

Converting Colors

YIQ(80.6280, 10.8160, 24.2560)

Have a look what the booklet for
YIQ(80.6280, 10.8160, 24.2560)
contains.

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Color

**YIQ(80.6280, 10.8160,
24.2560)**

Conversions

Conversions Part 1

Format	Color
Hex	6A3E6E
RGB	106, 62, 110
RGB Percent	42%, 24%, 43%
CMY	0.5842, 0.7569, 0.5686
CMYK	0.04, 0.44, 0.00, 0.57
HSL	295°, 28%, 34%
HSV	295°, 44%, 43%
XYZ	10.4841, 7.6353, 15.6735
YIQ	80.6280, 10.8160, 24.2560

Conversions

Conversions Part 2

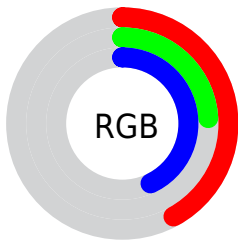
Format	Color
R_{YB}	106, 62, 110
Decimal	6962798
CIE _{Lab}	33.21, 27.67, -19.97
CIE _{LCh}	33, 34.126, 324.185
Yxy	7.6353, 0.3102, 0.2259
Android (android.graphics.Color)	4285152878 (0xFF6A3E6E)
YUV	80.6280, 14.4804, 22.2512
Hunter-Lab	27.6321, 19.3698, -14.2879

Details

The YIQ color **80.6280, 10.8160, 24.2560** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **91.3720, -10.8160, -24.2560**, and the grayscale version is **80.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **130.8670, 11.6410, 25.8250**, and **33.5030, 9.6700, 22.9980** is the 20% darker color. If you saturate the color by 10%, you get **73.8720, 13.2450, 29.7970**, and if you desaturate by 10%, it is **87.3840, 8.3870, 18.7150**.

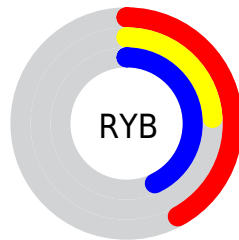
Distribution



Red (42%)

Green (24%)

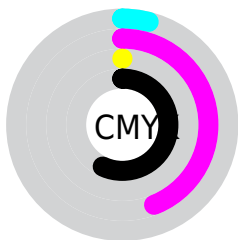
Blue (43%)



Red (42%)

Yellow (24%)

Blue (43%)

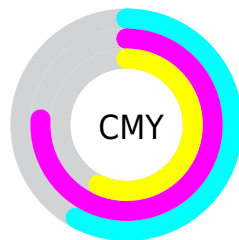


Cyan (4%)

Magenta (44%)

Yellow (0%)

Black (57%)



Cyan (58%)

Magenta (76%)

Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 80.6280, 10.8160, 24.2560 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 80.6280, 10.8160, 24.2560 by changing the saturation by 10% instead.

80.6280, 10.8160,
24.2560

80.6280, 10.8160,
24.2560

255.0000, -0.0000,
-0.0000

56.9160, 9.9450,
23.5210

130.8670, 11.6410,
25.8250

33.5030, 9.6700,
22.9980

157.5790, 12.5120,
26.5600

15.3240, 8.6160,
20.0720

184.4050, 13.0620,
27.6060

2.6390, -6.0530,
5.0750

211.8180, 13.3370,
28.1290

0.0000, 0.0000,
0.0000

233.2810, 10.1750,
19.3510

250.3040, 2.2000,

4.1840

■ 80.6280, 10.8160,
24.2560

■ 80.6280, 10.8160,
24.2560

■ 73.8720, 13.2450,
29.7970

■ 87.3840, 8.3870,
18.7150

■ 67.1160, 15.6740,
35.3380

■ 94.1400, 5.9580,
13.1740

■ 60.3600, 18.1030,
40.8790

■ 100.8960, 3.5290,
7.6330

■ 53.6040, 20.5320,
46.4200

■ 107.6520, 1.1000,
2.0920

■ 46.8480, 22.9610,
51.9610

■ 114.4080, -1.3290,
-3.4490

■ 42.7390, 24.8860,
55.6220

■ 120.8650, -4.3540,
-9.2020

■ 127.6210, -6.7830,
-14.7430

■ 134.3770, -9.2120,
-20.2840

■ 141.1330,
-11.6410, -25.8250

Harmonies

Analogous

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



78.2590, -19.1220, 16.1580



80.6280, 10.8160, 24.2560



78.4640, 31.7690, 24.4810

Triad

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



80.6280, 10.8160, 24.2560



75.4220, 30.4460, -12.1300



64.7030, -56.8040, -16.8040

Complementary

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



80.6280, 10.8160, 24.2560



91.3720, -10.8160, -24.2560

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.



61.6250, -48.1370, -25.2010



80.6280, 10.8160, 24.2560



72.8000, 11.4660, -20.5820

Square

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



80.6280, 10.8160, 24.2560



77.1280, 40.6220, 1.6940



67.8490, -16.5930, -24.1850



66.0370, -63.3160, -8.9160

Rectangle

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



80.6280, 10.8160, 24.2560



77.4940, 40.2520, 19.4200



67.8490, -16.5930, -24.1850



63.6770, -53.9150, -19.6030

Sweetspot

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



80.6280, 10.8160, 24.2560



131.2490, 4.0330, 9.5130



69.8200, -16.5080, 12.8360



64.2440, 2.4290, 5.5410



199.0000, -0.0000, 0.0000



71.0000, -0.0000, -0.0000

Same Dimension

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



80.6280, 10.8160, 24.2560



97.7680, 16.7740, 37.4300



79.5440, 19.6200, 18.8840



52.4780, 1.6500, 3.1380



46.5700, 27.0400, 60.6400



96.0310, 56.0050, 124.9410

Inverse Universe

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



76.8080, 27.3240, 11.4200



91.8100, 42.1780, 17.5540



92.4560, -19.6200, -18.8840



51.9080, 3.2550, 1.5830



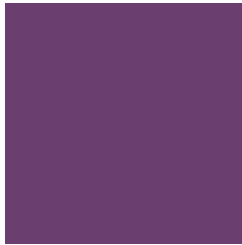
37.0200, 68.3100, 28.5500



76.1330, 140.7920, 58.5840

Previews

White Background



This preview shows how the YIQ color 80.6280, 10.8160, 24.2560 looks on a white background.

Color Contrast Check

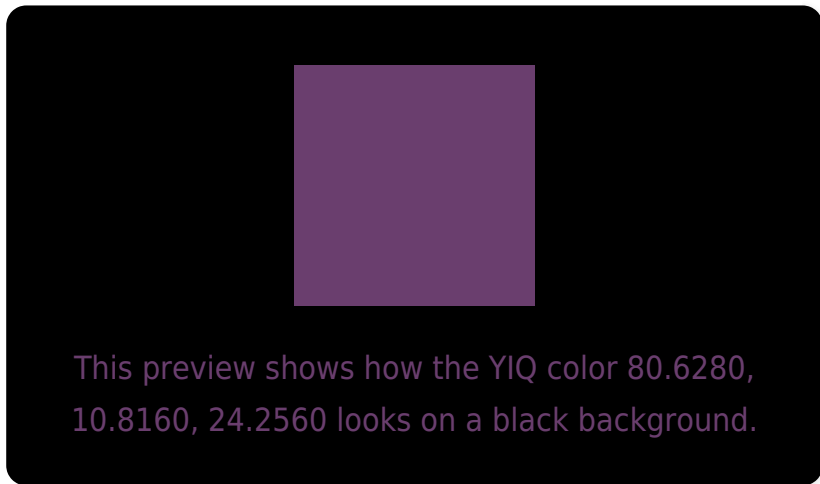
Large Text (above 18pt) WCAG AA ✓ Pass

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 80.6280, 10.8160, 24.2560

Background



This preview shows how black text looks on a background with the YIQ color 80.6280, 10.8160, 24.2560.



This preview shows how white text looks on a background with the YIQ color 80.6280, 10.8160,

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

80.6280, 10.8160, 24.2560

Protanopia

77.6450, -23.3850, 10.8150

Deuteranopia

78.3270, -13.8020, 7.8460



Tritanopia

79.8390, 16.8710, 8.1270

Trichromacy



Original Color

80.6280, 10.8160, 24.2560

Protanomaly

79.0380, -11.1900, 15.5780

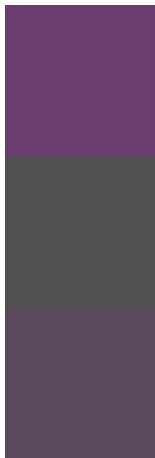
Deuteranomaly

79.3930, -5.0000, 13.5280

Tritanomaly

80.1580, 14.7150, 14.1630

Monochromacy



Original Color

80.6280, 10.8160, 24.2560

Achromatopsia

81.0000, -0.0000, 0.0000

Achromatomaly

80.8360, 3.7580, 8.9900

CSS Examples

Text

The CSS property to change the color of the text to YIQ 80.6280, 10.8160, 24.2560 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(106, 62, 110)` looks like.

```
.text, #text, p{  
    color:rgb(106, 62, 110)  
}
```

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(106, 62, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(106, 62, 110) }
```

Border

The CSS property to change the border of an element to YIQ 80.6280, 10.8160, 24.2560 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(106, 62, 110) }
```


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

```
.border{ border-color:rgb(106, 62, 110) }
```

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

Here you see how a box with a 4 pixel `rgb(106, 62, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(106, 62, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(106, 62, 110);  
box-shadow:4px 4px 4px 4px rgb(106, 62,  
110) }
```

Background

The CSS property to change the background color of an element to YIQ 80.6280, 10.8160, 24.2560 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(106, 62, 110) }
```

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

```
.background{ background-color: rgb(106, 62,  
110) }
```

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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