

Converting Colors

YIQ(89.8480, 21.8200, 23.0680)

Have a look what the booklet for
YIQ(89.8480, 21.8200, 23.0680)
contains.

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Color

**YIQ(89.8480, 21.8200,
23.0680)**

Conversions

Conversions Part 1

Format	Color
Hex	7D4569
RGB	125, 69, 105
RGB Percent	49%, 27%, 41%
CMY	0.5096, 0.7295, 0.5882
CMYK	0.00, 0.45, 0.16, 0.51
HSL	321°, 29%, 38%
HSV	321°, 45%, 49%
XYZ	13.1405, 9.6366, 14.5361
YIQ	89.8480, 21.8200, 23.0680

Conversions

Conversions Part 2

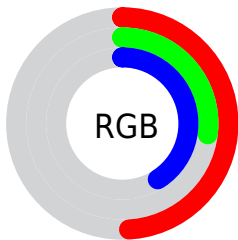
Format	Color
R_{YB}	125, 69, 105
Decimal	8209769
CIE _{Lab}	37.18, 29.31, -10.52
CIE _{LCh}	37, 31.139, 340.246
Yxy	9.6366, 0.3522, 0.2583
Android (android.graphics.Color)	4286399849 (0xFF7D4569)
YUV	89.8480, 7.4699, 30.8283
Hunter-Lab	31.0428, 21.2346, -6.0332

Details

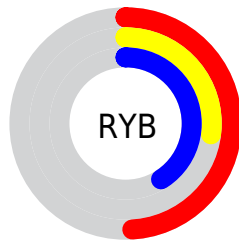
The YIQ color **89.8480, 21.8200, 23.0680** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **104.1520, -21.8200, -23.0680**, and the grayscale version is **90.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **141.1580, 23.8830, 24.2270**, and **41.6520, 19.4360, 22.2200** is the 20% darker color. If you saturate the color by 10%, you get **81.7610, 26.6790, 28.6230**, and if you desaturate by 10%, it is **97.3480, 17.2360, 18.0360**.

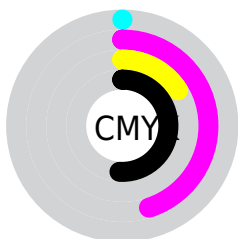
Distribution



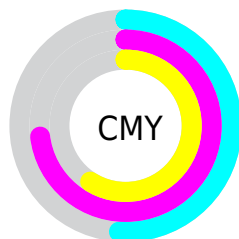
- Red (49%)
- Green (27%)
- Blue (41%)



- Red (49%)
- Yellow (27%)
- Blue (41%)



- Cyan (0%)
- Magenta (45%)
- Yellow (16%)
- Black (51%)



- Cyan (51%)
- Magenta (73%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 89.8480, 21.8200, 23.0680 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 89.8480, 21.8200, 23.0680 by changing the saturation by 10% instead.

■ 89.8480, 21.8200,
23.0680

■ 89.8480, 21.8200,
23.0680

■ 255.0000, -0.0000,
-0.0000

■ 65.2500, 20.6280,
22.6440

■ 141.1580, 23.8830,
24.2270

■ 41.6520, 19.4360,
22.2200

■ 167.8700, 24.7540,
24.9620

■ 19.0540, 18.2440,
21.7960

■ 195.5820, 25.6250,
25.6970

■ 9.9680, 12.1940,
10.2900

■ 220.3040, 20.5360,
24.3120

■ 0.0000, 0.0000,
0.0000

■ 239.1510, 7.4250,
14.1210

■ 89.8480, 21.8200,
23.0680

■ 89.8480, 21.8200,
23.0680

■ 81.7610, 26.6790,
28.6230

■ 97.3480, 17.2360,
18.0360

■ 74.1470, 31.5840,
33.3440

■ 105.5490, 12.0560,
12.7920

■ 66.0600, 36.4430,
38.8990

■ 113.0490, 7.4720,
7.7600

■ 58.4460, 41.3480,
43.6200

■ 121.2500, 2.2920,
2.5160

■ 50.3590, 46.2070,
49.1750

■ 128.7500, -2.2920,
-2.5160


■ 46.4950, 48.8200,
51.3800

■ 136.9510, -7.4720,
-7.7600

■ 145.0380,
-12.3310, -13.3150

■ 152.6520,

-17.2360, -18.0360

 160.7390,
-22.0950, -23.5910

Harmonies

Analogous

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



90.3490, -1.7000, 19.8040



89.8480, 21.8200, 23.0680



88.2270, 36.6300, 18.9820

Triad

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



89.8480, 21.8200, 23.0680



84.4530, 19.9930, -15.4230



71.6790, -65.4240, -14.7680

Complementary

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



89.8480, 21.8200, 23.0680



104.1520, -21.8200, -23.0680

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.



69.6440, -58.3160, -22.4440



89.8480, 21.8200, 23.0680



81.2700, -1.6010, -20.5530

Square

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



89.8480, 21.8200, 23.0680



86.2040, 34.2960, -4.8080



74.7640, -32.4110, -23.8590



71.0410, -69.1390, -8.0110

Rectangle

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



89.8480, 21.8200, 23.0680



87.5660, 39.7490, 12.0130



74.7640, -32.4110, -23.8590



71.4680, -63.4520, -17.4680

Sweetspot

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



89.8480, 21.8200, 23.0680



149.8750, 8.0220, 8.8060



81.3640, -6.0560, 21.6560



73.7990, 5.1800, 5.2440



209.0000, 0.0000, 0.0000



82.0000, 0.0000, -0.0000

Same Dimension

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



89.8480, 21.8200, 23.0680



107.8100, 34.1510, 36.3830



86.6560, 30.8080, 14.3600



59.5490, 2.8880, 2.7280



47.6200, 49.9660, 52.6380



0.0000, 0.0000, 0.0000

Inverse Universe

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



89.8480, 21.8200, 23.0680



107.8100, 34.1510, 36.3830



107.3440, -30.8080, -14.3600



59.5490, 2.8880, 2.7280



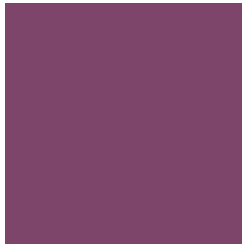
47.6200, 49.9660, 52.6380



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YIQ color 89.8480, 21.8200, 23.0680 looks on a white background.

Color Contrast Check

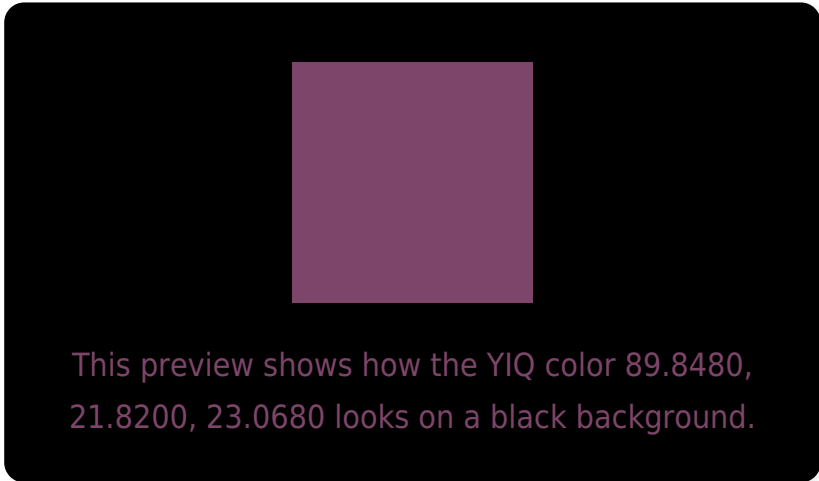
Large Text (above 18pt) WCAG AA ✓ Pass

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

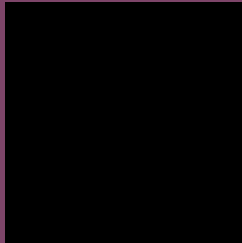
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 89.8480, 21.8200, 23.0680

Background



This preview shows how black text looks on a background with the YIQ color 89.8480, 21.8200, 23.0680.



This preview shows how white text looks on a background with the YIQ color 89.8480, 21.8200,

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

89.8480, 21.8200, 23.0680

Protanopia

88.1420, -14.7190, 7.9450

Deuteranopia

89.0200, -2.7520, 5.8240



Tritanopia

89.0360, 26.6820, 12.0420

Trichromacy



Original Color

89.8480, 21.8200, 23.0680

Protanomaly

88.5460, -1.0570, 13.6550

Deuteranomaly

89.4990, 6.3250, 12.0290

Tritanomaly

89.1870, 24.9390, 16.0990

Monochromacy



Original Color

89.8480, 21.8200, 23.0680

Achromatopsia

90.0000, -0.0000, -0.0000

Achromatomaly

89.7610, 8.3430, 8.4950

CSS Examples

Text

The CSS property to change the color of the text to YIQ 89.8480, 21.8200, 23.0680 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(125, 69, 105)` looks like.

```
.text, #text, p{  
    color:rgb(125, 69, 105)  
}
```

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(125, 69, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 69, 105) }
```

Border

The CSS property to change the border of an element to YIQ 89.8480, 21.8200, 23.0680 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(125, 69, 105) }
```


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

```
.border{ border-color:rgb(125, 69, 105) }
```

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

Here you see how a box with a 4 pixel rgb(125, 69, 105) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 69, 105); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 69, 105);  
box-shadow:4px 4px 4px 4px rgb(125, 69,  
105) }
```

Background

The CSS property to change the background color of an element to YIQ 89.8480, 21.8200, 23.0680 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 69, 105) }
```

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

```
.background{ background-color: rgb(125, 69,  
105) }
```

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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