150

■ 74.0650, 35.7650,
-14.9150

■ 71.2780, 39.4790,
-16.1450

■ 76.9660, 31.7300,
-13.3740

■ 79.2800, 27.9700,
-11.3100

■ 82.1810, 23.9350,
-9.7690

■ 85.0820, 19.9000,
-8.2280

■ 87.9830, 15.8650,
-6.6870

■ 90.7700, 12.1510,
-5.4570

■ 93.0840, 8.3910,
-3.3930

■ 95.9850, 4.3560,
-1.8520

■ 98.8860, 0.3210,
-0.3110

Harmonies

Analogous

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



75.7650, 46.0780, 1.9340



74.0650, 35.7650, -14.9150



71.3610, 14.0800, -23.9040

Triad

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



74.0650, 35.7650, -14.9150



65.6320, -58.0420, -16.3940



80.3340, 11.8240, 28.0160

Complementary

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



74.0650, 35.7650, -14.9150



33.9350, -35.7650, 14.9150

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.



77.2740, -23.4780, 18.0100



74.0650, 35.7650, -14.9150



67.3080, -65.5170, -7.5730

Square

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



74.0650, 35.7650, -14.9150



61.9840, -47.7700, -26.3460



64.5670, -67.4440, -0.1800



77.4370, 36.3990, 28.6790

Rectangle

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



74.0650, 35.7650, -14.9150



68.5310, -7.0100, -27.1540



64.5670, -67.4440, -0.1800



80.0060, 1.0040, 25.8680

Sweetspot

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



74.0650, 35.7650, -14.9150



118.1400, 13.9850, -5.6550



38.8740, 45.2940, 27.1660



58.0840, 8.3910, -3.3930



191.0000, -0.0000, -0.0000



64.0000, -0.0000, -0.0000

Same Dimension

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



74.0650, 35.7650, -14.9150



92.2760, 50.9880, -20.9800



83.0590, 17.5660, -32.0180



46.9570, 1.5590, -0.7210



81.0350, 44.4770, -18.6190



173.3110, 95.4650, -39.5990

Inverse Universe

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



33.9350, -35.7650, 14.9150



35.1370, -50.7130, 21.5030



25.2400, -16.9700, 32.2300



45.0430, -1.5590, 0.7210



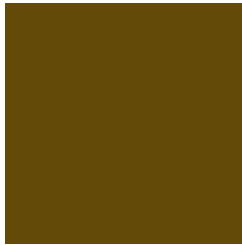
30.9650, -44.4770, 18.6190



66.6890, -95.4650, 39.5990

Previews

White Background



This preview shows how the YIQ color 74.0650, 35.7650, -14.9150 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 ✓ Pass

Black Background



This preview shows how the YIQ color 74.0650, 35.7650, -14.9150 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

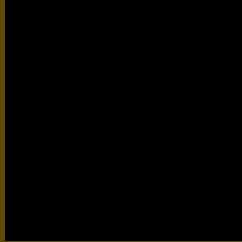
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 74.0650, 35.7650, -14.9150

Background



This preview shows how black text looks on a background with the YIQ color 74.0650, 35.7650, -14.9150.



This preview shows how white text looks on a background with the YIQ color 74.0650, 35.7650,

-14.9150.

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

74.0650, 35.7650, -14.9150

Protanopia

73.3520, 27.4670, -18.7170

Deuteranopia

74.0650, 35.7650, -14.9150



Tritanopia

79.7360, 18.6590, 8.7630

Trichromacy



Original Color

74.0650, 35.7650, -14.9150

Protanomaly

73.8470, 30.4470, -17.6570

Deuteranomaly

74.0650, 35.7650, -14.9150

Tritanomaly

77.8750, 25.2170, 0.0410

Monochromacy



Original Color

74.0650, 35.7650, -14.9150

Achromatopsia

74.0000, -0.0000, 0.0000

Achromatomaly

73.9550, 13.0680, -5.5560

CSS Examples

Text

The CSS property to change the color of the text to YIQ 74.0650, 35.7650, -14.9150 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(99, 74, 9)` looks like.

```
.text, #text, p{  
    color:rgb(99, 74, 9)  
}
```

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(99, 74, 9) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(99, 74, 9) }
```

Border

The CSS property to change the border of an element to YIQ 74.0650, 35.7650, -14.9150 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(99, 74, 9) }
```


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

```
.border{ border-color:rgb(99, 74, 9) }
```

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

Here you see how a box with a 4 pixel `rgb(99, 74, 9)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(99, 74, 9); -webkit-box-shadow:4px  
4px 4px 4px rgb(99, 74, 9); box-shadow:4px  
4px 4px 4px rgb(99, 74, 9) }
```

Background

The CSS property to change the background color of an element to YIQ 74.0650, 35.7650, -14.9150 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(99, 74, 9) }
```

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

```
.background{ background-color: rgb(99, 74,  
9) }
```

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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