

Converting Colors

YIQ(74.7440, 33.3760, 11.8720)

Have a look what the booklet for
YIQ(74.7440, 33.3760, 11.8720)
contains.

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Color

**YIQ(74.7440, 33.3760,
11.8720)**

Conversions

Conversions Part 1

Format	Color
Hex	723A3A
RGB	114, 58, 58
RGB Percent	45%, 23%, 23%
CMY	0.5528, 0.7726, 0.7724
CMYK	0.00, 0.49, 0.49, 0.55
HSL	360°, 33%, 34%
HSV	360°, 49%, 45%
XYZ	9.2203, 6.9093, 4.8552
YIQ	74.7440, 33.3760, 11.8720

Conversions

Conversions Part 2

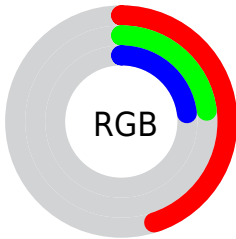
Format	Color
R_{YB}	114, 58, 58
Decimal	7486010
CIE _{Lab}	31.60, 24.57, 11.15
CIE _{LCh}	32, 26.981, 24.401
Yxy	6.9093, 0.4394, 0.3293
Android (android.graphics.Color)	4285676090 (0xFF723A3A)
YUV	74.7440, -8.2548, 34.4275
Hunter-Lab	26.2855, 16.6139, 7.4485

Details

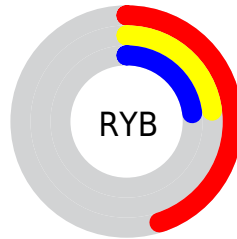
The YIQ color **74.7440, 33.3760, 11.8720** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **97.2560, -33.3760, -11.8720**, and the grayscale version is **75.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **124.4240, 37.2730, 12.8330**, and **27.7050, 29.1120, 12.0560** is the 20% darker color. If you saturate the color by 10%, you get **67.0330, 39.9320, 14.2040**, and if you desaturate by 10%, it is **82.4550, 26.8200, 9.5400**.

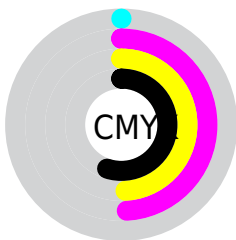
Distribution



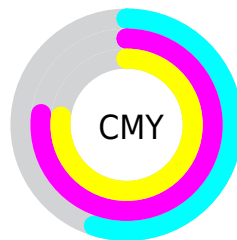
- Red (45%)
- Green (23%)
- Blue (23%)



- Red (45%)
- Yellow (23%)
- Blue (23%)



- Cyan (0%)
- Magenta (49%)
- Yellow (49%)
- Black (55%)



- Cyan (55%)
- Magenta (77%)
- Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 74.7440, 33.3760, 11.8720 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 74.7440, 33.3760, 11.8720 by changing the saturation by 10% instead.

■ 74.7440, 33.3760,
11.8720

■ 74.7440, 33.3760,
11.8720

■ 255.0000, -0.0000,
-0.0000

■ 50.9610, 31.2670,
11.5470

■ 124.4240, 37.2730,
12.8330

■ 27.7050, 29.1120,
12.0560

■ 151.2070, 39.3820,
13.1580

■ 12.2590, 24.4360,
8.6920

■ 177.8050, 40.5740,
13.5820

■ 0.0000, 0.0000,
0.0000

■ 206.2890, 42.0870,
13.6950

■ 225.9170, 25.3990,
7.7590

■ 245.5450, 8.7110,

1.8230

■ 74.7440, 33.3760,
11.8720

■ 74.7440, 33.3760,
11.8720

■ 67.0330, 39.9320,
14.2040

■ 82.4550, 26.8200,
9.5400

■ 58.6210, 47.0840,
16.7480

■ 90.8670, 19.6680,
6.9960

■ 50.9100, 53.6400,
19.0800

■ 98.5780, 13.1120,
4.6640

■ 42.4980, 60.7920,
21.6240

■ 106.9900, 5.9600,
2.1200

■ 34.7870, 67.3480,
23.9560

■ 114.7010, -0.5960,
-0.2120

■ 34.0860, 67.9440,
24.1680

■ 122.4120, -7.1520,
-2.5440

■ 130.8240,
-14.3040, -5.0880

■ 138.5350,
-20.8600, -7.4200

■ 146.9470,
-28.0120, -9.9640

Harmonies

Analogous

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



75.6540, 25.1220, 18.2900



74.7440, 33.3760, 11.8720



73.9360, 32.4150, 1.7510

Triad

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



74.7440, 33.3760, 11.8720



67.4630, -12.3300, -18.8420



67.0830, -42.5940, 1.0060

Complementary

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



74.7440, 33.3760, 11.8720



97.2560, -33.3760, -11.8720

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.



61.0330, -57.4930, -9.8210



74.7440, 33.3760, 11.8720



57.8750, -45.8450, -22.6850

Square

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



74.7440, 33.3760, 11.8720



70.5920, 9.3560, -15.3800



60.2690, -52.5860, -16.1540



74.9020, -13.8030, 13.3730

Rectangle

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



74.7440, 33.3760, 11.8720



72.9690, 27.6480, -5.4720



60.2690, -52.5860, -16.1540



60.0700, -58.9150, -6.0750

Sweetspot

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



74.7440, 33.3760, 11.8720



132.5780, 13.1120, 4.6640



80.8290, 14.8040, 29.0760



64.8870, 7.7480, 2.7560



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.



74.7440, 33.3760, 11.8720



87.0130, 51.8520, 18.4440



90.5930, 25.9510, -2.2490



51.7940, 3.5760, 1.2720



35.8800, 71.5200, 25.4400



73.8530, 147.2120, 52.3640

Inverse Universe

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



74.7440, 33.3760, 11.8720



87.0130, 51.8520, 18.4440



81.4070, -25.9510, 2.2490



51.7940, 3.5760, 1.2720



35.8800, 71.5200, 25.4400



73.8530, 147.2120, 52.3640

Previews

White Background



This preview shows how the YIQ color 74.7440, 33.3760, 11.8720 looks on a white background.

Color Contrast Check

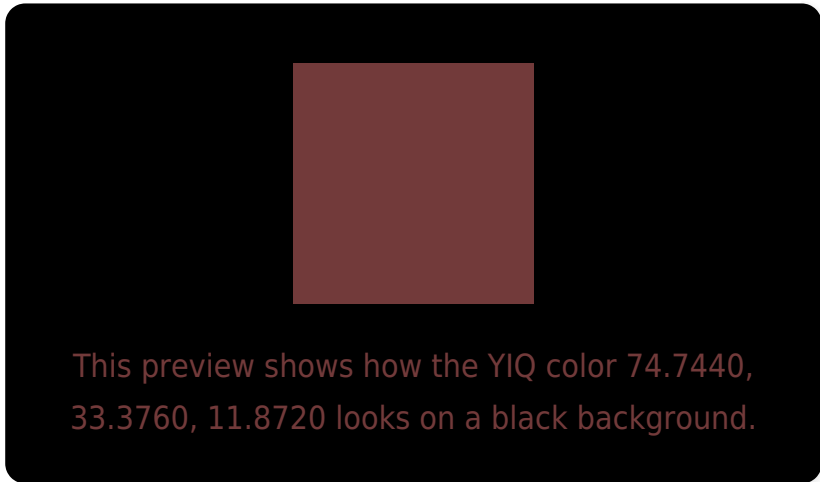
Large Text (above 18pt) WCAG AA ✓ Pass

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 74.7440, 33.3760, 11.8720

Background



This preview shows how black text looks on a background with the YIQ color 74.7440, 33.3760, 11.8720.



This preview shows how white text looks on a background with the YIQ color 74.7440, 33.3760,

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

74.7440, 33.3760, 11.8720

Protanopia

74.8710, 4.6770, -2.1630

Deuteranopia

75.2590, 15.2680, -1.3720



Tritanopia

74.6130, 32.3670, 13.6390

Trichromacy



Original Color

74.7440, 33.3760, 11.8720

Protanomaly

74.8940, 15.0380, 2.7980

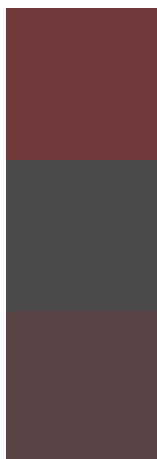
Deuteranomaly

75.1290, 21.6860, 3.4620

Tritanomaly

74.4990, 32.6880, 13.3280

Monochromacy



Original Color

74.7440, 33.3760, 11.8720

Achromatopsia

75.0000, -0.0000, -0.0000

Achromatomaly

74.9800, 11.9200, 4.2400

CSS Examples

Text

The CSS property to change the color of the text to YIQ 74.7440, 33.3760, 11.8720 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(114, 58, 58)` looks like.

```
.text, #text, p{  
    color:rgb(114, 58, 58)  
}
```

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(114, 58, 58) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(114, 58, 58) }
```

Border

The CSS property to change the border of an element to YIQ 74.7440, 33.3760, 11.8720 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(114, 58, 58) }
```


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

```
.border{ border-color:rgb(114, 58, 58) }
```

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

Here you see how a box with a 4 pixel rgb(114, 58, 58) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(114, 58, 58); -webkit-box-  
shadow:4px 4px 4px 4px rgb(114, 58, 58);  
box-shadow:4px 4px 4px 4px rgb(114, 58,  
58) }
```

Background

The CSS property to change the background color of an element to YIQ 74.7440, 33.3760, 11.8720 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(114, 58, 58) }
```

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

```
.background{ background-color: rgb(114, 58,  
58) }
```

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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