

Converting Colors

YIQ(88.9550, 76.1030, 35.9990)

Have a look what the booklet for
YIQ(88.9550, 76.1030, 35.9990)
contains.

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Color

**YIQ(88.9550, 76.1030,
35.9990)**

Conversions

Conversions Part 1

Format	Color
Hex	B82D42
RGB	184, 45, 66
RGB Percent	72%, 18%, 26%
CMY	0.2781, 0.8237, 0.7409
CMYK	0.00, 0.76, 0.64, 0.28
HSL	351°, 61%, 45%
HSV	351°, 76%, 72%
XYZ	21.7099, 12.4677, 6.4278
YIQ	88.9550, 76.1030, 35.9990

Conversions

Conversions Part 2

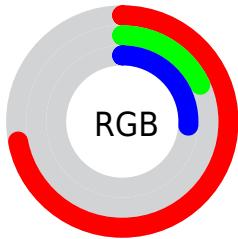
Format	Color
RYB	184, 45, 66
Decimal	12070210
CIELab	41.95, 55.85, 22.04
CIElCh	42, 60.046, 21.533
Yxy	12.4677, 0.5347, 0.3070
Android (android.graphics.Color)	4290260290 (0xFFB82D42)
YUV	88.9550, -11.3168, 83.3545
Hunter-Lab	35.3096, 47.9575, 13.9235

Details

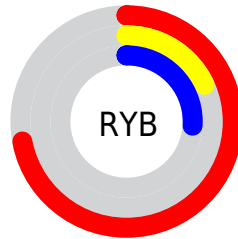
The YIQ color **88.9550, 76.1030, 35.9990** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **140.0450, -76.1030, -35.9990**, and the grayscale version is **89.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **146.4240, 81.9720, 34.2600**, and **39.8120, 66.2000, 33.7520** is the 20% darker color. If you saturate the color by 10%, you get **76.5650, 86.1890, 40.4370**, and if you desaturate by 10%, it is **101.3450, 66.0170, 31.5610**.

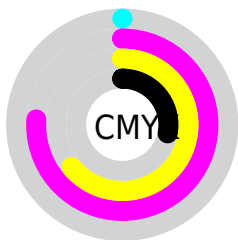
Distribution



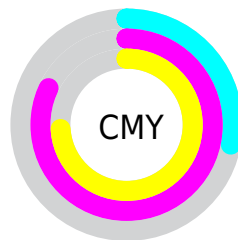
- Red (72%)
- Green (18%)
- Blue (26%)



- Red (72%)
- Yellow (18%)
- Blue (26%)



- Cyan (0%)
- Magenta (76%)
- Yellow (64%)
- Black (28%)





- Cyan (28%)
- Magenta (82%)
- Yellow (74%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 88.9550, 76.1030, 35.9990 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 88.9550, 76.1030, 35.9990 by changing the saturation by 10% instead.


 88.9550, 76.1030,
35.9990


 88.9550, 76.1030,
35.9990

255.0000, -0.0000,
-0.0000


 51.6490, 77.3850,
45.8090


 146.4240, 81.9720,
34.2600


 39.8120, 66.2000,
33.7520


 168.4010, 71.6110,
29.2990


 28.4050, 56.6200,
20.1400

 187.9150, 55.2440,
23.0520

 19.9620, 38.6940,
14.6140

 207.4290, 38.8770,
16.8050

 10.5790, 20.5390,
7.7310

 227.5300, 22.2350,
10.0350

 0.0000, 0.0000,
0.0000

 248.4460, 4.6760,

3.3640

■ 88.9550, 76.1030,
35.9990

■ 88.9550, 76.1030,
35.9990

■ 76.5650, 86.1890,
40.4370

■ 101.3450, 66.0170,
31.5610

■ 63.7020, 96.2290,
45.7090

■ 114.2080, 55.9770,
26.2890

■ 58.2080, 100.6760,
47.7160

■ 126.5980, 45.8910,
21.8510

■ 139.5750, 35.5300,
16.8900

■ 151.8510, 25.7650,
12.1410

■ 164.2410, 15.6790,
7.7030

■ 177.1040, 5.6390,
2.4310

■ 189.4940, -4.4470,
-2.0070

■ 202.4710,
-14.8080, -6.9680

Harmonies

Analogous

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



91.2850, 58.2190, 51.7470



88.9550, 76.1030, 35.9990



92.1890, 74.1830, 4.7030

Triad

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



88.9550, 76.1030, 35.9990



71.5120, -41.5300, -51.3380



86.5550, -93.5330, 4.5710

Complementary

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



88.9550, 76.1030, 35.9990



140.0450, -76.1030, -35.9990

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.



89.3300, -88.9460, -6.9780



88.9550, 76.1030, 35.9990



79.9020, -59.6430, -36.9470

Square

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



88.9550, 76.1030, 35.9990



88.5230, 21.8310, -37.7290



86.3030, -76.2890, -21.6090



94.1310, -50.5760, 24.5280

Rectangle

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



88.9550, 76.1030, 35.9990



93.2500, 63.0450, -13.7150



86.3030, -76.2890, -21.6090



88.3330, -93.0280, 0.9240

Sweetspot

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



88.9550, 76.1030, 35.9990



202.3570, 30.2120, 14.1480



95.5300, 24.5170, 67.8210



96.7360, 18.6590, 8.7630



247.0000, -0.0000, -0.0000



120.0000, -0.0000, -0.0000

Same Dimension

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



88.9550, 76.1030, 35.9990



90.9440, 119.3350, 56.4790



113.5630, 70.1940, 5.4100



85.8050, 5.0430, 2.2190



49.3800, 85.2720, 40.5360



8.8280, 15.4040, 7.1800

Inverse Universe

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



88.9550, 76.1030, 35.9990



90.9440, 119.3350, 56.4790



115.4370, -70.1940, -5.4100



85.8050, 5.0430, 2.2190



49.3800, 85.2720, 40.5360



8.8280, 15.4040, 7.1800

Previews

White Background



This preview shows how the YIQ color 88.9550, 76.1030, 35.9990 looks on a white background.

Color Contrast Check

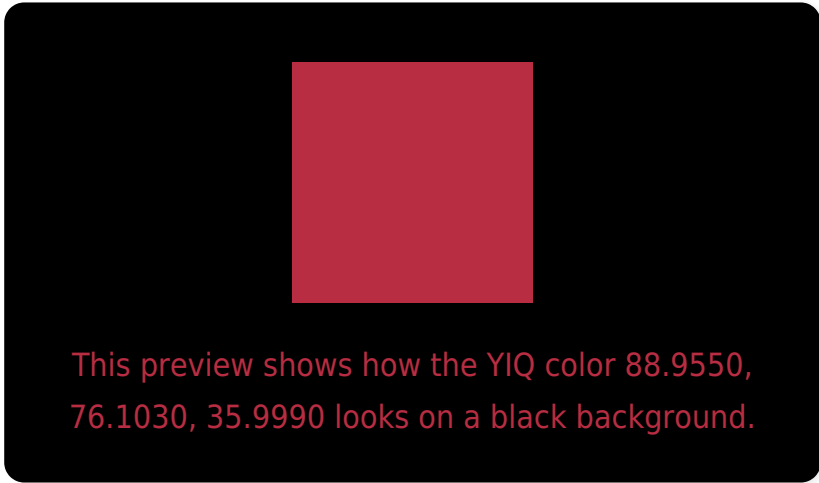
Large Text (above 18pt) WCAG AA ✓ Pass

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 88.9550, 76.1030, 35.9990

Background



This preview shows how black text looks on a background with the YIQ color 88.9550, 76.1030, 35.9990.



This preview shows how white text looks on a background with the YIQ color 88.9550, 76.1030,

35.9990.

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

88.9550, 76.1030, 35.9990

Protanopia

99.9420, 5.9150, -2.5730

Deuteranopia

98.6700, 27.0520, -5.6840



Tritanopia

88.5930, 79.8180, 29.2420

Trichromacy



Original Color

88.9550, 76.1030, 35.9990

Protanomaly

95.9610, 31.2670, 11.5470

Deuteranomaly

95.3230, 44.7470, 9.5390

Tritanomaly

88.6900, 78.1670, 31.6310

Monochromacy



Original Color

88.9550, 76.1030, 35.9990

Achromatopsia

89.0000, -0.0000, -0.0000

Achromatomaly

89.1610, 27.8280, 13.3000

CSS Examples

Text

The CSS property to change the color of the text to YIQ 88.9550, 76.1030, 35.9990 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(184, 45, 66)` looks like.

```
.text, #text, p{  
    color:rgb(184, 45, 66)  
}
```

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(184, 45, 66) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 45, 66) }
```

Border

The CSS property to change the border of an element to YIQ 88.9550, 76.1030, 35.9990 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(184, 45, 66) }
```


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

```
.border{ border-color:rgb(184, 45, 66) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 45, 66)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 45, 66); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 45, 66);  
box-shadow:4px 4px 4px 4px rgb(184, 45,  
66) }
```

Background

The CSS property to change the background color of an element to YIQ 88.9550, 76.1030, 35.9990 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 45, 66) }
```

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

```
.background{ background-color: rgb(184, 45,  
66) }
```

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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