

Converting Colors

YIQ(81.8050, 23.3790, 22.3470)

Have a look what the booklet for
YIQ(81.8050, 23.3790, 22.3470)
contains.

| | |
|--|----|
| YIQ(81.8050, 23.3790, 22.3470) | 3 |
| <i>Conversions</i> | 4 |
| <i>Details</i> | 6 |
| <i>Harmonies</i> | 12 |
| <i>Previews</i> | 24 |
| <i>Color Blindness Simulation</i> | 28 |
| <i>CSS Examples</i> | 31 |

Color

**YIQ(81.8050, 23.3790,
22.3470)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | 763D5E |
| RGB | 118, 61, 94 |
| RGB Percent | 46%, 24%, 37% |
| CMY | 0.5371, 0.7609, 0.6313 |
| CMYK | 0.00, 0.48, 0.20, 0.54 |
| HSL | 325°, 32%, 35% |
| HSV | 325°, 48%, 46% |
| XYZ | 11.1652, 7.9977, 11.5490 |
| YIQ | 81.8050, 23.3790, 22.3470 |

Conversions

Conversions Part 2

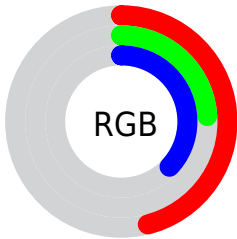
| Format | Color |
|-------------------------------------|------------------------------|
| R_{YB} | 118, 61, 94 |
| Decimal | 7748958 |
| CIE _{Lab} | 33.98, 29.45, -8.50 |
| CIE _{LCh} | 34, 30.656, 343.896 |
| Yxy | 7.9977, 0.3635, 0.2604 |
| Android (android.graphics.Color) | 4285939038 (0xFF763D5E) |
| YUV | 81.8050, 6.0121, 31.7430 |
| Hunter-Lab | 28.2803, 20.9825, -4.4164 |

Details

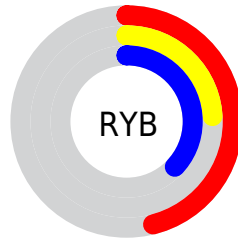
The YIQ color **81.8050, 23.3790, 22.3470** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **97.1950, -23.3790, -22.3470**, and the grayscale version is **82.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **132.4140, 26.0380, 23.7180**, and **33.4350, 21.5450, 22.5450** is the 20% darker color. If you saturate the color by 10%, you get **74.1910, 28.2840, 27.0680**, and if you desaturate by 10%, it is **89.4190, 18.4740, 17.6260**.

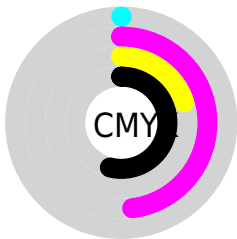
Distribution



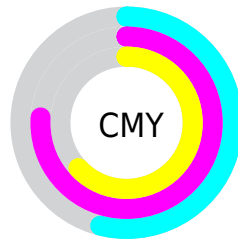
- Red (46%)
- Green (24%)
- Blue (37%)



- Red (46%)
- Yellow (24%)
- Blue (37%)



- Cyan (0%)
- Magenta (48%)
- Yellow (20%)
- Black (54%)



- Cyan (54%)
- Magenta (76%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 81.8050, 23.3790, 22.3470 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 81.8050, 23.3790, 22.3470 by changing the saturation by 10% instead.

81.8050, 23.3790,
22.3470

81.8050, 23.3790,
22.3470

255.0000, -0.0000,
-0.0000

57.2070, 22.1870,
21.9230

132.4140, 26.0380,
23.7180

33.4350, 21.5450,
22.5450

158.8270, 26.3130,
24.2410

16.5330, 18.1530,
17.9370

186.4250, 27.5050,
24.6650

2.6910, 5.3640,
1.9080

213.5390, 27.1840,
24.9760

0.0000, 0.0000,
0.0000

233.2810, 10.1750,
19.3510

250.3040, 2.2000,

4.1840

■ 81.8050, 23.3790,
22.3470

■ 81.8050, 23.3790,
22.3470

■ 74.1910, 28.2840,
27.0680

■ 89.4190, 18.4740,
17.6260

■ 66.5770, 33.1890,
31.7890

■ 97.0330, 13.5690,
12.9050

■ 59.5500, 37.8190,
35.9870

■ 104.0600, 8.9390,
8.7070

■ 51.9360, 42.7240,
40.7080

■ 111.6740, 4.0340,
3.9860

■ 44.3220, 47.6290,
45.4290

■ 119.2880, -0.8710,
-0.7350

■ 43.0340, 48.5000,
46.1640

■ 126.9020, -5.7760,
-5.4560

■ 134.5160,
-10.6810, -10.1770

■ 141.5430,
-15.3110, -14.3750

■ 149.1570,
-20.2160, -19.0960

Harmonies

Analogous

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



82.3170, 1.3260, 20.0300



81.8050, 23.3790, 22.3470



80.1730, 36.7220, 17.3140

Triad

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



81.8050, 23.3790, 22.3470



76.3710, 17.2880, -15.9600



66.2990, -61.2980, -12.4500

Complementary

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



81.8050, 23.3790, 22.3470



97.1950, -23.3790, -22.3470

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.



64.3780, -54.5110, -19.8150



81.8050, 23.3790, 22.3470



73.3020, -4.6270, -20.7790

Square

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



81.8050, 23.3790, 22.3470



78.4810, 31.9580, -6.4900



64.5290, -39.0590, -24.5230



64.8460, -64.0960, -5.7920

Rectangle

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



81.8050, 23.3790, 22.3470



79.3270, 38.9240, 10.4440



64.5290, -39.0590, -24.5230



65.5010, -59.0510, -14.6270

Sweetspot

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



81.8050, 23.3790, 22.3470



138.3590, 9.5350, 8.9190



74.6740, -3.9930, 22.8150



68.0980, 5.7760, 5.4560



204.0000, -0.0000, -0.0000



77.0000, -0.0000, -0.0000

Same Dimension

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



81.8050, 23.3790, 22.3470



96.5390, 36.3520, 35.0400



78.6130, 32.3670, 13.6390



55.1360, 2.6130, 2.2050



44.5720, 49.9210, 47.9450



91.2800, 102.4550, 98.0950

Inverse Universe

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



81.8050, 23.3790, 22.3470



96.5390, 36.3520, 35.0400



100.3870, -32.3670, -13.6390



55.1360, 2.6130, 2.2050



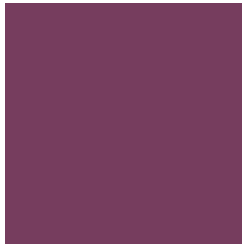
44.5720, 49.9210, 47.9450



91.2800, 102.4550, 98.0950

Previews

White Background



This preview shows how the YIQ color 81.8050, 23.3790, 22.3470 looks on a white background.

Color Contrast Check

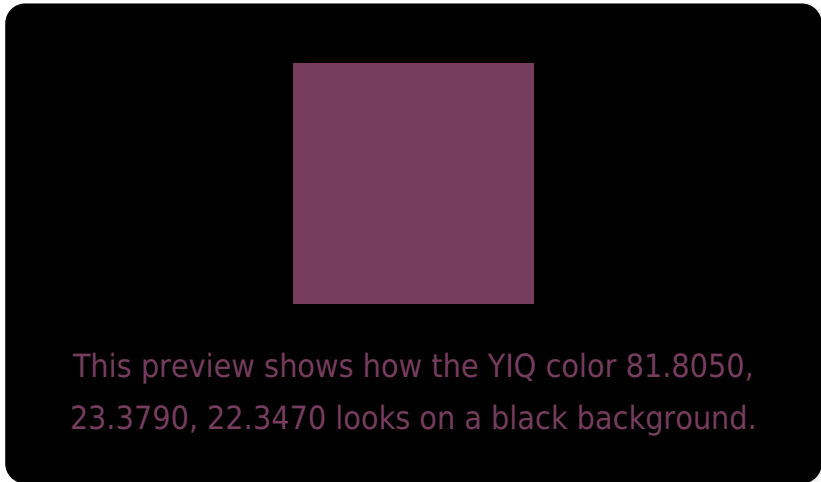
Large Text (above 18pt) WCAG AA ✓ Pass

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

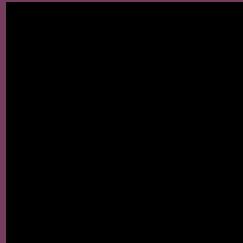
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 81.8050, 23.3790, 22.3470

Background



This preview shows how black text looks on a background with the YIQ color 81.8050, 23.3790, 22.3470.



This preview shows how white text looks on a background with the YIQ color 81.8050, 23.3790,

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

81.8050, 23.3790, 22.3470

Protanopia

80.9850, -12.8390, 6.9130

Deuteranopia

80.9770, -1.1930, 5.1030



Tritanopia

81.5200, 28.1950, 12.1550

Trichromacy



Original Color

81.8050, 23.3790, 22.3470

Protanomaly

81.0900, 0.2270, 12.4110

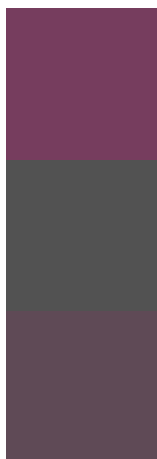
Deuteranomaly

81.4560, 7.8840, 11.3080

Tritanomaly

81.5570, 26.7730, 15.9010

Monochromacy



Original Color

81.8050, 23.3790, 22.3470

Achromatopsia

82.0000, 0.0000, -0.0000

Achromatomaly

81.6470, 8.6640, 8.1840

CSS Examples

Text

The CSS property to change the color of the text to YIQ 81.8050, 23.3790, 22.3470 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(118, 61, 94)` looks like.

```
.text, #text, p{  
    color:rgb(118, 61, 94)  
}
```

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(118, 61, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(118, 61, 94) }
```

Border

The CSS property to change the border of an element to YIQ 81.8050, 23.3790, 22.3470 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(118, 61, 94) }
```


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

```
.border{ border-color:rgb(118, 61, 94) }
```

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

Here you see how a box with a 4 pixel rgb(118, 61, 94) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(118, 61, 94); -webkit-box-  
shadow:4px 4px 4px 4px rgb(118, 61, 94);  
box-shadow:4px 4px 4px 4px rgb(118, 61,  
94) }
```

Background

The CSS property to change the background color of an element to YIQ 81.8050, 23.3790, 22.3470 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(118, 61, 94) }
```

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

```
.background{ background-color: rgb(118, 61,  
94) }
```

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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