

Converting Colors

YIQ(72.8730, 37.8670, 24.0990)

Have a look what the booklet for
YIQ(72.8730, 37.8670, 24.0990)
contains.

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Color

**YIQ(72.8730, 37.8670,
24.0990)**

Conversions

Conversions Part 1

Format	Color
Hex	7C2F48
RGB	124, 47, 72
RGB Percent	49%, 18%, 28%
CMY	0.5135, 0.8158, 0.7175
CMYK	0.00, 0.62, 0.42, 0.51
HSL	340°, 45%, 34%
HSV	340°, 62%, 49%
XYZ	10.5055, 6.7876, 6.8930
YIQ	72.8730, 37.8670, 24.0990

Conversions

Conversions Part 2

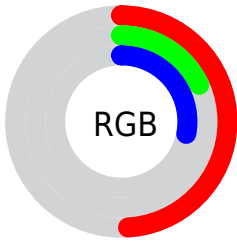
Format	Color
RYB	124, 47, 72
Decimal	8138568
CIELab	31.32, 36.00, 1.87
CIELCh	31, 36.045, 2.979
Yxy	6.7876, 0.4344, 0.2806
Android (android.graphics.Color)	4286328648 (0xFF7C2F48)
YUV	72.8730, -0.4304, 44.8384
Hunter-Lab	26.0531, 26.3846, 2.5504

Details

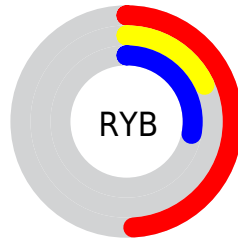
The YIQ color **72.8730, 37.8670, 24.0990** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **98.1270, -37.8670, -24.0990**, and the grayscale version is **73.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **124.1400, 41.4890, 24.5370**, and **24.5350, 33.0070, 24.0710** is the 20% darker color. If you saturate the color by 10%, you get **64.9170, 43.7350, 27.8870**, and if you desaturate by 10%, it is **80.8290, 31.9990, 20.3110**.

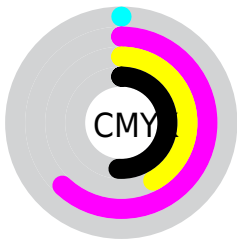
Distribution



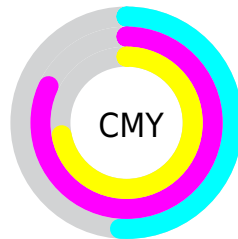
- Red (49%)
- Green (18%)
- Blue (28%)



- Red (49%)
- Yellow (18%)
- Blue (28%)



- Cyan (0%)
- Magenta (62%)
- Yellow (42%)
- Black (51%)



- Cyan (51%)
- Magenta (82%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 72.8730, 37.8670, 24.0990 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 72.8730, 37.8670, 24.0990 by changing the saturation by 10% instead.

■ 72.8730, 37.8670,
24.0990

■ 72.8730, 37.8670,
24.0990

■ 255.0000, -0.0000,
-0.0000

■ 47.0300, 35.9870,
25.1310

■ 124.1400, 41.4890,
24.5370

■ 24.5350, 33.0070,
24.0710

■ 151.0370, 43.2770,
25.1730

■ 14.8790, 28.5620,
11.0100

■ 178.0480, 44.7440,
26.1200

■ 0.0000, 0.0000,
0.0000

■ 202.9440, 39.1050,
23.6890

■ 221.9850, 22.6920,
18.2760

■ 242.0860, 6.0500,

11.5060

■ 72.8730, 37.8670,
24.0990

■ 72.8730, 37.8670,
24.0990

■ 64.9170, 43.7350,
27.8870

■ 80.8290, 31.9990,
20.3110

■ 56.2600, 50.1990,
31.8870

■ 89.4860, 25.5350,
16.3110

■ 48.3040, 56.0670,
35.6750

■ 97.4420, 19.6670,
12.5230

■ 41.6360, 61.0640,
38.7280

■ 106.0990, 13.2030,
8.5230

■ 114.0550, 7.3350,
4.7350

■ 122.0110, 1.4670,
0.9470

■ 130.6680, -4.9970,
-3.0530

■ 138.6240,
-10.8650, -6.8410

■ 147.1670,
-17.0080, -11.1520

Harmonies

Analogous

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



75.4010, 18.8850, 26.7010



72.8730, 37.8670, 24.0990



72.1320, 43.9670, 12.6630

Triad

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



72.8730, 37.8670, 24.0990



67.0980, 4.6350, -23.4370



62.8570, -62.6290, -4.8450

Complementary

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



72.8730, 37.8670, 24.0990



98.1270, -37.8670, -24.0990

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.



62.9250, -57.3090, -13.1570



72.8730, 37.8670, 24.0990



57.0470, -34.8860, -28.5660

Square

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



72.8730, 37.8670, 24.0990



69.8190, 27.6500, -16.5260



59.7330, -48.3210, -21.8650



59.7310, -62.0340, 0.8940

Rectangle

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



72.8730, 37.8670, 24.0990



72.0250, 42.4100, 2.3300



59.7330, -48.3210, -21.8650



63.3470, -61.2530, -7.7570

Sweetspot

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



72.8730, 37.8670, 24.0990



140.4090, 15.2660, 9.6820



71.0270, 5.6790, 34.7590



69.3650, 9.3980, 5.8940



209.0000, 0.0000, 0.0000



82.0000, 0.0000, -0.0000

Same Dimension

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



72.8730, 37.8670, 24.0990



80.6250, 59.5970, 37.7810



77.6540, 42.3170, 9.5250



57.0220, 2.9340, 1.8940



42.0490, 61.3390, 39.2510



84.6960, 123.8700, 78.9260

Inverse Universe

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



72.8730, 37.8670, 24.0990



80.6250, 59.5970, 37.7810



93.3460, -42.3170, -9.5250



57.0220, 2.9340, 1.8940



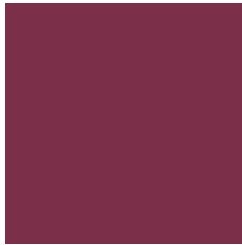
42.0490, 61.3390, 39.2510



84.6960, 123.8700, 78.9260

Previews

White Background



This preview shows how the YIQ color 72.8730, 37.8670, 24.0990 looks on a white background.

Color Contrast Check

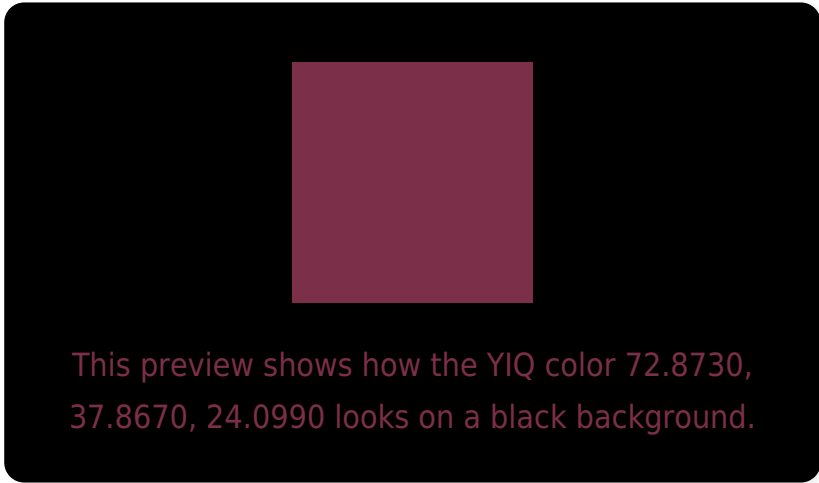
Large Text (above 18pt) WCAG AA ✓ Pass

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

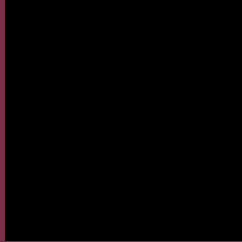
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 72.8730, 37.8670, 24.0990

Background



This preview shows how black text looks on a background with the YIQ color 72.8730, 37.8670, 24.0990.



This preview shows how white text looks on a background with the YIQ color 72.8730, 37.8670,

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

72.8730, 37.8670, 24.0990

Protanopia

74.9980, -5.6860, 3.9300

Deuteranopia

75.1320, 8.4360, 1.3000



Tritanopia

72.8700, 41.9490, 16.1970

Trichromacy



Original Color

72.8730, 37.8670, 24.0990

Protanomaly

74.1250, 10.3140, 11.3220

Deuteranomaly

74.4480, 19.5300, 9.4980

Tritanomaly

73.0810, 39.9770, 18.8970

Monochromacy



Original Color

72.8730, 37.8670, 24.0990

Achromatopsia

73.0000, -0.0000, -0.0000

Achromatomaly

73.3980, 13.7990, 8.7350

CSS Examples

Text

The CSS property to change the color of the text to YIQ 72.8730, 37.8670, 24.0990 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(124, 47, 72)` looks like.

```
.text, #text, p{  
    color:rgb(124, 47, 72)  
}
```

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(124, 47, 72) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 47, 72) }
```

Border

The CSS property to change the border of an element to YIQ 72.8730, 37.8670, 24.0990 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(124, 47, 72) }
```


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

```
.border{ border-color:rgb(124, 47, 72) }
```

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

Here you see how a box with a 4 pixel `rgb(124, 47, 72)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 47, 72); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 47, 72);  
box-shadow:4px 4px 4px 4px rgb(124, 47,  
72) }
```

Background

The CSS property to change the background color of an element to YIQ 72.8730, 37.8670, 24.0990 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 47, 72) }
```

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

```
.background{ background-color: rgb(124, 47,  
72) }
```

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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