

Converting Colors

YIQ(73.6760, 36.0830, 1.3550)

Have a look what the booklet for
YIQ(73.6760, 36.0830, 1.3550)
contains.

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Color

**YIQ(73.6760, 36.0830,
1.3550)**

Conversions

Conversions Part 1

Format	Color
Hex	6D3F24
RGB	109, 63, 36
RGB Percent	43%, 25%, 14%
CMY	0.5725, 0.7530, 0.8587
CMYK	0.00, 0.42, 0.67, 0.57
HSL	22°, 50%, 28%
HSV	22°, 67%, 43%
XYZ	8.4051, 6.9332, 2.5677
YIQ	73.6760, 36.0830, 1.3550

Conversions

Conversions Part 2

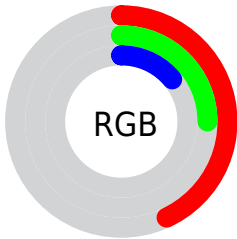
Format	Color
R_{YB}	109, 79, 36
Decimal	7159588
CIE Lab	31.65, 17.35, 24.81
CIE LCh	32, 30.277, 55.028
Yxy	6.9332, 0.4694, 0.3872
Android (android.graphics.Color)	4285349668 (0xFF6D3F24)
YUV	73.6760, -18.5743, 30.9791
Hunter-Lab	26.3310, 10.8996, 12.6500

Details

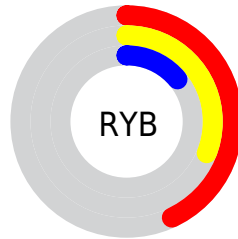
The YIQ color **73.6760, 36.0830, 1.3550** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **71.3240, -36.0830, -1.3550**, and the grayscale version is **74.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **123.5410, 40.8970, 2.2170**, and **28.4950, 29.3430, 2.3590** is the 20% darker color. If you saturate the color by 10%, you get **68.3130, 41.5390, 1.5950**, and if you desaturate by 10%, it is **79.0390, 30.6270, 1.1150**.

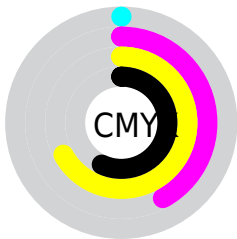
Distribution



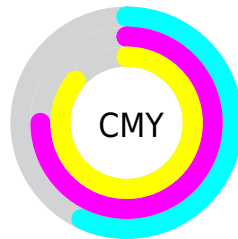
- Red (43%)
- Green (25%)
- Blue (14%)



- Red (43%)
- Yellow (31%)
- Blue (14%)



- Cyan (0%)
- Magenta (42%)
- Yellow (67%)
- Black (57%)



- Cyan (57%)
- Magenta (75%)
- Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 73.6760, 36.0830, 1.3550 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 73.6760, 36.0830, 1.3550 by changing the saturation by 10% instead.

■ 73.6760, 36.0830,
1.3550

■ 73.6760, 36.0830,
1.3550

■ 255.0000, -0.0000,
-0.0000

■ 50.5940, 33.3780,
0.8180

■ 123.5410, 40.8970,
2.2170

■ 28.4950, 29.3430,
2.3590

■ 149.9110, 42.7310,
2.0190

■ 10.4650, 20.8600,
7.4200

■ 176.6940, 44.8400,
2.3440

■ 0.0000, 0.0000,
0.0000

■ 204.2920, 46.0320,
2.7680

■ 225.3010, 32.6450,
-2.4190

■ 245.4020, 16.0030,

-9.1890

253.4040, 4.4940,
-4.3540

73.6760, 36.0830,
1.3550

73.6760, 36.0830,
1.3550

68.3130, 41.5390,
1.5950

79.0390, 30.6270,
1.1150

62.9500, 46.9950,
1.8350

84.4020, 25.1710,
0.8750

57.5870, 52.4510,
2.0750

89.7650, 19.7150,
0.6350

56.0710, 53.9640,
2.1880

94.5410, 14.5340,
0.9180

99.9040, 9.0780,
0.6780

■ 105.1530, 3.9430,
0.1270

■ 110.5160, -1.5130,
-0.1130

■ 115.8790, -6.9690,
-0.3530

■ 121.2420,
-12.4250, -0.5930

Harmonies

Analogous

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



74.5380, 36.9520, 13.1440



73.6760, 36.0830, 1.3550



72.3230, 26.4110, -10.5890

Triad

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



73.6760, 36.0830, 1.3550



58.4620, -46.1200, -23.2080



75.1730, -16.0040, 14.7160

Complementary

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



73.6760, 36.0830, 1.3550



71.3240, -36.0830, -1.3550

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.



62.3850, -55.2480, -0.9440



73.6760, 36.0830, 1.3550



61.1980, -53.8240, -15.7440

Square

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



73.6760, 36.0830, 1.3550



66.2130, -14.6220, -21.3580



62.1900, -59.3730, -8.7890



76.7480, 10.3580, 21.5420

Rectangle

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



73.6760, 36.0830, 1.3550



71.1860, 16.3710, -15.8610



62.1900, -59.3730, -8.7890



72.9760, -25.8150, 10.8010

Sweetspot

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



73.6760, 36.0830, 1.3550



129.1280, 14.2590, 0.3950



63.0710, 28.7420, 29.7820



63.1920, 8.2070, -0.0570



199.0000, -0.0000, 0.0000



71.0000, -0.0000, -0.0000

Same Dimension

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



73.6760, 36.0830, 1.3550



87.7400, 56.3940, 2.2020



94.8080, 26.1830, -17.4730



50.9680, 3.0260, 0.2260



60.2240, 57.9070, 2.3150



126.0850, 121.2700, 4.8700

Inverse Universe

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



71.3240, -36.0830, -1.3550



84.2600, -56.3940, -2.2020



50.1920, -26.1830, 17.4730



51.0320, -3.0260, -0.2260



56.7760, -57.9070, -2.3150



118.3280, -120.9950, -4.3470

Previews

White Background



This preview shows how the YIQ color 73.6760, 36.0830, 1.3550 looks on a white background.

Color Contrast Check

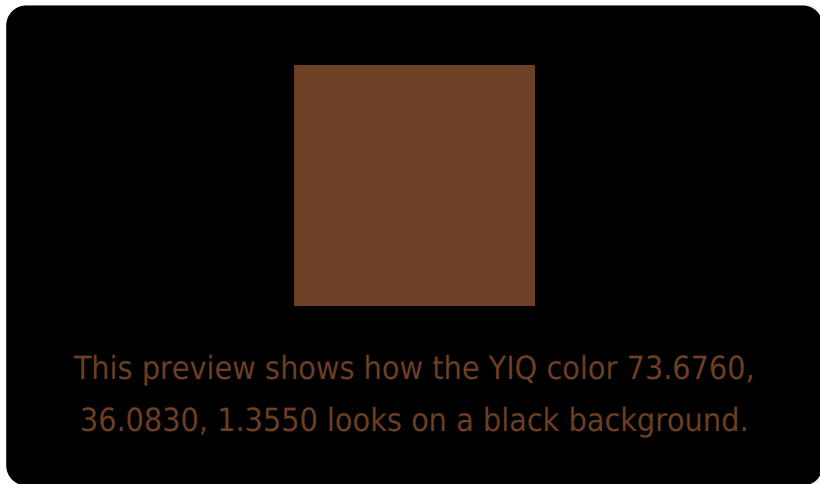
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

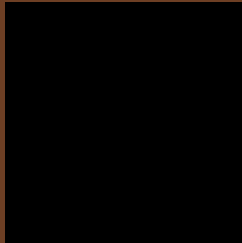
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 73.6760, 36.0830, 1.3550

Background



This preview shows how black text looks on a background with the YIQ color 73.6760, 36.0830, 1.3550.



This preview shows how white text looks on a background with the YIQ color 73.6760, 36.0830,

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

73.6760, 36.0830, 1.3550

Protanopia

73.4020, 16.0030, -9.1890

Deuteranopia

73.3600, 24.9890, -6.8430



Tritanopia

75.7050, 29.1120, 12.0560

Trichromacy



Original Color

73.6760, 36.0830, 1.3550

Protanomaly

73.6310, 22.7880, -5.5000

Deuteranomaly

73.5070, 29.0690, -3.6910

Tritanomaly

74.8530, 31.4510, 8.2110

Monochromacy



Original Color

73.6760, 36.0830, 1.3550

Achromatopsia

74.0000, -0.0000, 0.0000

Achromatomaly

73.9430, 13.3420, 0.4940

CSS Examples

Text

The CSS property to change the color of the text to YIQ 73.6760, 36.0830, 1.3550 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(109, 63, 36)` looks like.

```
.text, #text, p{  
    color:rgb(109, 63, 36)  
}
```

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(109, 63, 36) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(109, 63, 36) }
```

Border

The CSS property to change the border of an element to YIQ 73.6760, 36.0830, 1.3550 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(109, 63, 36) }
```


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

```
.border{ border-color:rgb(109, 63, 36) }
```

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

Here you see how a box with a 4 pixel `rgb(109, 63, 36)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(109, 63, 36); -webkit-box-  
shadow:4px 4px 4px 4px rgb(109, 63, 36);  
box-shadow:4px 4px 4px 4px rgb(109, 63,  
36) }
```

Background

The CSS property to change the background color of an element to YIQ 73.6760, 36.0830, 1.3550 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(109, 63, 36) }
```

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

```
.background{ background-color: rgb(109, 63,  
36) }
```

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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