

Converting Colors

YIQ(81.0830, -78.1250,
-10.3570)

Have a look what the booklet for
YIQ(81.0830, -78.1250, -10.3570)
contains.

| | |
|--|----|
| YIQ(81.0830, -78.1250, -10.3570) | 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(81.0830, -78.1250,
-10.3570)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|-----------------------------|
| Hex | 006D96 |
| RGB | 0, 109, 150 |
| RGB Percent | 0%, 43%, 59% |
| CMY | 0.9999, 0.5724, 0.4121 |
| CMYK | 1.00, 0.27, 0.00, 0.41 |
| HSL | 196°, 100%, 29% |
| HSV | 196°, 100%, 59% |
| XYZ | 10.9715, 13.1463, 30.7766 |
| YIQ | 81.0830, -78.1250, -10.3570 |

Conversions

Conversions Part 2

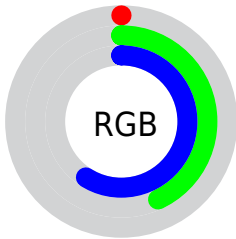
| Format | Color |
|-------------------------------------|-------------------------------|
| RYB | 0, 63, 150 |
| Decimal | 28054 |
| CIELab | 42.98, -10.78, -29.56 |
| CIELCh | 43, 31.467, 249.957 |
| Yxy | 13.1463, 0.1999, 0.2395 |
| Android (android.graphics.Color) | 4278218134 (0xFF006D96) |
| YUV | 81.0830, 33.9761, -71.1098 |
| Hunter-Lab | 36.2578, -9.4374, -24.9465 |

Details

The YIQ color **81.0830, -78.1250, -10.3570** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **68.9170, 78.1250, 10.3570**, and the grayscale version is **81.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **142.2920, -59.4200, -2.4280**, and **47.6800, -48.8290, -1.6370** is the 20% darker color. If you saturate the color by 10%, you get **81.0830, -78.1250, -10.3570**, and if you desaturate by 10%, it is **87.9160, -70.2850, -9.2690**.

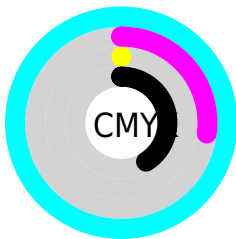
Distribution



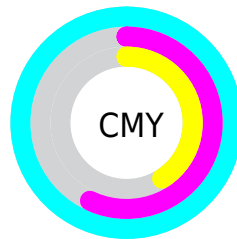
- Red (0%)
- Green (43%)
- Blue (59%)



- Red (0%)
- Yellow (25%)
- Blue (59%)



- Cyan (100%)
- Magenta (27%)
- Yellow (0%)
- Black (41%)



- Cyan (100%)
- Magenta (57%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 81.0830, -78.1250, -10.3570 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 81.0830, -78.1250, -10.3570 by changing the saturation by 10% instead.

81.0830, -78.1250,
-10.3570

81.0830, -78.1250,
-10.3570

255.0000, -0.0000,
-0.0000

64.0310, -63.1790,
-5.8910

142.2920,
-59.4200, -2.4280

47.6800, -48.8290,
-1.6370

170.1180,
-58.8700, -1.3820

32.0300, -35.0750,
2.4050

197.7330,
-56.3480, -3.0360

17.6680, -22.1920,
5.7120

223.4270,
-47.0390, -12.0550

4.5940, -10.1800,
8.2840

238.8540,
-32.1840, -11.4480

0.1140, -0.3210,
0.3110

247.5250,

0.0000, 0.0000,

-14.9000, -5.3000

0.0000

■ 81.0830, -78.1250,
-10.3570

■ 87.9160, -70.2850,
-9.2690

■ 94.7490, -62.4450,
-8.1810

■ 101.5820,
-54.6050, -7.0930

■ 108.4150,
-46.7650, -6.0050

■ 115.2480,
-38.9250, -4.9170

■ 122.6680,
-31.3600, -4.3520

■ 129.5010,
-23.5200, -3.2640

■ 136.3340,
-15.6800, -2.1760

■ 143.1670, -7.8400,
-1.0880

Harmonies

Analogous

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



82.1940, -74.3640, -17.9480



81.0830, -78.1250, -10.3570



99.1540, -32.1880, 10.6600

Triad

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



81.0830, -78.1250, -10.3570



102.8250, 37.8220, 19.4060



95.6290, -1.2340, -21.6980

Complementary

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



81.0830, -78.1250, -10.3570



68.9170, 78.1250, 10.3570

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.



98.6380, 20.9100, -15.5220



81.0830, -78.1250, -10.3570



101.7140, 42.0880, 8.1680

Square

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



81.0830, -78.1250, -10.3570



104.5600, 22.6910, 23.8030



100.6880, 35.8090, -4.6950



89.8350, -31.1730, -24.2690

Rectangle

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



81.0830, -78.1250, -10.3570



103.6190, -11.3280, 18.0800



100.6880, 35.8090, -4.6950



96.8750, 6.8810, -20.0870

Sweetspot

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



81.0830, -78.1250, -10.3570



167.2660, -30.1680, -3.9280



92.6100, -54.0900, -66.0100



80.6650, -18.1100, -2.1900



224.0000, -0.0000, 0.0000



97.0000, -0.0000, 0.0000

Same Dimension

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



81.0830, -78.1250, -10.3570



104.8830, -101.0490, -13.4090



37.6450, -57.7750, 28.3450



70.7330, -3.6220, -0.4380



74.4320, -71.7980, -9.3820



5.2490, -5.1350, -0.5510

Inverse Universe

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



57.2760, 54.4110, 65.6990



74.0800, 70.3630, 84.9790



112.3550, 57.7750, -28.3450



69.6630, 2.5670, 3.0390



52.6620, 50.1480, 60.3560



3.7880, 3.7130, 4.2970

Previews

White Background



This preview shows how the YIQ color 81.0830, -78.1250, -10.3570 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 × Fail

Black Background



This preview shows how the YIQ color 81.0830, -78.1250, -10.3570 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

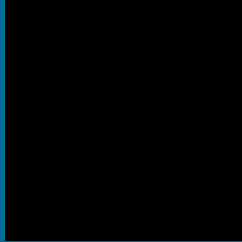
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 81.0830, -78.1250, -10.3570

Background



This preview shows how black text looks on a background with the YIQ color 81.0830, -78.1250, -10.3570.



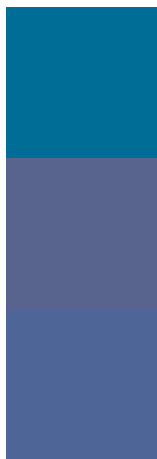
This preview shows how white text looks on a background with the YIQ color 81.0830, -78.1250,

-10.3570.

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

81.0830, -78.1250, -10.3570

Protanopia

101.2000, -20.6340, 10.5180

Deuteranopia

99.9370, -30.0790, 10.9850



Tritanopia

80.1250, -69.9160, -21.4680

Trichromacy



Original Color

81.0830, -78.1250, -10.3570

Protanomaly

93.7350, -41.4940, 3.0980

Deuteranomaly

93.2120, -47.2710, 3.1690

Tritanomaly

80.7920, -73.1720, -17.5240

Monochromacy



Original Color

81.0830, -78.1250, -10.3570

Achromatopsia

81.0000, -0.0000, 0.0000

Achromatomaly

81.0490, -28.0590, -3.6030

CSS Examples

Text

The CSS property to change the color of the text to YIQ 81.0830, -78.1250, -10.3570 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(0, 109, 150)` looks like.

```
.text, #text, p{  
    color:rgb(0, 109, 150)  
}
```

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(0, 109, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 109, 150) }
```

Border

The CSS property to change the border of an element to YIQ 81.0830, -78.1250, -10.3570 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(0, 109, 150) }
```


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

```
.border{ border-color:rgb(0, 109, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 109, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 109, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 109, 150);  
box-shadow:4px 4px 4px 4px rgb(0, 109,  
150) }
```

Background

The CSS property to change the background color of an element to YIQ 81.0830, -78.1250, -10.3570 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 109, 150) }
```

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

```
.background{ background-color: rgb(0, 109,  
150) }
```

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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