

Converting Colors

YIQ(84.2780, 23.4250, 21.5130)

Have a look what the booklet for
YIQ(84.2780, 23.4250, 21.5130)
contains.

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Color

**YIQ(84.2780, 23.4250,
21.5130)**

Conversions

Conversions Part 1

Format	Color
Hex	78405F
RGB	120, 64, 95
RGB Percent	47%, 25%, 37%
CMY	0.5293, 0.7491, 0.6274
CMYK	0.00, 0.47, 0.21, 0.53
HSL	327°, 30%, 36%
HSV	327°, 47%, 47%
XYZ	11.6496, 8.4865, 11.8547
YIQ	84.2780, 23.4250, 21.5130

Conversions

Conversions Part 2

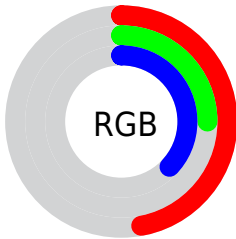
Format	Color
R_{YB}	120, 64, 95
Decimal	7880799
CIE _{Lab}	34.98, 28.64, -7.61
CIE _{LCh}	35, 29.635, 345.119
Yxy	8.4865, 0.3642, 0.2653
Android (android.graphics.Color)	4286070879 (0xFF78405F)
YUV	84.2780, 5.2859, 31.3282
Hunter-Lab	29.1317, 20.4005, -3.7351

Details

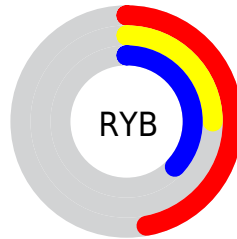
The YIQ color **84.2780, 23.4250, 21.5130** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **99.7220, -23.4250, -21.5130**, and the grayscale version is **84.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **134.8870, 26.0840, 22.8840**, and **36.1960, 20.7200, 20.9760** is the 20% darker color. If you saturate the color by 10%, you get **76.6640, 28.3300, 26.2340**, and if you desaturate by 10%, it is **91.8920, 18.5200, 16.7920**.

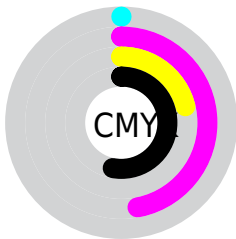
Distribution



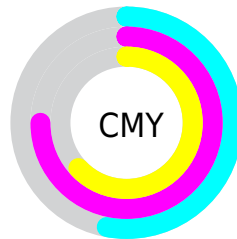
- Red (47%)
- Green (25%)
- Blue (37%)



- Red (47%)
- Yellow (25%)
- Blue (37%)



- Cyan (0%)
- Magenta (47%)
- Yellow (21%)
- Black (53%)



- Cyan (53%)
- Magenta (75%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 84.2780, 23.4250, 21.5130 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 84.2780, 23.4250, 21.5130 by changing the saturation by 10% instead.

■ 84.2780, 23.4250,
21.5130

■ 84.2780, 23.4250,
21.5130

■ 255.0000, -0.0000,
-0.0000

■ 59.6800, 22.2330,
21.0890

■ 134.8870, 26.0840,
22.8840

■ 36.4950, 21.3160,
21.1880

■ 161.5990, 26.9550,
23.6190

■ 16.9460, 18.4280,
18.4600

■ 188.8980, 27.5510,
23.8310

■ 5.0830, 10.1320,
3.6040

■ 215.4140, 26.0380,
23.7180

■ 0.0000, 0.0000,
0.0000

■ 235.6290, 9.0750,
17.2590

■ 252.0650, 1.3750,

2.6150

■ 84.2780, 23.4250,
21.5130

■ 84.2780, 23.4250,
21.5130

■ 76.6640, 28.3300,
26.2340

■ 91.8920, 18.5200,
16.7920

■ 68.9360, 33.5560,
30.6440

■ 99.6200, 13.2940,
12.3820

■ 61.3220, 38.4610,
35.3650

■ 107.2340, 8.3890,
7.6610

■ 53.7080, 43.3660,
40.0860

■ 114.8480, 3.4840,
2.9400

■ 45.9800, 48.5920,
44.4960

■ 122.5760, -1.7420,
-1.4700

■ 43.4040, 50.3340,
45.9660

■ 130.1900, -6.6470,
-6.1910

■ 137.9180,
-11.8730, -10.6010

■ 145.5320,
-16.7780, -15.3220

■ 153.1460,
-21.6830, -20.0430

Harmonies

Analogous

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



84.5020, 2.2430, 19.9310



84.2780, 23.4250, 21.5130



83.0480, 35.5760, 16.0560

Triad

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



84.2780, 23.4250, 21.5130



79.3000, 16.0500, -15.5500



67.7010, -62.4900, -12.8740

Complementary

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



84.2780, 23.4250, 21.5130



99.7220, -23.4250, -21.5130

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.



65.8940, -56.0240, -19.9280



84.2780, 23.4250, 21.5130



75.6440, -5.5900, -19.8460

Square

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



84.2780, 23.4250, 21.5130



80.9970, 30.4450, -6.6030



68.7250, -36.6750, -23.6750



66.2480, -65.2880, -6.2160

Rectangle

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



84.2780, 23.4250, 21.5130



82.2020, 37.7780, 9.1860



68.7250, -36.6750, -23.6750



67.0170, -60.5640, -14.7400

Sweetspot

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



84.2780, 23.4250, 21.5130



141.9460, 9.2600, 8.3960



77.5600, -3.6720, 22.5040



70.6850, 5.5010, 4.9330



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.



84.2780, 23.4250, 21.5130



99.8980, 36.7190, 33.8950



81.2000, 32.0920, 13.1160



57.1360, 2.6130, 2.2050



45.2410, 52.3510, 47.9590



91.3080, 105.2520, 96.9640

Inverse Universe

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



84.2780, 23.4250, 21.5130



99.8980, 36.7190, 33.8950



102.8000, -32.0920, -13.1160



57.1360, 2.6130, 2.2050



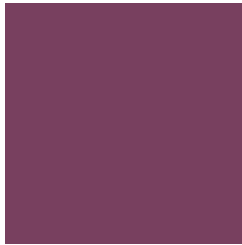
45.2410, 52.3510, 47.9590



91.3080, 105.2520, 96.9640

Previews

White Background



This preview shows how the YIQ color 84.2780, 23.4250, 21.5130 looks on a white background.

Color Contrast Check

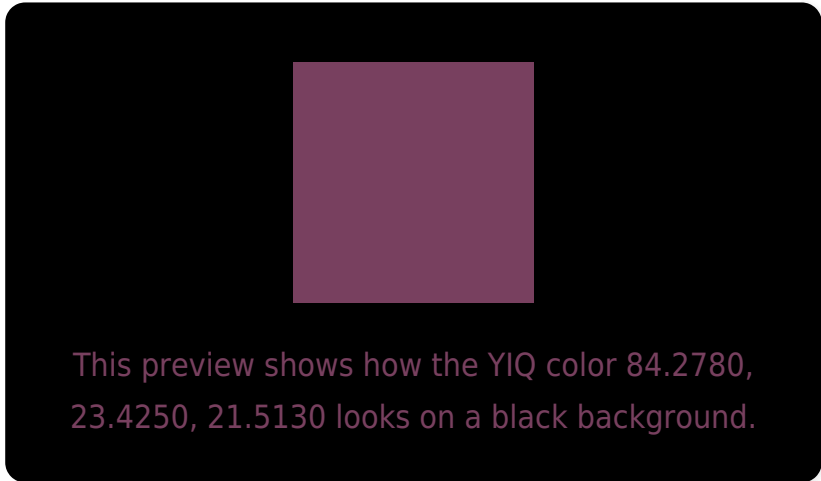
Large Text (above 18pt) WCAG AA ✓ Pass

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

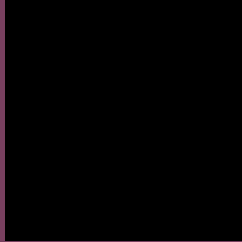
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 84.2780, 23.4250, 21.5130

Background



This preview shows how black text looks on a background with the YIQ color 84.2780, 23.4250, 21.5130.



This preview shows how white text looks on a background with the YIQ color 84.2780, 23.4250,

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

84.2780, 23.4250, 21.5130

Protanopia

83.0560, -11.6010, 6.5030

Deuteranopia

83.7490, -0.5510, 4.4810



Tritanopia

83.5200, 28.1950, 12.1550

Trichromacy



Original Color

84.2780, 23.4250, 21.5130

Protanomaly

83.2750, 1.1440, 12.3120

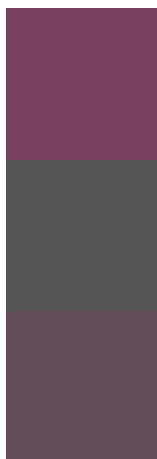
Deuteranomaly

83.9290, 7.9300, 10.4740

Tritanomaly

84.1440, 26.4980, 15.3780

Monochromacy



Original Color

84.2780, 23.4250, 21.5130

Achromatopsia

84.0000, -0.0000, -0.0000

Achromatomaly

84.2340, 8.3890, 7.6610

CSS Examples

Text

The CSS property to change the color of the text to YIQ 84.2780, 23.4250, 21.5130 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(120, 64, 95)` looks like.

```
.text, #text, p{  
    color:rgb(120, 64, 95)  
}
```

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(120, 64, 95) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 64, 95) }
```

Border

The CSS property to change the border of an element to YIQ 84.2780, 23.4250, 21.5130 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(120, 64, 95) }
```


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

```
.border{ border-color:rgb(120, 64, 95) }
```

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

Here you see how a box with a 4 pixel rgb(120, 64, 95) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(120, 64, 95); -webkit-box-  
shadow:4px 4px 4px 4px rgb(120, 64, 95);  
box-shadow:4px 4px 4px 4px rgb(120, 64,  
95) }
```

Background

The CSS property to change the background color of an element to YIQ 84.2780, 23.4250, 21.5130 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 64, 95) }
```

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

```
.background{ background-color: rgb(120, 64,  
95) }
```

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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