

Converting Colors

YIQ(89.2300, 23.3800, 16.8200)

Have a look what the booklet for
YIQ(89.2300, 23.3800, 16.8200)
contains.

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Color

**YIQ(89.2300, 23.3800,
16.8200)**

Conversions

Conversions Part 1

Format	Color
Hex	7A485C
RGB	122, 72, 92
RGB Percent	48%, 28%, 36%
CMY	0.5214, 0.7177, 0.6391
CMYK	0.00, 0.41, 0.25, 0.52
HSL	336°, 26%, 38%
HSV	336°, 41%, 48%
XYZ	12.2794, 9.5451, 11.3249
YIQ	89.2300, 23.3800, 16.8200

Conversions

Conversions Part 2

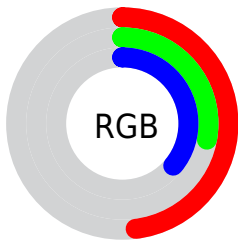
Format	Color
R_{YB}	122, 72, 92
Decimal	8013916
CIE _{Lab}	37.01, 24.26, -2.65
CIE _{LCh}	37, 24.404, 353.756
Yxy	9.5451, 0.3704, 0.2879
Android (android.graphics.Color)	4286203996 (0xFF7A485C)
YUV	89.2300, 1.3656, 28.7393
Hunter-Lab	30.8951, 16.8792, -0.1068

Details

The YIQ color **89.2300, 23.3800, 16.8200** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **104.7700, -23.3800, -16.8200**, and the grayscale version is **89.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **139.8390, 26.0390, 18.1910**, and **42.0340, 20.9960, 15.9720** is the 20% darker color. If you saturate the color by 10%, you get **81.3880, 28.9270, 20.9190**, and if you desaturate by 10%, it is **97.0720, 17.8330, 12.7210**.

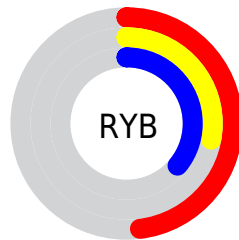
Distribution



Red (48%)

Green (28%)

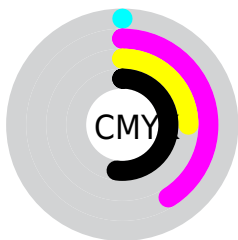
Blue (36%)



Red (48%)

Yellow (28%)

Blue (36%)

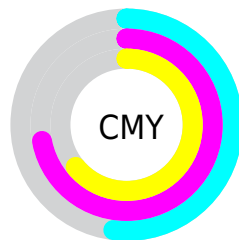


Cyan (0%)

Magenta (41%)

Yellow (25%)

Black (52%)



Cyan (52%)

Magenta (72%)

Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 89.2300, 23.3800, 16.8200 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 89.2300, 23.3800, 16.8200 by changing the saturation by 10% instead.

89.2300, 23.3800,
16.8200

89.2300, 23.3800,
16.8200

255.0000, -0.0000,
-0.0000

65.3330, 21.5920,
16.1840

139.8390, 26.0390,
18.1910

42.0340, 20.9960,
15.9720

167.1380, 26.6350,
18.4030

19.6640, 19.1620,
16.1700

193.8500, 27.5060,
19.1380

7.2900, 13.9830,
5.3990

220.3550, 24.5260,
18.0780

0.0000, 0.0000,
0.0000

239.9830, 7.8380,
12.1420

89.2300, 23.3800,
16.8200

89.2300, 23.3800,
16.8200

81.3880, 28.9270,
20.9190

97.0720, 17.8330,
12.7210

73.4320, 34.7950,
24.7070

105.0280, 11.9650,
8.9330

65.0030, 40.6170,
29.3290

113.4570, 6.1430,
4.3110

57.1610, 46.1640,
33.4280

121.2990, 0.5960,
0.2120

49.2050, 52.0320,
37.2160

129.2550, -5.2720,
-3.5760


42.0640, 56.9830,
41.1030

137.0970,
-10.8190, -7.6750

144.9390,
-16.3660, -11.7740

153.4820,

-22.5090, -16.0850

 161.3240,
-28.0560, -20.1840

Harmonies

Analogous

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



89.5580, 7.8370, 17.6690



89.2300, 23.3800, 16.8200



88.4340, 31.3130, 10.7130

Triad

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



89.2300, 23.3800, 16.8200



84.2330, 8.9890, -14.2350



71.3100, -59.8310, -11.5030

Complementary

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



89.2300, 23.3800, 16.8200



104.7700, -23.3800, -16.8200

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.



68.5670, -59.4170, -19.0090



89.2300, 23.3800, 16.8200



81.1860, -9.9920, -17.1600

Square

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



89.2300, 23.3800, 16.8200



86.4630, 23.2010, -7.4790



76.4530, -32.7330, -18.0210



82.1440, -35.3960, 2.7160

Rectangle

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



89.2300, 23.3800, 16.8200



87.7450, 31.6350, 4.8750



76.4530, -32.7330, -18.0210



69.3480, -62.9940, -14.7540

Sweetspot

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



89.2300, 23.3800, 16.8200



145.5930, 8.7560, 6.5160



86.3710, 1.2340, 21.6980



71.7450, 5.2720, 3.5760



207.0000, 0.0000, -0.0000



79.0000, -0.0000, 0.0000

Same Dimension

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



89.2300, 23.3800, 16.8200



107.5570, 35.9410, 25.9650



89.2980, 28.7000, 8.5080



57.1360, 2.6130, 2.2050



43.0750, 58.4500, 42.0500



86.8620, 117.7710, 84.8350

Inverse Universe

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



89.2300, 23.3800, 16.8200



107.5570, 35.9410, 25.9650



104.7020, -28.7000, -8.5080



57.1360, 2.6130, 2.2050



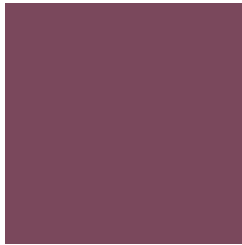
43.0750, 58.4500, 42.0500



86.8620, 117.7710, 84.8350

Previews

White Background



This preview shows how the YIQ color 89.2300, 23.3800, 16.8200 looks on a white background.

Color Contrast Check

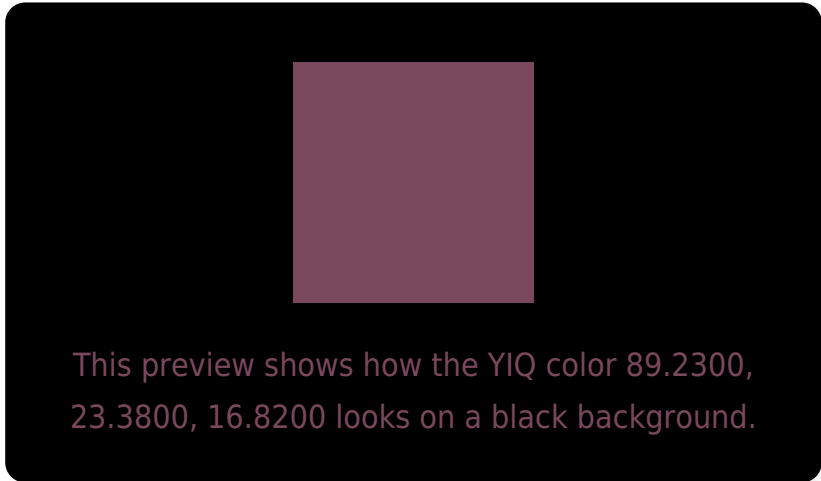
Large Text (above 18pt) WCAG AA ✓ Pass

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

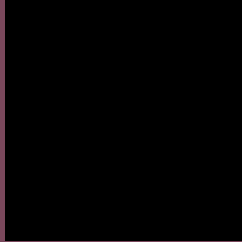
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 89.2300, 23.3800, 16.8200

Background



This preview shows how black text looks on a background with the YIQ color 89.2300, 23.3800, 16.8200.

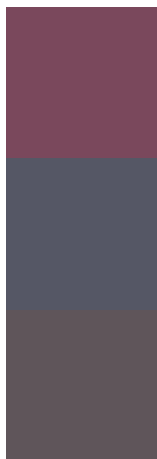


This preview shows how white text looks on a background with the YIQ color 89.2300, 23.3800,

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

89.2300, 23.3800, 16.8200

Protanopia

87.9980, -5.6860, 3.9300

Deuteranopia

88.5600, 4.3550, 3.6750



Tritanopia

88.7370, 26.0860, 11.8300

Trichromacy



Original Color

89.2300, 23.3800, 16.8200

Protanomaly

88.6080, 4.4000, 8.3680

Deuteranomaly

88.7290, 11.3690, 8.7210

Tritanomaly

88.6060, 25.0770, 13.5970

Monochromacy



Original Color

89.2300, 23.3800, 16.8200

Achromatopsia

89.0000, -0.0000, -0.0000

Achromatomaly

89.1800, 8.4810, 5.9930

CSS Examples

Text

The CSS property to change the color of the text to YIQ 89.2300, 23.3800, 16.8200 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(122, 72, 92)` looks like.

```
.text, #text, p{  
    color:rgb(122, 72, 92)  
}
```

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(122, 72, 92) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 72, 92) }
```

Border

The CSS property to change the border of an element to YIQ 89.2300, 23.3800, 16.8200 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(122, 72, 92) }
```


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

```
.border{ border-color:rgb(122, 72, 92) }
```

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

Here you see how a box with a 4 pixel rgb(122, 72, 92) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 72, 92); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 72, 92);  
box-shadow:4px 4px 4px 4px rgb(122, 72,  
92) }
```

Background

The CSS property to change the background color of an element to YIQ 89.2300, 23.3800, 16.8200 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 72, 92) }
```

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

```
.background{ background-color: rgb(122, 72,  
92) }
```

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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