

Converting Colors

YIQ(76.7810, 77.7940, 65.9380)

Have a look what the booklet for
YIQ(76.7810, 77.7940, 65.9380)
contains.

YIQ(76.7810, 77.7940, 65.9380)	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(76.7810, 77.7940,
65.9380)**

Conversions

Conversions Part 1

Format	Color
Hex	C00D67
RGB	192, 13, 103
RGB Percent	75%, 5%, 40%
CMY	0.2466, 0.9492, 0.5958
CMYK	0.00, 0.93, 0.46, 0.25
HSL	330°, 87%, 40%
HSV	330°, 93%, 75%
XYZ	24.3636, 12.4889, 13.9745
YIQ	76.7810, 77.7940, 65.9380

Conversions

Conversions Part 2

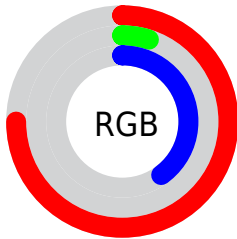
Format	Color
RYB	192, 13, 103
Decimal	12586343
CIELab	41.98, 67.69, -0.91
CIELCh	42, 67.697, 359.227
Yxy	12.4889, 0.4793, 0.2457
Android (android.graphics.Color)	4290776423 (0xFFC00D67)
YUV	76.7810, 12.9260, 101.0471
Hunter-Lab	35.3397, 61.2153, 1.2925

Details

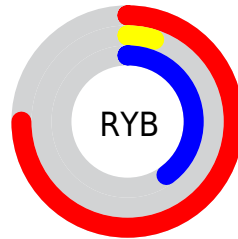
The YIQ color **76.7810, 77.7940, 65.9380** is a dark color, and the websafe version is hex **CC0066**. The color can be described as dark washed rose. A complement of this color would be **128.2190, -77.7940, -65.9380**, and the grayscale version is **77.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **145.4460, 76.8790, 54.9830**, and **45.8520, 60.6960, 45.4000** is the 20% darker color. If you saturate the color by 10%, you get **68.4660, 83.2950, 70.8710**, and if you desaturate by 10%, it is **89.0740, 69.3590, 59.1110**.

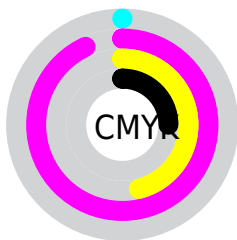
Distribution



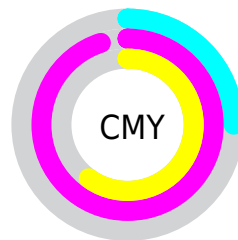
- Red (75%)
- Green (5%)
- Blue (40%)



- Red (75%)
- Yellow (5%)
- Blue (40%)



- Cyan (0%)
- Magenta (93%)
- Yellow (46%)
- Black (25%)





- Cyan (25%)
- Magenta (95%)
- Yellow (60%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 76.7810, 77.7940, 65.9380 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 76.7810, 77.7940, 65.9380 by changing the saturation by 10% instead.


 76.7810, 77.7940,
65.9380


 76.7810, 77.7940,
65.9380


255.0000, -0.0000,
-0.0000


 57.4440, 71.1930,
58.9130


 145.7450, 77.4750,
55.1950


 45.8520, 60.6960,
45.4000


 166.1450, 61.4290,
48.6370


 34.7870, 50.1530,
32.7210


 186.2460, 44.7870,
41.8670

 23.9070, 40.5270,
19.9430

 206.4610, 27.8240,
35.4080

 13.5690, 26.4990,
9.8510

 225.6500, 13.7500,
26.1500

 0.0000, 0.0000,
0.0000

 243.2600, 5.5000,

10.4600

■ 76.7810, 77.7940,
65.9380

■ 76.7810, 77.7940,
65.9380

■ 68.4660, 83.2950,
70.8710

■ 89.0740, 69.3590,
59.1110

■ 101.2530, 61.2450,
51.9730

■ 114.1330, 52.5350,
44.6230

■ 126.3120, 44.4210,
37.4850

■ 138.6050, 35.9860,
30.6580

■ 150.7840, 27.8720,
23.5200

■ 163.0770, 19.4370,
16.6930

■ 175.8430, 11.0480,
9.0320

■ 188.1360, 2.6130,
2.2050

Harmonies

Analogous

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



96.2730, 32.1300, 56.4980



76.7810, 77.7940, 65.9380



84.0010, 87.6570, 35.8570

Triad

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



76.7810, 77.7940, 65.9380



84.8910, 8.8110, -44.0610



92.0830, -95.3200, -1.5920

Complementary

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



76.7810, 77.7940, 65.9380



128.2190, -77.7940, -65.9380

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.



89.5290, -82.6170, -17.0570



76.7810, 77.7940, 65.9380



73.9570, -44.2810, -51.0410

Square

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



76.7810, 77.7940, 65.9380



92.8300, 46.3120, -24.3440



82.5580, -64.3660, -33.9500



86.9770, -97.4770, 9.9710

Rectangle

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



76.7810, 77.7940, 65.9380



89.4030, 85.3240, 6.5400



82.5580, -64.3660, -33.9500



91.8890, -92.0180, -6.3700

Sweetspot

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



76.7810, 77.7940, 65.9380



204.9200, 30.4850, 25.7250



59.4190, -5.6070, 74.1130



97.3650, 18.5660, 15.9580



252.0000, 0.0000, 0.0000



125.0000, 0.0000, 0.0000

Same Dimension

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



76.7810, 77.7940, 65.9380



89.1140, 108.5540, 92.1860



66.8630, 105.7210, 38.8810



90.5600, 4.3550, 3.6750



57.3730, 69.9550, 59.3230



11.8050, 14.2110, 12.2830

Inverse Universe

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



76.7810, 77.7940, 65.9380



89.1140, 108.5540, 92.1860



138.1370, -105.7210, -38.8810



90.5600, 4.3550, 3.6750



57.3730, 69.9550, 59.3230



11.8050, 14.2110, 12.2830

Previews

White Background



This preview shows how the YIQ color 76.7810, 77.7940, 65.9380 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



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

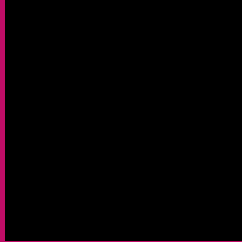
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 76.7810, 77.7940, 65.9380

Background



This preview shows how black text looks on a background with the YIQ color 76.7810, 77.7940, 65.9380.



This preview shows how white text looks on a background with the YIQ color 76.7810, 77.7940,

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

76.7810, 77.7940, 65.9380

Protanopia

100.4000, -24.0730, 12.2710

Deuteranopia

101.5560, 10.1780, 2.7700



Tritanopia

86.0670, 87.2910, 31.4750

Trichromacy



Original Color

76.7810, 77.7940, 65.9380

Protanomaly

92.0400, 12.8320, 31.7760

Deuteranomaly

92.3720, 35.0240, 26.0640

Tritanomaly

82.4170, 83.8500, 44.2820

Monochromacy



Original Color

76.7810, 77.7940, 65.9380

Achromatopsia

77.0000, -0.0000, -0.0000

Achromatomaly

77.0830, 28.4680, 23.7320

CSS Examples

Text

The CSS property to change the color of the text to YIQ 76.7810, 77.7940, 65.9380 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(192, 13, 103)` looks like.

```
.text, #text, p{  
    color:rgb(192, 13, 103)  
}
```

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(192, 13, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 13, 103) }
```

Border

The CSS property to change the border of an element to YIQ 76.7810, 77.7940, 65.9380 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(192, 13, 103) }
```


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

```
.border{ border-color:rgb(192, 13, 103) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 13, 103)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 13, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 13, 103);  
box-shadow:4px 4px 4px 4px rgb(192, 13,  
103) }
```

Background

The CSS property to change the background color of an element to YIQ 76.7810, 77.7940, 65.9380 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 13, 103) }
```

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

```
.background{ background-color: rgb(192, 13,  
103) }
```

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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