

Converting Colors

YIQ(89.8790, 73.2610, 32.4370)

Have a look what the booklet for
YIQ(89.8790, 73.2610, 32.4370)
contains.

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Color

**YIQ(89.8790, 73.2610,
32.4370)**

Conversions

Conversions Part 1

Format	Color
Hex	B43140
RGB	180, 49, 64
RGB Percent	71%, 19%, 25%
CMY	0.2938, 0.8080, 0.7487
CMYK	0.00, 0.73, 0.64, 0.29
HSL	353°, 57%, 45%
HSV	353°, 73%, 71%
XYZ	20.8649, 12.2761, 6.1309
YIQ	89.8790, 73.2610, 32.4370

Conversions

Conversions Part 2

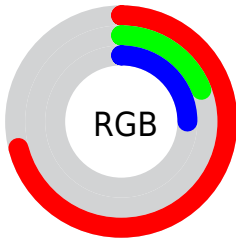
Format	Color
R_{YB}	180, 49, 64
Decimal	11809088
CIE _{Lab}	41.65, 53.12, 22.74
CIE _{LCh}	42, 57.787, 23.176
Yxy	12.2761, 0.5313, 0.3126
Android (android.graphics.Color)	4289999168 (0xFFB43140)
YUV	89.8790, -12.7583, 79.0361
Hunter-Lab	35.0373, 44.9825, 14.1514

Details

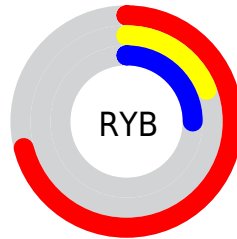
The YIQ color **89.8790, 73.2610, 32.4370** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **139.1210, -73.2610, -32.4370**, and the grayscale version is **90.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **146.4620, 78.8090, 31.0090**, and **38.3880, 64.4580, 32.2820** is the 20% darker color. If you saturate the color by 10%, you get **77.4890, 83.3470, 36.8750**, and if you desaturate by 10%, it is **102.2690, 63.1750, 27.9990**.

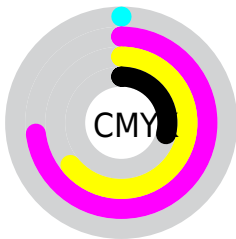
Distribution



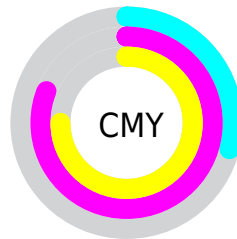
- Red (71%)
- Green (19%)
- Blue (25%)



- Red (71%)
- Yellow (19%)
- Blue (25%)



- Cyan (0%)
- Magenta (73%)
- Yellow (64%)
- Black (29%)



- Cyan (29%)
- Magenta (81%)
- Yellow (75%)
- Black (0%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 89.8790, 73.2610, 32.4370 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 89.8790, 73.2610, 32.4370 by changing the saturation by 10% instead.

■ 89.8790, 73.2610,
32.4370

■ 89.8790, 73.2610,
32.4370

255.0000, -0.0000,
-0.0000

■ 57.2690, 72.3430,
38.0630

■ 146.4620, 78.8090,
31.0090

■ 38.3880, 64.4580,
32.2820

■ 169.3470, 71.7030,
27.6310

■ 27.2090, 54.2360,
19.2920

■ 188.7470, 55.6570,
21.0730

■ 19.0650, 36.9060,
13.9780

■ 208.2610, 39.2900,
14.8260

■ 9.3830, 18.1550,
6.8830

■ 228.4760, 22.3270,
8.3670

■ 0.0000, 0.0000,
0.0000

■ 248.8050, 5.0430,

2.2190

■ 89.8790, 73.2610,
32.4370

■ 89.8790, 73.2610,
32.4370

■ 77.4890, 83.3470,
36.8750

■ 102.2690, 63.1750,
27.9990

■ 65.0990, 93.4330,
41.3130

■ 114.6590, 53.0890,
23.5610

■ 56.2140, 100.5390,
44.6910

■ 127.0490, 43.0030,
19.1230

■ 139.4390, 32.9170,
14.6850

■ 151.8290, 22.8310,
10.2470

■ 164.2190, 12.7450,
5.8090

■ 176.6090, 2.6590,
1.3710

■ 188.9990, -7.4270,
-3.0670

■ 201.2750,
-17.1920, -7.8160

Harmonies

Analogous

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



91.6930, 56.8900, 48.2980



89.8790, 73.2610, 32.4370



92.7540, 70.9740, 2.2860

Triad

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



89.8790, 73.2610, 32.4370



71.6090, -43.1810, -48.9490



84.8110, -91.3780, 4.0620

Complementary

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



89.8790, 73.2610, 32.4370



139.1210, -73.2610, -32.4370

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.



87.9280, -87.7540, -6.5540



89.8790, 73.2610, 32.4370



79.5430, -60.0100, -35.8020

Square

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



89.8790, 73.2610, 32.4370



87.9250, 20.6390, -38.1530



85.1290, -75.7390, -20.5630



95.2630, -42.1400, 25.8280

Rectangle

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



89.8790, 73.2610, 32.4370



92.6410, 60.3860, -15.0860



85.1290, -75.7390, -20.5630



86.8170, -91.5150, 1.0370

Sweetspot

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



89.8790, 73.2610, 32.4370



199.2320, 29.0660, 12.8900



98.6180, 27.0850, 65.3330



96.3120, 16.9170, 7.2930



245.0000, -0.0000, 0.0000



117.0000, -0.0000, 0.0000

Same Dimension

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



89.8790, 73.2610, 32.4370



94.0310, 114.4760, 50.9240



117.5190, 64.3260, 1.6220



82.8050, 5.0430, 2.2190



47.7990, 85.4100, 38.0340



8.1160, 14.5330, 6.4450

Inverse Universe

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



89.8790, 73.2610, 32.4370



94.0310, 114.4760, 50.9240



111.4810, -64.3260, -1.6220



82.8050, 5.0430, 2.2190



47.7990, 85.4100, 38.0340



8.1160, 14.5330, 6.4450

Previews

White Background



This preview shows how the YIQ color 89.8790, 73.2610, 32.4370 looks on a white background.

Color Contrast Check

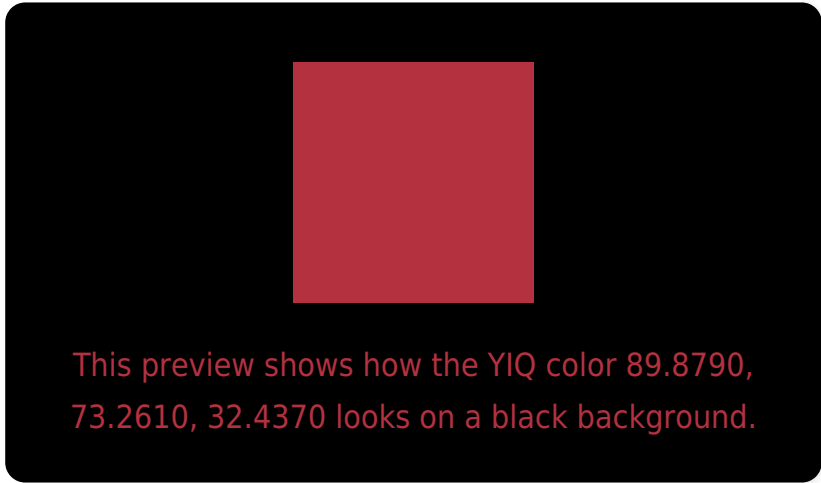
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



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 89.8790, 73.2610, 32.4370

Background



This preview shows how black text looks on a background with the YIQ color 89.8790, 73.2610, 32.4370.



This preview shows how white text looks on a background with the YIQ color 89.8790, 73.2610,

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

89.8790, 73.2610, 32.4370

Protanopia

98.8990, 7.4740, -3.2940

Deuteranopia

98.4420, 27.6940, -6.3060



Tritanopia

89.7990, 76.2420, 27.9700

Trichromacy



Original Color

89.8790, 73.2610, 32.4370

Protanomaly

95.7930, 31.6800, 9.5680

Deuteranomaly

95.0840, 43.9220, 7.9700

Tritanomaly

89.6680, 75.2330, 29.7370

Monochromacy



Original Color

89.8790, 73.2610, 32.4370

Achromatopsia

90.0000, -0.0000, -0.0000

Achromatomaly

90.0360, 26.6820, 12.0420

CSS Examples

Text

The CSS property to change the color of the text to YIQ 89.8790, 73.2610, 32.4370 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(180, 49, 64)` looks like.

```
.text, #text, p{  
    color:rgb(180, 49, 64)  
}
```

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(180, 49, 64) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 49, 64) }
```

Border

The CSS property to change the border of an element to YIQ 89.8790, 73.2610, 32.4370 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(180, 49, 64) }
```


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

```
.border{ border-color:rgb(180, 49, 64) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 49, 64)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 49, 64); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 49, 64);  
box-shadow:4px 4px 4px 4px rgb(180, 49,  
64) }
```

Background

The CSS property to change the background color of an element to YIQ 89.8790, 73.2610, 32.4370 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 49, 64) }
```

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

```
.background{ background-color: rgb(180, 49,  
64) }
```

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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