Converting Colors

YIQ(78.2460, 0.0880, 20.4400)

Have a look what the booklet for YIQ(78.2460, 0.0880, 20.4400) contains.

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Color

YIQ(78.2460, 0.0880, 20.4400)

Conversions

Conversions Part 1

Format	Color
Hex	5B4171
RGB	91, 65, 113
RGB Percent	36%, 25%, 44%
CMY	0.6430, 0.7451, 0.5569
CMYK	0.19, 0.42, 0.00, 0.56
HSL	273°, 27%, 35%
HSV	273°, 42%, 44%
XYZ	9.1865, 7.1967, 16.5249
YIQ	78.2460, 0.0880, 20.4400

Conversions

Conversions Part 2

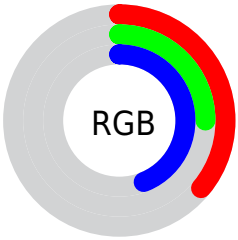
Format	Color
RYB	91, 65, 113
Decimal	5980529
CIELab	32.25, 21.48, -23.49
CIELCh	32, 31.833, 312.444
Yxy	7.1967, 0.2792, 0.2187
Android (android.graphics.Color)	4284170609 (0xFF5B4171)
YUV	78.2460, 17.1337, 11.1853
Hunter-Lab	26.8267, 14.1783, -17.7432

Details

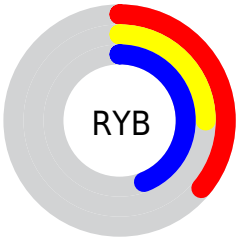
The YIQ color 78.2460, 0.0880, 20.4400 is a dark color, and the websafe version is hex 663366. A complement of this color would be 99.7540, -0.0880, -20.4400, and the grayscale version is 78.0000, -0.0000, -0.0000.

A 20% lighter version of the original color is 127.5990, 0.5920, 22.3200, and 32.8930, -0.4160, 18.5600 is the 20% darker color. If you saturate the color by 10%, you get 70.2940, 0.1330, 25.1330, and if you desaturate by 10%, it is 86.1980, 0.0430, 15.7470.

Distribution

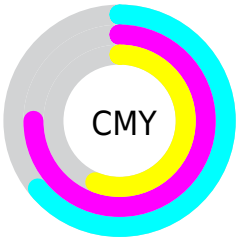


- Red (36%)
- Green (25%)
- Blue (44%)



- Red (36%)
- Yellow (25%)
- Blue (44%)

- Cyan (19%)
- Magenta (42%)
- Yellow (0%)
- Black (56%)



- Cyan (64%)
- Magenta (75%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 78.2460, 0.0880, 20.4400 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 78.2460, 0.0880, 20.4400 by changing the saturation by 10% instead.

78.2460, 0.0880, 20.4400

255.0000, -0.0000, -0.0000

127.5990, 0.5920, 22.3200

154.0120, 0.8670, 22.8430

180.5390, 0.8210, 23.6770

208.9520, 1.0960, 24.2000

234.4440, 8.1580, 17.3580

251.4780, 1.6500,

78.2460, 0.0880, 20.4400

54.7190, 0.1340, 19.6060

32.8930, -0.4160, 18.5600

12.3770, 1.0970, 18.6730

2.9810, -7.0160, 6.0080

0.0000, 0.0000, 0.0000

3.1380

78.2460, 0.0880, 20.4400

78.2460, 0.0880, 20.4400

70.2940, 0.1330, 25.1330

86.1980, 0.0430, 15.7470

61.7550, 0.4530, 30.3490

94.7370, -0.2770, 10.5310

53.8030, 0.4980, 35.0420

102.9880, 0.2740, 6.0500

45.5520, -0.0530, 39.5230

110.9400, 0.2290, 1.3570

37.0130, 0.2670, 44.7390

118.8920, 0.1840, -3.3360

31.1210, 0.0830, 48.0750

127.4310, -0.1360, -8.5520

135.3830, -0.1810, -13.2450

143.3350, -0.2260, -17.9380

152.1730, 0.0500, -22.9420

Harmonies

Analogous

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

73.2250, -30.9500, 10.2500

78.2460, 0.0880, 20.4400

77.4460, 23.0120, 23.4920

Triad

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

78.2460, 0.0880, 20.4400

74.0790, 33.1500, -6.0660

61.4600, -51.8060, -19.2780

Complementary

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

78.2460, 0.0880, 20.4400

99.7540, -0.0880, -20.4400

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.

58.2080, -42.5890, -26.6290

78.2460, 0.0880, 20.4400

72.4420, 18.5260, -16.3700

Square

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

78.2460, 0.0880, 20.4400

75.1050, 39.4290, 6.7970

69.0740, -3.9850, -21.4010

63.4950, -58.9140, -11.6020

Rectangle

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

78.2460, 0.0880, 20.4400

76.4270, 33.1910, 20.7350

69.0740, -3.9850, -21.4010

60.4340, -48.9170, -22.0770

Sweetspot

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

78.2460, 0.0880, 20.4400

134.1560, -0.1390, 8.0290

83.3860, -21.4580, 3.4220

65.4610, 0.3200, 5.2160

201.0000, -0.0000, 0.0000

74.0000, -0.0000, 0.0000

Same Dimension

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

78.2460, 0.0880, 20.4400

92.9230, 0.0400, 32.3280

84.5960, 13.8420, 24.4820

51.8800, 0.4580, 2.7140

33.1150, 0.2200, 51.1000

68.2240, 0.5770, 105.2250

Inverse Universe

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

81.8600, 21.5460, 17.0180

98.7140, 34.0610, 26.9970

93.4040, -13.8420, -24.4820

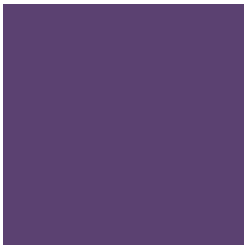
52.1360, 2.6130, 2.2050

42.1500, 53.8650, 42.5450

86.7350, 110.9390, 87.5070

Previews

White Background

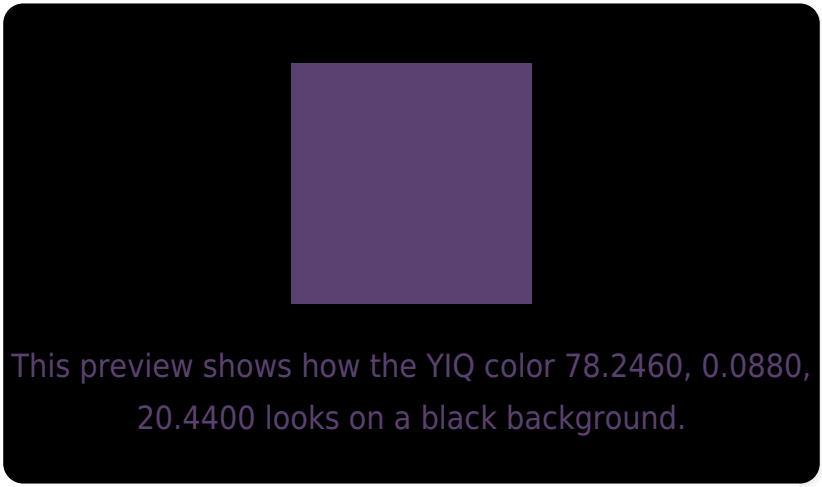


This preview shows how the YIQ color 78.2460, 0.0880, 20.4400 looks on a white background.

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 78.2460, 0.0880, 20.4400

Background

This preview shows how black text looks on a background with the YIQ color 78.2460, 0.0880, 20.4400.

This preview shows how white text looks on a background with the YIQ color 78.2460, 0.0880,

20.4400.

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
78.2460, 0.0880, 20.4400

Protanopia
75.1610, -24.8980, 10.7020

Deuteranopia
75.8040, -19.5790, 7.9170

Tritanopia
77.1580, 5.5470, 4.0990

Trichromacy

Original Color
78.2460, 0.0880, 20.4400

Protanomaly
76.0590, -15.6830, 14.4050

Deuteranomaly
76.8590, -12.2440, 12.6520

Tritanomaly
77.4770, 3.3910, 10.1350

Monochromacy

Original Color
78.2460, 0.0880, 20.4400

Achromatopsia
78.0000, -0.0000, -0.0000

Achromatomaly
78.0420, 0.1820, 7.7180

CSS Examples

Text

The CSS property to change the color of the text to YIQ 78.2460, 0.0880, 20.4400 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(91, 65, 113) looks like.

```
.text, #text, p{
    color:rgb(91, 65, 113)
}
```

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(91, 65, 113) colored shadow looks like.

Here you see how black text with a 4 pixel rgb(91, 65, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(91, 65, 113) }
```

Border

The CSS property to change the border of an element to YIQ 78.2460, 0.0880, 20.4400 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(91, 65, 113) }
```

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

```
.border{ border-color:rgb(91, 65, 113) }
```

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

Here you see how a box with a 4 pixel rgb(91, 65, 113) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(91, 65, 113); -webkit-box-shadow:4px 4px 4px 4px rgb(91, 65, 113); box-shadow:4px 4px 4px 4px rgb(91, 65, 113) }
```

Background

The CSS property to change the background color of an element to YIQ 78.2460, 0.0880, 20.4400 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{ background:rgb(91, 65, 113) }
```

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

```
.background{ background-color:rgb(91, 65, 113) }
```

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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