

Converting Colors

YIQ(78.4860, 8.3400, 25.0760)

Have a look what the booklet for
YIQ(78.4860, 8.3400, 25.0760)
contains.

YIQ(78.4860, 8.3400, 25.0760)	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(78.4860, 8.3400,
25.0760)**

Conversions

Conversions Part 1

Format	Color
Hex	663C70
RGB	102, 60, 112
RGB Percent	40%, 24%, 44%
CMY	0.5999, 0.7648, 0.5608
CMYK	0.09, 0.46, 0.00, 0.56
HSL	289°, 30%, 34%
HSV	289°, 46%, 44%
XYZ	10.0228, 7.2264, 16.1953
YIQ	78.4860, 8.3400, 25.0760

Conversions

Conversions Part 2

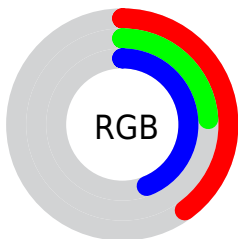
Format	Color
R_{YB}	102, 60, 112
Decimal	6700144
CIE _{Lab}	32.32, 27.96, -22.66
CIE _{LCh}	32, 35.990, 320.973
Y _{xy}	7.2264, 0.2997, 0.2161
Android (android.graphics.Color)	4284890224 (0xFF663C70)
YUV	78.4860, 16.5224, 20.6218
Hunter-Lab	26.8820, 19.5089, -16.9023




Details

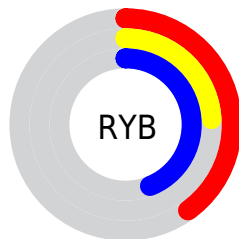
The YIQ color **78.4860, 8.3400, 25.0760** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **93.5140, -8.3400, -25.0760**, and the grayscale version is **78.0000, -0.0000, -0.0000**.




A 20% lighter version of the original color is **128.7250, 9.1650, 26.6450**, and **31.3610, 7.1940, 23.8180** is the 20% darker color. If you saturate the color by 10%, you get **71.4310, 10.1730, 30.4050**, and if you desaturate by 10%, it is **85.5410, 6.5070, 19.7470**.

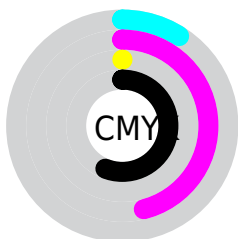
Distribution







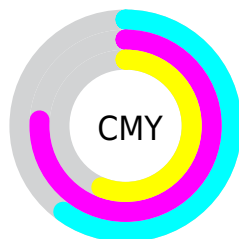
-  Red (40%)
-  Green (24%)
-  Blue (44%)






-  Red (40%)
-  Yellow (24%)
-  Blue (44%)



-  Cyan (9%)
-  Magenta (46%)
-  Yellow (0%)
-  Black (56%)



-  Cyan (60%)
-  Magenta (76%)
-  Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 78.4860, 8.3400, 25.0760 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 78.4860, 8.3400, 25.0760 by changing the saturation by 10% instead.

78.4860, 8.3400,
25.0760

78.4860, 8.3400,
25.0760

255.0000, -0.0000,
-0.0000

54.6600, 7.7900,
24.0300

128.7250, 9.1650,
26.6450

31.3610, 7.1940,
23.8180

154.5510, 9.7150,
27.6910

14.6550, 6.1860,
20.0580

181.9640, 9.9900,
28.2140

2.8670, -6.6950,
5.6970

209.7900, 10.5400,
29.2600

0.0000, 0.0000,
0.0000

232.1070, 10.7250,
20.3970

249.1300, 2.7500,

■ 78.4860, 8.3400,
25.0760

■ 78.4860, 8.3400,
25.0760

■ 71.4310, 10.1730,
30.4050

■ 85.5410, 6.5070,
19.7470

■ 64.3760, 12.0060,
35.7340

■ 92.5960, 4.6740,
14.4180

■ 56.7340, 14.1140,
41.5860

■ 100.2380, 2.5660,
8.5660

■ 49.3800, 15.3510,
46.7030

■ 107.5920, 1.3290,
3.4490

■ 42.3250, 17.1840,
52.0320

■ 114.6470, -0.5040,
-1.8800

■ 39.9770, 18.2840,
54.1240

■ 121.7020, -2.3370,
-7.2090

■ 128.7570, -4.1700,
-12.5380

■ 136.3990, -6.2780,
-18.3900

■ 143.4540, -8.1110,
-23.7190

Harmonies

Analogous

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



75.2090, -24.8530, 15.3950



78.4860, 8.3400, 25.0760



76.5180, 31.6770, 26.1490

Triad

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



78.4860, 8.3400, 25.0760



73.3900, 33.4720, -11.9040



63.6600, -55.2450, -17.5250

Complementary

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



78.4860, 8.3400, 25.0760



93.5140, -8.3400, -25.0760

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.



59.7670, -45.6610, -26.0210



78.4860, 8.3400, 25.0760



71.1270, 14.8590, -21.5010

Square

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



78.4860, 8.3400, 25.0760



74.2640, 43.2350, 3.8990



65.8770, -13.7960, -25.3160



64.6350, -62.1240, -8.4920

Rectangle

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



78.4860, 8.3400, 25.0760



75.2600, 41.0310, 21.8230



65.8770, -13.7960, -25.3160



62.6340, -52.3560, -20.3240

Sweetspot

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



78.4860, 8.3400, 25.0760



132.0640, 3.1160, 9.6120



71.7980, -19.4420, 10.9420



65.7710, 2.3830, 6.3750



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.



78.4860, 8.3400, 25.0760



92.9680, 13.3350, 39.1830



79.6520, 19.4360, 22.2200



52.1790, 1.0540, 2.9260



42.6830, 19.2920, 57.8840



87.9580, 39.9130, 119.2170

Inverse Universe

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



76.6880, 27.7820, 14.1340



90.0430, 43.1400, 22.1480



92.3480, -19.4360, -22.2200



52.0220, 2.9340, 1.8940



38.5020, 64.1370, 32.5930



79.2110, 132.1250, 66.9810

Previews

White Background



This preview shows how the YIQ color 78.4860, 8.3400, 25.0760 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



This preview shows how the YIQ color 78.4860, 8.3400, 25.0760 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

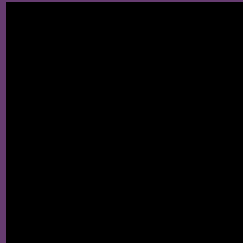
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 78.4860, 8.3400, 25.0760

Background



This preview shows how black text looks on a background with the YIQ color 78.4860, 8.3400, 25.0760.



This preview shows how white text looks on a background with the YIQ color 78.4860, 8.3400,

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

78.4860, 8.3400, 25.0760

Protanopia

75.3180, -26.7780, 11.7340

Deuteranopia

76.1740, -17.7450, 7.7190



Tritanopia

77.9420, 15.0830, 7.4910

Trichromacy



Original Color

78.4860, 8.3400, 25.0760

Protanomaly

76.5970, -14.2620, 16.1860

Deuteranomaly

76.9520, -8.0720, 14.1360

Tritanomaly

78.3750, 12.6060, 13.8380

Monochromacy



Original Color

78.4860, 8.3400, 25.0760

Achromatopsia

78.0000, -0.0000, -0.0000

Achromatomaly

77.9500, 3.4370, 9.3010

CSS Examples

Text

The CSS property to change the color of the text to YIQ 78.4860, 8.3400, 25.0760 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(102, 60, 112)` looks like.

```
.text, #text, p{  
    color:rgb(102, 60, 112)  
}
```

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(102, 60, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(102, 60, 112) }
```

Border

The CSS property to change the border of an element to YIQ 78.4860, 8.3400, 25.0760 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(102, 60, 112) }
```


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

```
.border{ border-color:rgb(102, 60, 112) }
```

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

Here you see how a box with a 4 pixel `rgb(102, 60, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(102, 60, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(102, 60, 112);  
box-shadow:4px 4px 4px 4px rgb(102, 60,  
112) }
```

Background

The CSS property to change the background color of an element to YIQ 78.4860, 8.3400, 25.0760 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(102, 60, 112) }
```

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

```
.background{ background-color: rgb(102, 60,  
112) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor