

Converting Colors

YIQ(76.4890, 56.9840, 35.5760)

Have a look what the booklet for
YIQ(76.4890, 56.9840, 35.5760)
contains.

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Color

**YIQ(76.4890, 56.9840,
35.5760)**

Conversions

Conversions Part 1

Format	Color
Hex	99264A
RGB	153, 38, 74
RGB Percent	60%, 15%, 29%
CMY	0.3997, 0.8511, 0.7096
CMYK	0.00, 0.75, 0.52, 0.40
HSL	341°, 60%, 37%
HSV	341°, 75%, 60%
XYZ	15.0804, 8.6579, 7.3638
YIQ	76.4890, 56.9840, 35.5760

Conversions

Conversions Part 2

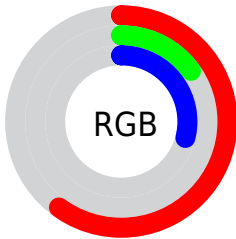
Format	Color
RYB	153, 38, 74
Decimal	10036810
CIELab	35.32, 49.49, 6.99
CIElCh	35, 49.981, 8.043
Yxy	8.6579, 0.4849, 0.2784
Android (android.graphics.Color)	4288226890 (0xFF99264A)
YUV	76.4890, -1.2271, 67.1001
Hunter-Lab	29.4243, 39.9917, 5.7589

Details

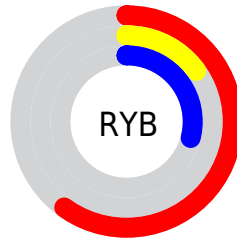
The YIQ color **76.4890, 56.9840, 35.5760** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **114.5110, -56.9840, -35.5760**, and the grayscale version is **76.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **131.8870, 61.6150, 34.2470**, and **32.2380, 47.2650, 29.9930** is the 20% darker color. If you saturate the color by 10%, you get **66.5440, 64.3190, 40.3110**, and if you desaturate by 10%, it is **86.5480, 49.3280, 31.1520**.

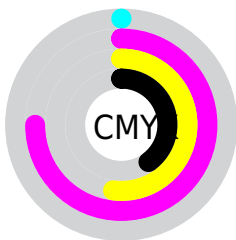
Distribution



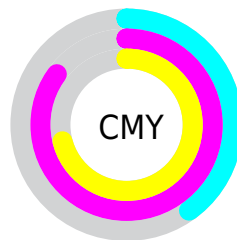
- Red (60%)
- Green (15%)
- Blue (29%)



- Red (60%)
- Yellow (15%)
- Blue (29%)



- Cyan (0%)
- Magenta (75%)
- Yellow (52%)
- Black (40%)





- Cyan (40%)
- Magenta (85%)
- Yellow (71%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 76.4890, 56.9840, 35.5760 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 76.4890, 56.9840, 35.5760 by changing the saturation by 10% instead.


 76.4890, 56.9840,
35.5760

 76.4890, 56.9840,
35.5760

255.0000, -0.0000,
-0.0000


 43.0040, 57.2120,
42.4600


 131.8870, 61.6150,
34.2470


 32.2380, 47.2650,
29.9930

 159.6700, 63.7240,
34.5720


 21.2010, 39.5190,
16.1830

 182.4840, 55.3800,
31.6040

 12.6720, 24.7110,
9.2150

 201.9980, 39.0130,
25.3570

 0.0000, 0.0000,
0.0000

 222.2130, 22.0500,
18.8980

 241.4990, 6.3250,

12.0290

■ 76.4890, 56.9840,
35.5760

■ 76.4890, 56.9840,
35.5760

■ 66.5440, 64.3190,
40.3110

■ 86.5480, 49.3280,
31.1520

■ 55.8980, 72.2500,
45.2580

■ 97.0800, 41.7180,
25.8940

■ 51.2190, 75.7800,
47.3640

■ 107.1390, 34.0620,
21.4700

■ 117.0840, 26.7270,
16.7350

■ 127.1430, 19.0710,
12.3110

■ 137.6750, 11.4610,
7.0530

■ 147.7340, 3.8050,
2.6290

■ 157.6790, -3.5300,
-2.1060

■ 168.3250,
-11.4610, -7.0530

Harmonies

Analogous

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



81.8470, 32.7290, 40.1290



76.4890, 56.9840, 35.5760



77.9940, 62.0310, 15.6870

Triad

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



76.4890, 56.9840, 35.5760



70.1430, -0.4060, -36.7100



73.6630, -76.5220, -0.8580

Complementary

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



76.4890, 56.9840, 35.5760



114.5110, -56.9840, -35.5760

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.



73.7480, -69.8720, -11.2480



76.4890, 56.9840, 35.5760



63.9270, -43.5960, -35.9160

Square

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



76.4890, 56.9840, 35.5760



77.1040, 30.8610, -25.1630



69.8890, -57.6280, -23.9000



67.8900, -75.4230, 6.7610

Rectangle

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



76.4890, 56.9840, 35.5760



78.3610, 58.7790, -2.4770



69.8890, -57.6280, -23.9000



74.1530, -75.1460, -3.7700

Sweetspot

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



76.4890, 56.9840, 35.5760



168.3500, 22.9220, 14.1060



74.7310, 10.1690, 52.5130



80.9850, 13.5240, 8.2120



227.0000, -0.0000, -0.0000



99.0000, -0.0000, 0.0000

Same Dimension

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



76.4890, 56.9840, 35.5760



79.9050, 88.7080, 55.3640



84.7120, 62.7650, 13.3970



71.6200, 4.1260, 2.3180



46.8760, 69.3160, 43.3640



4.3430, 6.4640, 4.0000

Inverse Universe

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



76.4890, 56.9840, 35.5760



79.9050, 88.7080, 55.3640



106.2880, -62.7650, -13.3970



71.6200, 4.1260, 2.3180



46.8760, 69.3160, 43.3640



4.3430, 6.4640, 4.0000

Previews

White Background



This preview shows how the YIQ color 76.4890, 56.9840, 35.5760 looks on a white background.

Color Contrast Check

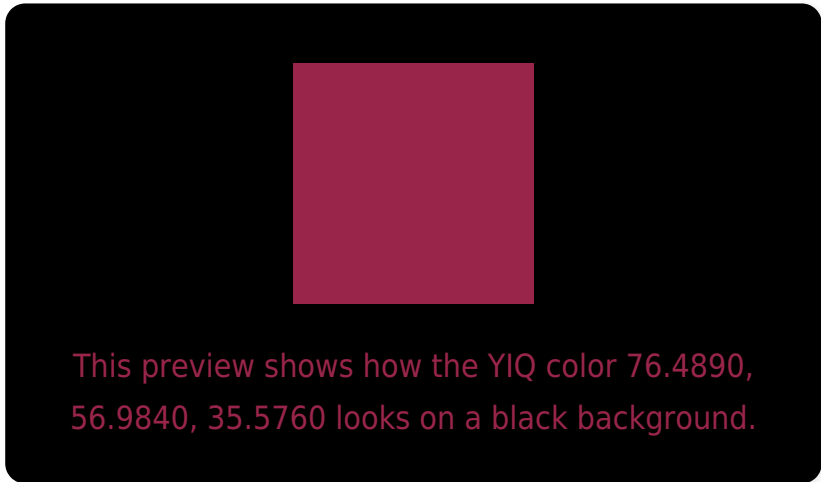
Large Text (above 18pt) WCAG AA ✓ Pass

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

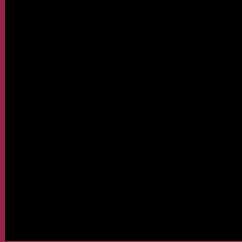
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 76.4890, 56.9840, 35.5760

Background



This preview shows how black text looks on a background with the YIQ color 76.4890, 56.9840, 35.5760.



This preview shows how white text looks on a background with the YIQ color 76.4890, 56.9840,

35.5760.

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

76.4890, 56.9840, 35.5760

Protanopia

84.9980, -5.6860, 3.9300

Deuteranopia

84.6010, 14.3050, -0.4390



Tritanopia

77.2210, 63.1300, 23.3060

Trichromacy



Original Color

76.4890, 56.9840, 35.5760

Protanomaly

81.7670, 17.3740, 15.5340

Deuteranomaly

81.4170, 29.9830, 12.7910

Tritanomaly

76.6000, 60.7450, 27.9850

Monochromacy



Original Color

76.4890, 56.9840, 35.5760

Achromatopsia

76.0000, -0.0000, -0.0000

Achromatomaly

76.0400, 20.8590, 12.9470

CSS Examples

Text

The CSS property to change the color of the text to YIQ 76.4890, 56.9840, 35.5760 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(153, 38, 74)` looks like.

```
.text, #text, p{  
    color:rgb(153, 38, 74)  
}
```

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(153, 38, 74) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 38, 74) }
```

Border

The CSS property to change the border of an element to YIQ 76.4890, 56.9840, 35.5760 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(153, 38, 74) }
```


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

```
.border{ border-color:rgb(153, 38, 74) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 38, 74)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 38, 74); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 38, 74);  
box-shadow:4px 4px 4px 4px rgb(153, 38,  
74) }
```

Background

The CSS property to change the background color of an element to YIQ 76.4890, 56.9840, 35.5760 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 38, 74) }
```

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

```
.background{ background-color: rgb(153, 38,  
74) }
```

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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