

Converting Colors

YIQ(77.5010, 3.9840, 26.9280)

Have a look what the booklet for
YIQ(77.5010, 3.9840, 26.9280)
contains.

YIQ(77.5010, 3.9840, 26.9280)	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(77.5010, 3.9840,
26.9280)**

Conversions

Conversions Part 1

Format	Color
Hex	623B77
RGB	98, 59, 119
RGB Percent	38%, 23%, 47%
CMY	0.6156, 0.7687, 0.5334
CMYK	0.18, 0.50, 0.00, 0.53
HSL	279°, 34%, 35%
HSV	279°, 50%, 47%
XYZ	9.9330, 7.0565, 18.2888
YIQ	77.5010, 3.9840, 26.9280

Conversions

Conversions Part 2

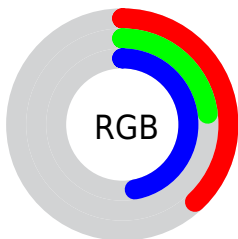
Format	Color
R_{YB}	98, 59, 119
Decimal	6437751
CIE _{Lab}	31.94, 28.90, -27.70
CIE _{LCh}	32, 40.031, 316.209
Yxy	7.0565, 0.2816, 0.2000
Android (android.graphics.Color)	4284627831 (0xFF623B77)
YUV	77.5010, 20.4590, 17.9776
Hunter-Lab	26.5641, 20.2588, -22.2251

Details

The YIQ color **77.5010, 3.9840, 26.9280** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **100.4990, -3.9840, -26.9280**, and the grayscale version is **77.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **127.8540, 4.4880, 28.8080**, and **30.2620, 3.1590, 25.3590** is the 20% darker color. If you saturate the color by 10%, you get **69.2610, 4.9000, 32.3560**, and if you desaturate by 10%, it is **85.7410, 3.0680, 21.5000**.

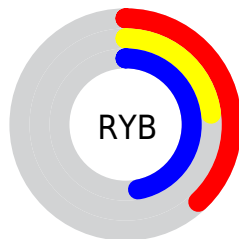
Distribution



Red (38%)

Green (23%)

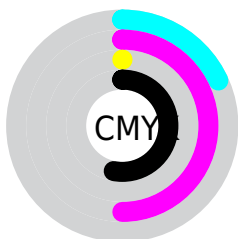
Blue (47%)



Red (38%)

Yellow (23%)

Blue (47%)

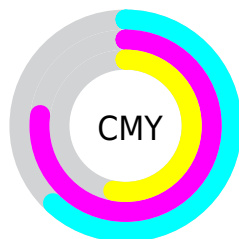


Cyan (18%)

Magenta (50%)

Yellow (0%)

Black (53%)



Cyan (62%)

Magenta (77%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 77.5010, 3.9840, 26.9280 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 77.5010, 3.9840, 26.9280 by changing the saturation by 10% instead.

■ 77.5010, 3.9840,
26.9280

■ 77.5010, 3.9840,
26.9280

■ 255.0000, -0.0000,
-0.0000

■ 53.6750, 3.4340,
25.8820

■ 127.8540, 4.4880,
28.8080

■ 30.2620, 3.1590,
25.3590

■ 153.6800, 5.0380,
29.8540

■ 14.1430, 1.8760,
21.0760

■ 181.0930, 5.3130,
30.3770

■ 3.5510, -8.6210,
7.5630

■ 208.8050, 6.1840,
31.1120

■ 0.0000, 0.0000,
0.0000

■ 231.5200, 11.0000,
20.9200

■ 247.9560, 3.3000,

6.2760

■ 77.5010, 3.9840,
26.9280

■ 77.5010, 3.9840,
26.9280

■ 69.2610, 4.9000,
32.3560

■ 85.7410, 3.0680,
21.5000

■ 61.0210, 5.8160,
37.7840

■ 93.9810, 2.1520,
16.0720

■ 52.7810, 6.7320,
43.2120

■ 102.5200, 1.8320,
10.8560

■ 44.2420, 7.0520,
48.4280

■ 110.7600, 0.9160,
5.4280

■ 36.5890, 7.6930,
53.3330

■ 118.4130, 0.2750,
0.5230

■ 126.6530, -0.6410,
-4.9050

■ 134.8930, -1.5570,
-10.3330

■ 143.1330, -2.4730,
-15.7610

■ 151.3730, -3.3890,
-21.1890

Harmonies

Analogous

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



71.5110, -37.5070, 13.4450



77.5010, 3.9840, 26.9280



74.4520, 32.0430, 30.5310

Triad

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



77.5010, 3.9840, 26.9280



71.3970, 40.7620, -11.8620



63.3180, -54.2820, -18.4580

Complementary

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



77.5010, 3.9840, 26.9280



100.4990, -3.9840, -26.9280

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.



58.9690, -43.4140, -28.1980



77.5010, 3.9840, 26.9280



69.2540, 21.6910, -24.1730

Square

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



77.5010, 3.9840, 26.9280



72.5960, 48.2320, 6.9520



64.7370, -10.5860, -28.4260



65.3360, -62.7200, -8.7040

Rectangle

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



77.5010, 3.9840, 26.9280



72.9770, 43.5060, 26.5300



64.7370, -10.5860, -28.4260



62.0640, -50.7510, -21.8790

Sweetspot

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



77.5010, 3.9840, 26.9280



139.2210, 1.2360, 10.6440



78.1670, -25.0350, 7.6770



69.2870, 0.8700, 6.2620



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.



77.5010, 3.9840, 26.9280



90.0690, 5.8610, 42.4770



82.7540, 19.3890, 28.5810



54.8800, 0.4580, 2.7140



37.8280, 8.5180, 54.9020



77.2370, 16.8980, 112.3060

Inverse Universe

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



79.3340, 29.0190, 19.2510



93.1670, 46.0270, 30.4030



95.2460, -19.3890, -28.5810



55.0220, 2.9340, 1.8940



41.3800, 58.9090, 39.2370



84.6680, 121.0730, 80.0570

Previews

White Background



This preview shows how the YIQ color 77.5010, 3.9840, 26.9280 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 77.5010, 3.9840, 26.9280 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

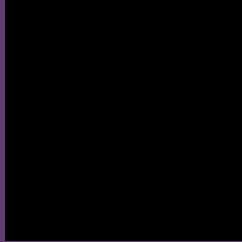
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 77.5010, 3.9840, 26.9280

Background



This preview shows how black text looks on a background with the YIQ color 77.5010, 3.9840, 26.9280.



This preview shows how white text looks on a background with the YIQ color 77.5010, 3.9840,

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

77.5010, 3.9840, 26.9280

Protanopia

73.1370, -33.5180, 12.7380

Deuteranopia

73.9930, -24.4850, 8.7230



Tritanopia

76.8490, 10.9110, 6.0070

Trichromacy



Original Color

77.5010, 3.9840, 26.9280

Protanomaly

75.0140, -19.8100, 17.6140

Deuteranomaly

75.0700, -14.2160, 15.3520

Tritanomaly

77.2220, 8.6630, 13.7110

Monochromacy



Original Color

77.5010, 3.9840, 26.9280

Achromatopsia

78.0000, -0.0000, -0.0000

Achromatomaly

77.6940, 1.2820, 9.8100

CSS Examples

Text

The CSS property to change the color of the text to YIQ 77.5010, 3.9840, 26.9280 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(98, 59, 119)` looks like.

```
.text, #text, p{  
    color:rgb(98, 59, 119)  
}
```

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(98, 59, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(98, 59, 119) }
```

Border

The CSS property to change the border of an element to YIQ 77.5010, 3.9840, 26.9280 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(98, 59, 119) }
```


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

```
.border{ border-color:rgb(98, 59, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(98, 59, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(98, 59, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(98, 59, 119);  
box-shadow:4px 4px 4px 4px rgb(98, 59,  
119) }
```

Background

The CSS property to change the background color of an element to YIQ 77.5010, 3.9840, 26.9280 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(98, 59, 119) }
```

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

```
.background{ background-color: rgb(98, 59,  
119) }
```

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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