

Converting Colors

YIQ(93.8580, 60.5590, 42.3750)

Have a look what the booklet for
YIQ(93.8580, 60.5590, 42.3750)
contains.

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Color

**YIQ(93.8580, 60.5590,
42.3750)**

Conversions

Conversions Part 1

Format	Color
Hex	B23263
RGB	178, 50, 99
RGB Percent	70%, 20%, 39%
CMY	0.3016, 0.8041, 0.6116
CMYK	0.00, 0.72, 0.44, 0.30
HSL	337°, 56%, 45%
HSV	337°, 72%, 70%
XYZ	21.7726, 12.6535, 13.1122
YIQ	93.8580, 60.5590, 42.3750

Conversions

Conversions Part 2

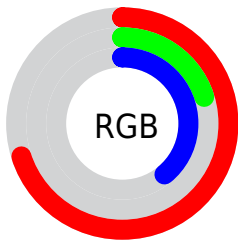
Format	Color
R_{YB}	178, 50, 99
Decimal	11678307
CIE Lab	42.24, 54.91, 1.64
CIE LCh	42, 54.939, 1.714
Yxy	12.6535, 0.4580, 0.2662
Android (android.graphics.Color)	4289868387 (0xFFB23263)
YUV	93.8580, 2.5350, 73.7925
Hunter-Lab	35.5718, 47.0047, 3.0453

Details

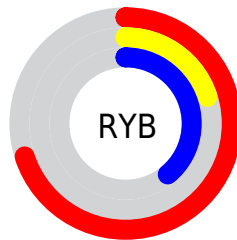
The YIQ color **93.8580, 60.5590, 42.3750** is a dark color, and the websafe version is hex **CC3366**. A complement of this color would be **134.1420, -60.5590, -42.3750**, and the grayscale version is **94.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **150.4840, 64.5480, 41.6680**, and **41.9220, 54.5070, 41.9230** is the 20% darker color. If you saturate the color by 10%, you get **82.0380, 69.0400, 48.3680**, and if you desaturate by 10%, it is **105.6780, 52.0780, 36.3820**.

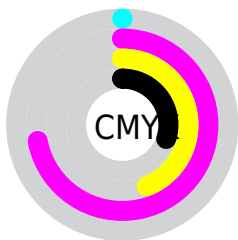
Distribution



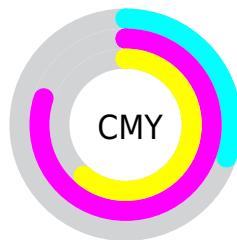
- Red (70%)
- Green (20%)
- Blue (39%)



- Red (70%)
- Yellow (20%)
- Blue (39%)



- Cyan (0%)
- Magenta (72%)
- Yellow (44%)
- Black (30%)





- Cyan (30%)
- Magenta (80%)
- Yellow (61%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 93.8580, 60.5590, 42.3750 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 93.8580, 60.5590, 42.3750 by changing the saturation by 10% instead.


 93.8580, 60.5590,
42.3750


 93.8580, 60.5590,
42.3750


255.0000, -0.0000,
-0.0000


 60.7320, 61.1540,
48.1140


 150.4840, 64.5480,
41.6680


 41.9220, 54.5070,
41.9230


 174.9670, 58.6340,
38.7140


 31.1560, 44.5600,
29.4560

 194.5950, 41.9460,
32.7780

 20.5320, 37.0890,
16.1690

 214.2230, 25.2580,
26.8420

 10.5790, 20.5390,
7.7310

 233.8680, 9.9000,
18.8280

 0.0000, 0.0000,
0.0000

 250.8910, 1.9250,

3.6610

■ 93.8580, 60.5590,
42.3750

■ 93.8580, 60.5590,
42.3750

■ 82.0380, 69.0400,
48.3680

■ 105.6780, 52.0780,
36.3820

■ 70.2180, 77.5210,
54.3610

■ 117.4980, 43.5970,
30.3890

■ 60.9740, 84.2600,
58.8840

■ 128.7310, 35.3910,
24.9190

■ 140.5510, 26.9100,
18.9260

■ 152.3710, 18.4290,
12.9330

■ 164.1910, 9.9480,
6.9400

■ 176.0110, 1.4670,
0.9470

■ 187.2440, -6.7390,
-4.5230

■ 199.0640,
-15.2200, -10.5160

Harmonies

Analogous

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



100.2150, 28.8770, 43.8610



93.8580, 60.5590, 42.3750



93.8150, 70.1450, 22.8250

Triad

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



93.8580, 60.5590, 42.3750



87.1410, 11.1030, -41.5450



87.9110, -89.0840, -4.4760

Complementary

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



93.8580, 60.5590, 42.3750



134.1420, -60.5590, -42.3750

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.



87.0840, -79.8660, -17.3540



93.8580, 60.5590, 42.3750



74.8350, -49.5090, -44.3970

Square

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



93.8580, 60.5590, 42.3750



93.3950, 43.1030, -26.7610



81.9540, -65.4210, -31.3490



82.8220, -89.9110, 5.0090

Rectangle

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



93.8580, 60.5590, 42.3750



94.9540, 67.5350, 4.0390



81.9540, -65.4210, -31.3490



88.0590, -86.7450, -8.3210

Sweetspot

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



93.8580, 60.5590, 42.3750



198.5290, 23.9760, 17.0320



88.2130, 5.9960, 56.5560



97.2240, 14.3490, 9.7810



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.



93.8580, 60.5590, 42.3750



100.5780, 94.4830, 66.3470



97.0770, 72.1630, 19.2910



83.1470, 4.0800, 3.1520



52.4730, 72.2490, 50.7850



8.9140, 12.2860, 8.6220

Inverse Universe

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



93.8580, 60.5590, 42.3750



100.5780, 94.4830, 66.3470



130.9230, -72.1630, -19.2910



83.1470, 4.0800, 3.1520



52.4730, 72.2490, 50.7850



8.9140, 12.2860, 8.6220

Previews

White Background



This preview shows how the YIQ color 93.8580, 60.5590, 42.3750 looks on a white background.

Color Contrast Check

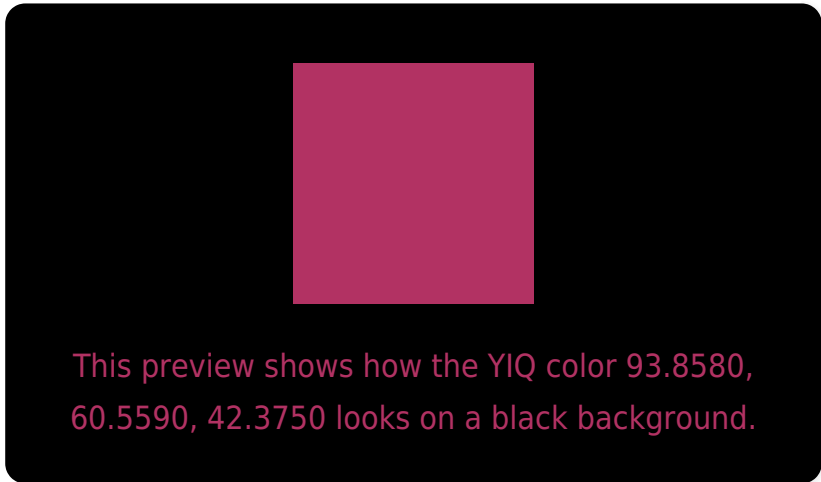
Large Text (above 18pt) WCAG AA ✓ Pass

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

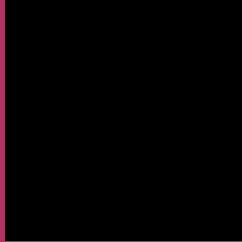
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 93.8580, 60.5590, 42.3750

Background



This preview shows how black text looks on a background with the YIQ color 93.8580, 60.5590, 42.3750.



This preview shows how white text looks on a background with the YIQ color 93.8580, 60.5590,

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

93.8580, 60.5590, 42.3750

Protanopia

101.2130, -13.4810, 7.5350

Deuteranopia

101.3280, 10.8200, 2.1480



Tritanopia

94.3250, 68.7690, 25.7370

Trichromacy



Original Color

93.8580, 60.5590, 42.3750

Protanomaly

98.6620, 13.4760, 20.1000

Deuteranomaly

98.7530, 29.1570, 16.7490

Tritanomaly

94.3450, 66.0170, 31.5610

Monochromacy



Original Color

93.8580, 60.5590, 42.3750

Achromatopsia

94.0000, 0.0000, 0.0000

Achromatomaly

94.1050, 22.2340, 15.5620

CSS Examples

Text

The CSS property to change the color of the text to YIQ 93.8580, 60.5590, 42.3750 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(178, 50, 99)` looks like.

```
.text, #text, p{  
    color:rgb(178, 50, 99)  
}
```

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(178, 50, 99) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 50, 99) }
```

Border

The CSS property to change the border of an element to YIQ 93.8580, 60.5590, 42.3750 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(178, 50, 99) }
```


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

```
.border{ border-color:rgb(178, 50, 99) }
```

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

Here you see how a box with a 4 pixel rgb(178, 50, 99) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 50, 99); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 50, 99);  
box-shadow:4px 4px 4px 4px rgb(178, 50,  
99) }
```

Background

The CSS property to change the background color of an element to YIQ 93.8580, 60.5590, 42.3750 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 50, 99) }
```

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

```
.background{ background-color: rgb(178, 50,  
99) }
```

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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