

Converting Colors

YIQ(75.9120, 51.2990, 33.9790)

Have a look what the booklet for
YIQ(75.9120, 51.2990, 33.9790)
contains.

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Color

**YIQ(75.9120, 51.2990,
33.9790)**

Conversions

Conversions Part 1

Format	Color
Hex	92284D
RGB	146, 40, 77
RGB Percent	57%, 16%, 30%
CMY	0.4272, 0.8433, 0.6979
CMYK	0.00, 0.73, 0.47, 0.43
HSL	339°, 57%, 36%
HSV	339°, 73%, 57%
XYZ	13.9650, 8.1685, 7.8701
YIQ	75.9120, 51.2990, 33.9790

Conversions

Conversions Part 2

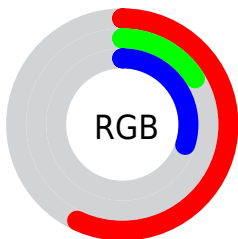
Format	Color
R_{YB}	146, 40, 77
Decimal	9578573
CIE Lab	34.33, 46.89, 3.47
CIE LCh	34, 47.021, 4.228
Yxy	8.1685, 0.4654, 0.2723
Android (android.graphics.Color)	4287768653 (0xFF92284D)
YUV	75.9120, 0.5364, 61.4672
Hunter-Lab	28.5805, 37.2024, 3.6800

Details

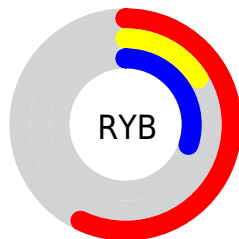
The YIQ color **75.9120, 51.2990, 33.9790** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **110.0880, -51.2990, -33.9790**, and the grayscale version is **76.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **130.5380, 55.2880, 33.2720**, and **30.6720, 43.0470, 29.3430** is the 20% darker color. If you saturate the color by 10%, you get **66.0810, 58.3130, 39.0250**, and if you desaturate by 10%, it is **85.8570, 43.9640, 29.2440**.

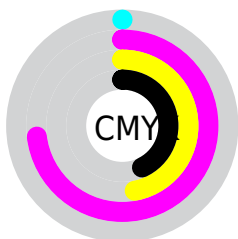
Distribution



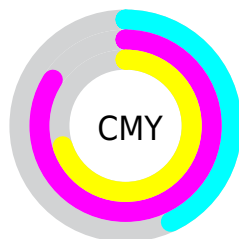
- Red (57%)
- Green (16%)
- Blue (30%)



- Red (57%)
- Yellow (16%)
- Blue (30%)



- Cyan (0%)
- Magenta (73%)
- Yellow (47%)
- Black (43%)



- Cyan (43%)
- Magenta (84%)
- Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 75.9120, 51.2990, 33.9790 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 75.9120, 51.2990, 33.9790 by changing the saturation by 10% instead.

■ 75.9120, 51.2990,
33.9790

■ 75.9120, 51.2990,
33.9790

■ 255.0000, -0.0000,
-0.0000

■ 43.7860, 51.8940,
39.7180

■ 130.5380, 55.2880,
33.2720

■ 30.6720, 43.0470,
29.3430

■ 157.7340, 57.6720,
34.1200

■ 20.2760, 34.9340,
16.6780

■ 183.4130, 54.1420,
32.0140

■ 10.8780, 21.1350,
7.9430

■ 202.4540, 37.7290,
26.6010

■ 0.0000, 0.0000,
0.0000

■ 222.0820, 21.0410,
20.6650

■ 241.4990, 6.3250,

12.0290

■ 75.9120, 51.2990,
33.9790

■ 75.9120, 51.2990,
33.9790

■ 66.0810, 58.3130,
39.0250

■ 85.8570, 43.9640,
29.2440

■ 56.7230, 65.3730,
43.2370

■ 95.1010, 37.2250,
24.7210

■ 49.4680, 70.6450,
46.8130

■ 105.0460, 29.8900,
19.9860

■ 114.2900, 23.1510,
15.4630

■ 124.2350, 15.8160,
10.7280

■ 134.0660, 8.8020,
5.6820

■ 143.4240, 1.7420,
1.4700

■ 153.2550, -5.2720,
-3.5760

■ 162.6130,
-12.3320, -7.7880

Harmonies

Analogous

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



80.9170, 26.5400, 36.6520



75.9120, 51.2990, 33.9790



75.8950, 57.9960, 17.2280

Triad

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



75.9120, 51.2990, 33.9790



69.7740, 5.1870, -33.4450



71.4630, -73.0830, -2.6110

Complementary

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



75.9120, 51.2990, 33.9790



110.0880, -51.2990, -33.9790

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.



70.8470, -65.8370, -12.7890



75.9120, 51.2990, 33.9790



61.0090, -40.8910, -35.3790

Square

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



75.9120, 51.2990, 33.9790



75.3540, 33.1530, -22.6470



67.2160, -54.2350, -24.8190



67.0920, -73.1760, 4.5840

Rectangle

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



75.9120, 51.2990, 33.9790



77.0280, 55.5230, 1.4670



67.2160, -54.2350, -24.8190



71.8390, -71.3860, -5.8340

Sweetspot

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



75.9120, 51.2990, 33.9790



161.2680, 20.2170, 13.5690



72.7150, 7.0980, 47.5940



78.0880, 11.7360, 7.5760



222.0000, -0.0000, 0.0000



94.0000, 0.0000, 0.0000

Same Dimension

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



75.9120, 51.2990, 33.9790



80.5340, 79.4470, 52.4950



81.0860, 58.7760, 14.1040



69.3210, 3.5300, 2.1060



46.7340, 66.8400, 44.1840



3.4460, 4.6760, 3.3640

Inverse Universe

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



75.9120, 51.2990, 33.9790



80.5340, 79.4470, 52.4950



104.9140, -58.7760, -14.1040



69.3210, 3.5300, 2.1060



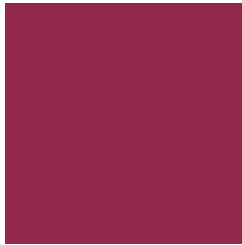
46.7340, 66.8400, 44.1840



3.4460, 4.6760, 3.3640

Previews

White Background



This preview shows how the YIQ color 75.9120, 51.2990, 33.9790 looks on a white background.

Color Contrast Check

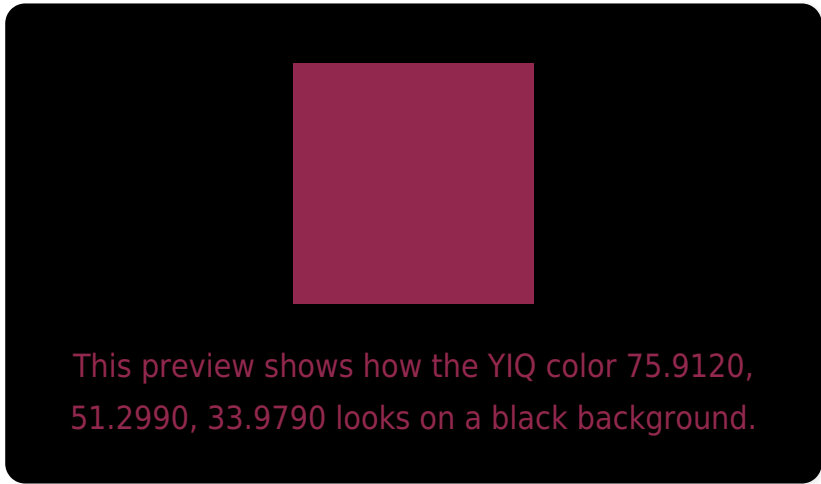
Large Text (above 18pt) WCAG AA ✓ Pass

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

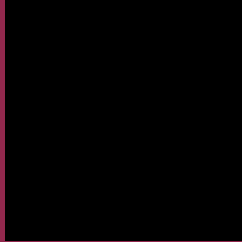
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 75.9120, 51.2990, 33.9790

Background



This preview shows how black text looks on a background with the YIQ color 75.9120, 51.2990, 33.9790.



This preview shows how white text looks on a background with the YIQ color 75.9120, 51.2990,

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

75.9120, 51.2990, 33.9790

Protanopia

82.2690, -7.8870, 5.2730

Deuteranopia

82.3880, 10.5910, 0.7910



Tritanopia

76.2310, 57.1700, 21.1860

Trichromacy



Original Color

75.9120, 51.2990, 33.9790

Protanomaly

80.0270, 13.7060, 15.9300

Deuteranomaly

80.0790, 25.1230, 12.7630

Tritanomaly

75.9090, 55.3810, 26.0770

Monochromacy



Original Color

75.9120, 51.2990, 33.9790

Achromatopsia

76.0000, -0.0000, -0.0000

Achromatomaly

75.8440, 18.4750, 12.0990

CSS Examples

Text

The CSS property to change the color of the text to YIQ 75.9120, 51.2990, 33.9790 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(146, 40, 77)` looks like.

```
.text, #text, p{  
    color:rgb(146, 40, 77)  
}
```

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(146, 40, 77) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 40, 77) }
```

Border

The CSS property to change the border of an element to YIQ 75.9120, 51.2990, 33.9790 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(146, 40, 77) }
```


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

```
.border{ border-color:rgb(146, 40, 77) }
```

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

Here you see how a box with a 4 pixel `rgb(146, 40, 77)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(146, 40, 77); -webkit-box-  
shadow:4px 4px 4px 4px rgb(146, 40, 77);  
box-shadow:4px 4px 4px 4px rgb(146, 40,  
77) }
```

Background

The CSS property to change the background color of an element to YIQ 75.9120, 51.2990, 33.9790 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 40, 77) }
```

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

```
.background{ background-color: rgb(146, 40,  
77) }
```

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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