

Converting Colors

YIQ(93.3300, 62.3460, 48.5380)

Have a look what the booklet for
YIQ(93.3300, 62.3460, 48.5380)
contains.

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Color

**YIQ(93.3300, 62.3460,
48.5380)**

Conversions

Conversions Part 1

Format	Color
Hex	B72D6B
RGB	183, 45, 107
RGB Percent	72%, 18%, 42%
CMY	0.2820, 0.8237, 0.5802
CMYK	0.00, 0.75, 0.42, 0.28
HSL	333°, 61%, 45%
HSV	333°, 75%, 72%
XYZ	23.1434, 13.0137, 15.2161
YIQ	93.3300, 62.3460, 48.5380

Conversions

Conversions Part 2

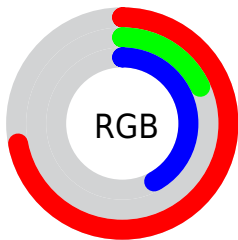
Format	Color
R_{YB}	183, 45, 107
Decimal	12004715
CIE Lab	42.78, 58.85, -2.44
CIE LCh	43, 58.895, 357.630
Yxy	13.0137, 0.4505, 0.2533
Android (android.graphics.Color)	4290194795 (0xFFB72D6B)
YUV	93.3300, 6.7393, 78.6406
Hunter-Lab	36.0745, 51.3851, 0.2440

Details

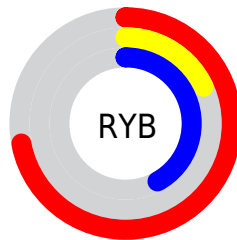
The YIQ color **93.3300, 62.3460, 48.5380** is a dark color, and the websafe version is hex **CC3366**. A complement of this color would be **134.6700, -62.3460, -48.5380**, and the grayscale version is **93.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **151.1300, 65.7850, 46.7850**, and **44.2150, 55.2400, 45.1600** is the 20% darker color. If you saturate the color by 10%, you get **81.6240, 70.5060, 54.8420**, and if you desaturate by 10%, it is **105.0360, 54.1860, 42.2340**.

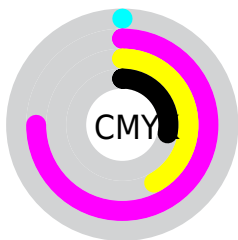
Distribution



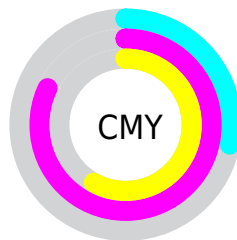
- Red (72%)
- Green (18%)
- Blue (42%)



- Red (72%)
- Yellow (18%)
- Blue (42%)



- Cyan (0%)
- Magenta (75%)
- Yellow (42%)
- Black (28%)





- Cyan (28%)
- Magenta (82%)
- Yellow (58%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 93.3300, 62.3460, 48.5380 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 93.3300, 62.3460, 48.5380 by changing the saturation by 10% instead.


 93.3300, 62.3460,
48.5380


 93.3300, 62.3460,
48.5380


255.0000, -0.0000,
-0.0000


 55.5080, 65.1410,
58.4610


 151.1300, 65.7850,
46.7850


 44.2150, 55.2400,
45.1600


 174.2320, 56.5700,
43.0820


 33.0360, 45.0180,
32.1700

 193.8600, 39.8820,
37.1460

 22.6830, 35.3460,
20.2260

 214.0750, 22.9190,
30.6870

 12.3730, 24.1150,
9.0030

 232.6940, 10.4500,
19.8740

 0.0000, 0.0000,
0.0000

 249.7170, 2.4750,

4.7070

■ 93.3300, 62.3460,
48.5380

■ 93.3300, 62.3460,
48.5380

■ 81.6240, 70.5060,
54.8420

■ 105.0360, 54.1860,
42.2340

■ 69.3310, 78.9410,
61.6690

■ 117.3290, 45.7510,
35.4070

■ 64.0650, 82.7460,
64.2980

■ 129.0350, 37.5910,
29.1030

■ 140.7410, 29.4310,
22.7990

■ 152.4470, 21.2710,
16.4950

■ 164.8540, 12.5150,
9.9790

■ 176.5600, 4.3550,
3.6750

■ 188.2660, -3.8050,
-2.6290

■ 200.5590,
-12.2400, -9.4560

Harmonies

Analogous

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



102.0560, 25.0710, 46.7590



93.3300, 62.3460, 48.5380



92.5540, 75.5540, 29.4260

Triad

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



93.3300, 62.3460, 48.5380



88.4790, 15.9630, -41.5170



90.7150, -91.4680, -5.3240

Complementary

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



93.3300, 62.3460, 48.5380



134.6700, -62.3460, -48.5380

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.



88.1440, -80.0950, -18.7110



93.3300, 62.3460, 48.5380



74.9830, -47.1700, -48.2420

Square

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



93.3300, 62.3460, 48.5380



95.2000, 48.1460, -24.5420



82.5580, -64.3660, -33.9500



86.0820, -93.5790, 5.4050

Rectangle

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



93.3300, 62.3460, 48.5380



94.9380, 73.6320, 9.1840



82.5580, -64.3660, -33.9500



90.0480, -88.2120, -9.2680

Sweetspot

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



93.3300, 62.3460, 48.5380



201.8820, 24.4800, 18.9120



83.4560, 0.9980, 59.0300



97.8760, 15.4490, 11.8730



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.



93.3300, 62.3460, 48.5380



96.6420, 97.5990, 75.9590



90.3710, 80.3230, 25.5950



86.1470, 4.0800, 3.1520



54.6240, 70.5060, 54.8420



9.8540, 12.5150, 9.9790

Inverse Universe

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



93.3300, 62.3460, 48.5380



96.6420, 97.5990, 75.9590



137.6290, -80.3230, -25.5950



86.1470, 4.0800, 3.1520



54.6240, 70.5060, 54.8420



9.8540, 12.5150, 9.9790

Previews

White Background



This preview shows how the YIQ color 93.3300, 62.3460, 48.5380 looks on a white background.

Color Contrast Check

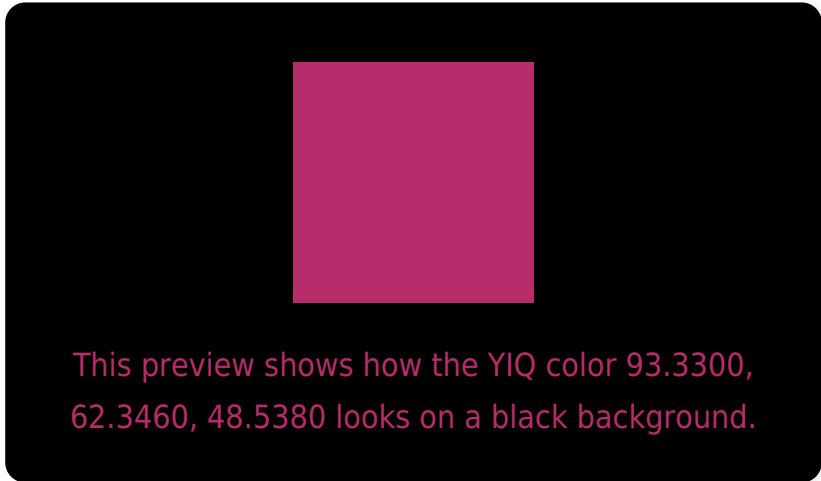
Large Text (above 18pt) WCAG AA ✓ Pass

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

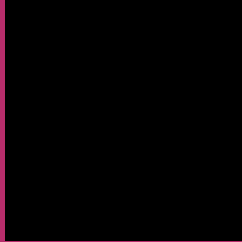
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 93.3300, 62.3460, 48.5380

Background



This preview shows how black text looks on a background with the YIQ color 93.3300, 62.3460, 48.5380.



This preview shows how white text looks on a background with the YIQ color 93.3300, 62.3460,

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

93.3300, 62.3460, 48.5380

Protanopia

102.3850, -19.7170, 10.4190

Deuteranopia

103.0010, 7.4270, 3.0670



Tritanopia

94.8200, 71.7490, 26.7970

Trichromacy



Original Color

93.3300, 62.3460, 48.5380

Protanomaly

99.3290, 10.2200, 24.0440

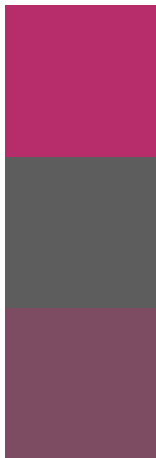
Deuteranomaly

99.3770, 27.4600, 19.9720

Tritanomaly

94.1220, 68.2630, 34.9110

Monochromacy



Original Color

93.3300, 62.3460, 48.5380

Achromatopsia

93.0000, -0.0000, -0.0000

Achromatomaly

93.4580, 22.7380, 17.4420

CSS Examples

Text

The CSS property to change the color of the text to YIQ 93.3300, 62.3460, 48.5380 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(183, 45, 107)` looks like.

```
.text, #text, p{  
    color:rgb(183, 45, 107)  
}
```

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(183, 45, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 45, 107) }
```

Border

The CSS property to change the border of an element to YIQ 93.3300, 62.3460, 48.5380 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(183, 45, 107) }
```


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

```
.border{ border-color:rgb(183, 45, 107) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 45, 107)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 45, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 45, 107);  
box-shadow:4px 4px 4px 4px rgb(183, 45,  
107) }
```

Background

The CSS property to change the background color of an element to YIQ 93.3300, 62.3460, 48.5380 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 45, 107) }
```

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

```
.background{ background-color: rgb(183, 45,  
107) }
```

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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