

Converting Colors

YIQ(75.2360, 32.4110, 23.8590)

Have a look what the booklet for
YIQ(75.2360, 32.4110, 23.8590)
contains.

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Color

**YIQ(75.2360, 32.4110,
23.8590)**

Conversions

Conversions Part 1

Format	Color
Hex	793350
RGB	121, 51, 80
RGB Percent	47%, 20%, 31%
CMY	0.5253, 0.8001, 0.6862
CMYK	0.00, 0.58, 0.34, 0.53
HSL	335°, 41%, 34%
HSV	335°, 58%, 47%
XYZ	10.5233, 7.0130, 8.3937
YIQ	75.2360, 32.4110, 23.8590

Conversions

Conversions Part 2

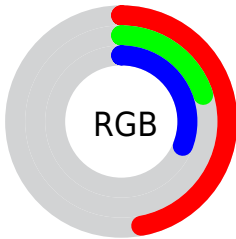
Format	Color
R_{YB}	121, 51, 80
Decimal	7942992
CIE Lab	31.84, 33.90, -2.64
CIE LCh	32, 34.001, 355.543
Yxy	7.0130, 0.4058, 0.2705
Android (android.graphics.Color)	4286133072 (0xFF793350)
YUV	75.2360, 2.3487, 40.1350
Hunter-Lab	26.4821, 24.5873, -0.2549

Details

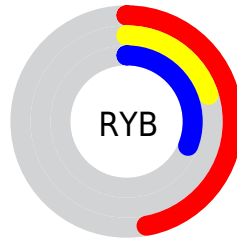
The YIQ color **75.2360, 32.4110, 23.8590** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **96.7640, -32.4110, -23.8590**, and the grayscale version is **75.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **126.6170, 35.7120, 24.6080**, and **24.7350, 29.5680, 25.8240** is the 20% darker color. If you saturate the color by 10%, you get **67.3940, 37.9580, 27.9580**, and if you desaturate by 10%, it is **83.0780, 26.8640, 19.7600**.

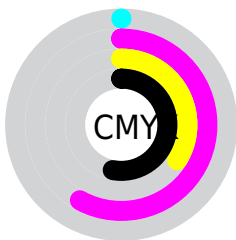
Distribution



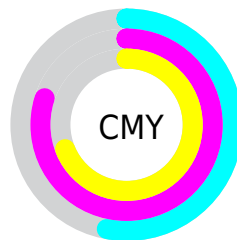
- Red (47%)
- Green (20%)
- Blue (31%)



- Red (47%)
- Yellow (20%)
- Blue (31%)



- Cyan (0%)
- Magenta (58%)
- Yellow (34%)
- Black (53%)



- Cyan (53%)
- Magenta (80%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 75.2360, 32.4110, 23.8590 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 75.2360, 32.4110, 23.8590 by changing the saturation by 10% instead.

■ 75.2360, 32.4110,
23.8590

■ 75.2360, 32.4110,
23.8590

■ 255.0000, -0.0000,
-0.0000

■ 50.1650, 31.1730,
24.2690

■ 126.6170, 35.7120,
24.6080

■ 24.7350, 29.5680,
25.8240

■ 152.6280, 37.1790,
25.5550

■ 15.6490, 23.5180,
14.3180

■ 180.2260, 38.3710,
25.9790

■ 0.0000, 0.0000,
0.0000

■ 205.8450, 35.0700,
25.2300

■ 225.4730, 18.3820,
19.2940

■ 244.4340, 4.9500,

9.4140

■ 75.2360, 32.4110,
23.8590

■ 75.2360, 32.4110,
23.8590

■ 67.3940, 37.9580,
27.9580

■ 83.0780, 26.8640,
19.7600

■ 59.5520, 43.5050,
32.0570

■ 90.9200, 21.3170,
15.6610

■ 51.7100, 49.0520,
36.1560

■ 98.7620, 15.7700,
11.5620

■ 43.8680, 54.5990,
40.2550

■ 106.6040, 10.2230,
7.4630

■ 41.8790, 56.0660,
41.2020

■ 114.4460, 4.6760,
3.3640

■ 122.9890, -1.4670,
-0.9470

■ 130.8310, -7.0140,
-5.0460

■ 138.6730,
-12.5610, -9.1450

■ 146.5150,
-18.1080, -13.2440

Harmonies

Analogous

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



77.1120, 12.3290, 24.3690



75.2360, 32.4110, 23.8590



73.9300, 41.7200, 14.8400

Triad

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



75.2360, 32.4110, 23.8590



69.6150, 10.5490, -20.4830



63.3470, -61.2530, -7.7570

Complementary

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



75.2360, 32.4110, 23.8590



96.7640, -32.4110, -23.8590

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.



62.7140, -55.3370, -15.8570



75.2360, 32.4110, 23.8590



64.3650, -18.1060, -24.2980

Square

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



75.2360, 32.4110, 23.8590



72.1230, 29.8500, -12.3420



59.6360, -46.6700, -24.2540



60.9650, -62.8130, -1.5090

Rectangle

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



75.2360, 32.4110, 23.8590



73.9480, 41.3090, 5.7650



59.6360, -46.6700, -24.2540



63.2500, -59.6020, -10.1460

Sweetspot

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



75.2360, 32.4110, 23.8590



140.3270, 12.5610, 9.1450



71.2390, 1.9660, 30.4620



68.5820, 7.2890, 5.5690



207.0000, 0.0000, -0.0000



79.0000, -0.0000, 0.0000

Same Dimension

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



75.2360, 32.4110, 23.8590



86.7210, 50.5190, 37.1030



75.4520, 40.0700, 11.7020



57.1360, 2.6130, 2.2050



43.3030, 57.8080, 42.6720



87.3180, 116.4870, 86.0790

Inverse Universe

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



75.2360, 32.4110, 23.8590



86.7210, 50.5190, 37.1030



96.5480, -40.0700, -11.7020



57.1360, 2.6130, 2.2050



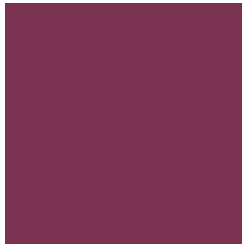
43.3030, 57.8080, 42.6720



87.3180, 116.4870, 86.0790

Previews

White Background



This preview shows how the YIQ color 75.2360, 32.4110, 23.8590 looks on a white background.

Color Contrast Check

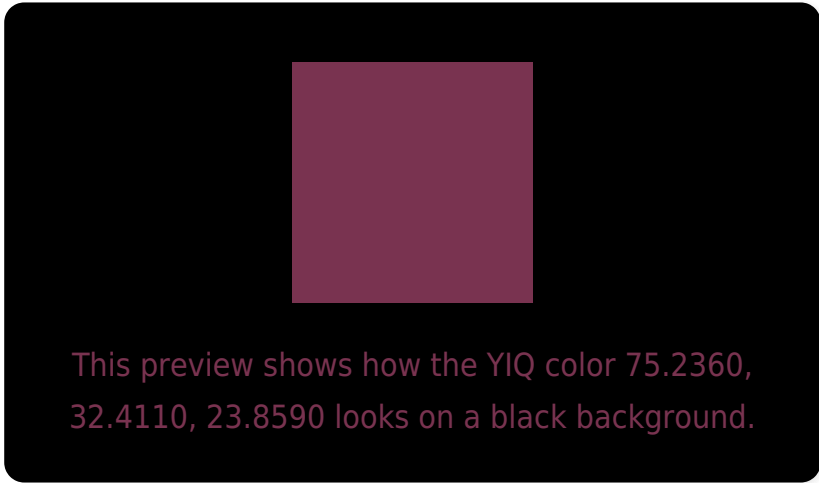
Large Text (above 18pt) WCAG AA ✓ Pass

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

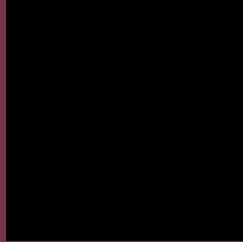
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 75.2360, 32.4110, 23.8590

Background



This preview shows how black text looks on a background with the YIQ color 75.2360, 32.4110, 23.8590.



This preview shows how white text looks on a background with the YIQ color 75.2360, 32.4110,

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

75.2360, 32.4110, 23.8590

Protanopia

76.0840, -8.8040, 5.3720

Deuteranopia

76.4460, 4.6760, 3.3640



Tritanopia

74.5920, 36.8600, 14.8120

Trichromacy



Original Color

75.2360, 32.4110, 23.8590

Protanomaly

75.6130, 6.0040, 12.3400

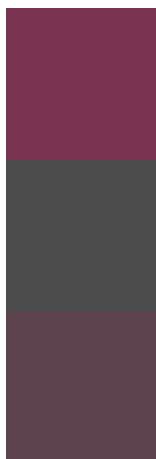
Deuteranomaly

76.0500, 14.8990, 10.8270

Tritanomaly

75.2160, 35.1630, 18.0350

Monochromacy



Original Color

75.2360, 32.4110, 23.8590

Achromatopsia

75.0000, -0.0000, -0.0000

Achromatomaly

75.0280, 11.9650, 8.9330

CSS Examples

Text

The CSS property to change the color of the text to YIQ 75.2360, 32.4110, 23.8590 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(121, 51, 80)` looks like.

```
.text, #text, p{  
    color:rgb(121, 51, 80)  
}
```

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(121, 51, 80) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 51, 80) }
```

Border

The CSS property to change the border of an element to YIQ 75.2360, 32.4110, 23.8590 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(121, 51, 80) }
```


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

```
.border{ border-color:rgb(121, 51, 80) }
```

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

Here you see how a box with a 4 pixel rgb(121, 51, 80) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(121, 51, 80); -webkit-box-  
shadow:4px 4px 4px 4px rgb(121, 51, 80);  
box-shadow:4px 4px 4px 4px rgb(121, 51,  
80) }
```

Background

The CSS property to change the background color of an element to YIQ 75.2360, 32.4110, 23.8590 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 51, 80) }
```

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

```
.background{ background-color: rgb(121, 51,  
80) }
```

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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