

Converting Colors

YIQ(84.7690, 113.5990, 83.3510)

Have a look what the booklet for
YIQ(84.7690, 113.5990, 83.3510)
contains.

YIQ(84.7690, 113.5990, 83.3510)	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(84.7690, 113.5990,
83.3510)**

Conversions

Conversions Part 1

Format	Color
Hex	F50065
RGB	245, 0, 101
RGB Percent	96%, 0%, 40%
CMY	0.0386, 0.9998, 0.6035
CMYK	0.00, 1.00, 0.59, 0.04
HSL	335°, 100%, 48%
HSV	335°, 100%, 96%
XYZ	40.0673, 20.3836, 14.1590
YIQ	84.7690, 113.5990, 83.3510

Conversions

Conversions Part 2

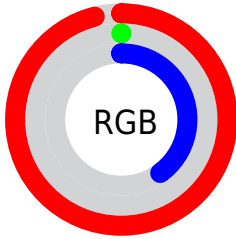
Format	Color
R_{YB}	245, 0, 101
Decimal	16056421
CIE _{Lab}	52.27, 80.65, 16.38
CIE _{LCh}	52, 82.291, 11.480
Yxy	20.3836, 0.5370, 0.2732
Android (android.graphics.Color)	4294246501 (0xFFFF50065)
YUV	84.7690, 8.0019, 140.5226
Hunter-Lab	45.1482, 79.4028, 13.0097

Details

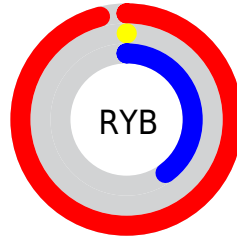
The YIQ color **84.7690, 113.5990, 83.3510** is a dark color, and the websafe version is hex **FF0066**. The color can be described as dark saturated rose. A complement of this color would be **160.2310, -113.5990, -83.3510**, and the grayscale version is **85.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **149.8110, 77.1090, 50.8130**, and **60.3890, 90.2210, 55.4770** is the 20% darker color. If you saturate the color by 10%, you get **84.7690, 113.5990, 83.3510**, and if you desaturate by 10%, it is **101.1540, 101.9090, 74.9410**.

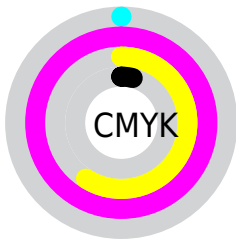
Distribution



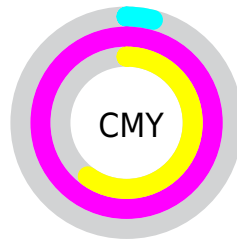
- Red (96%)
- Green (0%)
- Blue (40%)



- Red (96%)
- Yellow (0%)
- Blue (40%)



- Cyan (0%)
- Magenta (100%)
- Yellow (59%)
- Black (4%)





- Cyan (4%)
- Magenta (100%)
- Yellow (60%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 84.7690, 113.5990, 83.3510 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 84.7690, 113.5990, 83.3510 by changing the saturation by 10% instead.


 84.7690, 113.5990,
83.3510


 84.7690, 113.5990,
83.3510


255.0000, -0.0000,
-0.0000


 72.4650, 102.2310,
69.1030


 150.5120, 76.5130,
50.6010


 60.3890, 90.2210,
55.4770


 171.6730, 59.6420,
42.4740


 48.5410, 77.5690,
42.4730


 193.0620, 42.1290,
34.9690

 36.7640, 66.1550,
29.0590

 213.8640, 24.8910,
27.9870

 26.4690, 50.5680,
19.6880

 233.8680, 9.9000,
18.8280

 16.6730, 32.1380,
12.2820

 252.0650, 1.3750,

 3.2890, 6.5560,

2.6150

2.3320

■ 0.0000, 0.0000,
0.0000

■ 84.7690, 113.5990,
83.3510

■ 101.1540,
101.9090, 74.9410

■ 116.8380, 90.8150,
66.7430

■ 133.1090, 79.4460,
58.0220

■ 148.9070, 68.0310,
50.1350

■ 165.1780, 56.6620,
41.4140

■ 180.9760, 45.2470,
33.5270

■ 197.2470, 33.8780,
24.8060

■ 212.9310, 22.7840,
16.6080

■ 229.3160, 11.0940,
8.1980

Harmonies

Analogous

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



109.0750, 68.7590, 81.0070



84.7690, 113.5990, 83.3510



109.5730, 108.9330, 24.7170

Triad

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



84.7690, 113.5990, 83.3510



94.6830, -20.8030, -69.0510



114.1850, -121.7300, 3.4700

Complementary

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



84.7690, 113.5990, 83.3510



160.2310, -113.5990, -83.3510

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.



114.6630, -112.0530, -12.2210



84.7690, 113.5990, 83.3510



97.8880, -66.1960, -55.8600

Square

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



84.7690, 113.5990, 83.3510



114.2830, 39.9420, -41.0660



107.6120, -90.8210, -33.5810



102.4450, -116.2300, 13.9300

Rectangle

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



84.7690, 113.5990, 83.3510



115.2880, 95.4130, -5.6030



107.6120, -90.8210, -33.5810



115.9630, -121.2250, -0.1770

Sweetspot

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



84.7690, 113.5990, 83.3510



205.2580, 35.3450, 25.7530



70.6870, 6.5830, 106.5110



97.9200, 21.3170, 15.6610



0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000

Same Dimension

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



84.7690, 113.5990, 83.3510



88.2150, 118.2750, 86.7150



84.9950, 140.5200, 41.4800



114.1580, 5.5470, 4.0990



64.3920, 86.1390, 63.3790



20.3770, 27.4600, 19.9720

Inverse Universe

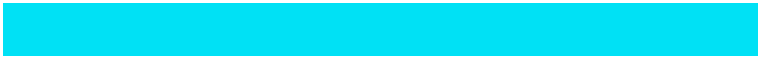
The Inverse Universe completely reimagines the original color for something new.



84.7690, 113.5990, 83.3510



88.2150, 118.2750, 86.7150



160.0050, -140.5200, -41.4800



114.1580, 5.5470, 4.0990



64.3920, 86.1390, 63.3790



20.3770, 27.4600, 19.9720

Previews

White Background



This preview shows how the YIQ color 84.7690, 113.5990, 83.3510 looks on a white background.

Color Contrast Check

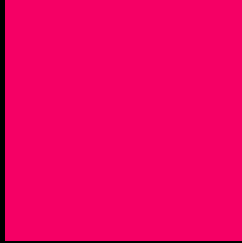
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YIQ color 84.7690, 113.5990, 83.3510 looks on a black 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

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

YIQ 84.7690, 113.5990, 83.3510

Background



This preview shows how black text looks on a background with the YIQ color 84.7690, 113.5990, 83.3510.



This preview shows how white text looks on a background with the YIQ color 84.7690, 113.5990,

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

84.7690, 113.5990, 83.3510

Protanopia

126.6110, -8.8500, 6.2060

Deuteranopia

126.2510, 26.9140, -3.1820



Tritanopia

100.5830, 121.3090, 42.7250

Trichromacy



Original Color

84.7690, 113.5990, 83.3510

Protanomaly

111.7130, 35.8020, 33.9940

Deuteranomaly

111.3440, 58.5900, 28.4940

Tritanomaly

94.6990, 118.6470, 57.9350

Monochromacy



Original Color

84.7690, 113.5990, 83.3510

Achromatopsia

85.0000, -0.0000, 0.0000

Achromatomaly

84.8290, 41.1670, 30.3750

CSS Examples

Text

The CSS property to change the color of the text to YIQ 84.7690, 113.5990, 83.3510 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(245, 0, 101)` looks like.

```
.text, #text, p{  
    color:rgb(245, 0, 101)  
}
```

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(245, 0, 101) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 0, 101) }
```

Border

The CSS property to change the border of an element to YIQ 84.7690, 113.5990, 83.3510 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(245, 0, 101) }
```


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

```
.border{ border-color:rgb(245, 0, 101) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 0, 101)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 0, 101); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 0, 101);  
box-shadow:4px 4px 4px 4px rgb(245, 0,  
101) }
```

Background

The CSS property to change the background color of an element to YIQ 84.7690, 113.5990, 83.3510 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 0, 101) }
```

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

```
.background{ background-color: rgb(245, 0,  
101) }
```

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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