

Converting Colors

YIQ(95.7960, 83.7470, 106.7470)

Have a look what the booklet for
YIQ(95.7960, 83.7470, 106.7470)
contains.

YIQ(95.7960, 83.7470, 106.7470)	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(95.7960, 83.7470,
106.7470)**

Conversions

Conversions Part 1

Format	Color
Hex	F204B9
RGB	242, 4, 185
RGB Percent	95%, 2%, 73%
CMY	0.0503, 0.9845, 0.2743
CMYK	0.00, 0.98, 0.24, 0.05
HSL	314°, 97%, 48%
HSV	314°, 98%, 95%
XYZ	45.4819, 22.4974, 47.8713
YIQ	95.7960, 83.7470, 106.7470

Conversions

Conversions Part 2

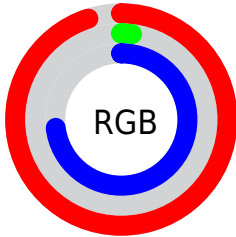
Format	Color
R_{YB}	242, 4, 185
Decimal	15860921
CIE _{Lab}	54.55, 86.99, -30.44
CIE _{LCh}	55, 92.158, 340.713
Yxy	22.4974, 0.3926, 0.1942
Android (android.graphics.Color)	4294051001 (0xFFFF204B9)
YUV	95.7960, 43.9776, 128.2209
Hunter-Lab	47.4314, 88.1581, -26.6379

Details

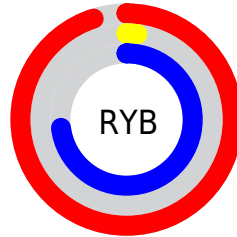
The YIQ color **95.7960, 83.7470, 106.7470** is a dark color, and the websafe version is hex **FF33CC**. The color can be described as middle saturated rose. A complement of this color would be **150.2040, -83.7470, -106.7470**, and the grayscale version is **95.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **162.4190, 47.1190, 76.7110**, and **69.1670, 65.5040, 79.4240** is the 20% darker color. If you saturate the color by 10%, you get **93.3340, 85.1680, 108.5280**, and if you desaturate by 10%, it is **110.5680, 75.2210, 96.0610**.

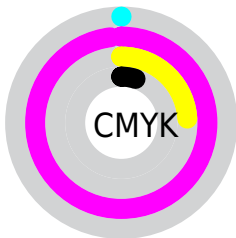
Distribution



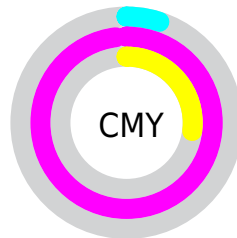
- Red (95%)
- Green (2%)
- Blue (73%)



- Red (95%)
- Yellow (2%)
- Blue (73%)



- Cyan (0%)
- Magenta (98%)
- Yellow (24%)
- Black (5%)





- Cyan (5%)
- Magenta (98%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 95.7960, 83.7470, 106.7470 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 95.7960, 83.7470, 106.7470 by changing the saturation by 10% instead.


 95.7960, 83.7470,
106.7470


 95.7960, 83.7470,
106.7470


255.0000, -0.0000,
-0.0000


 81.1010, 75.0380,
93.8700


 162.4190, 47.1190,
76.7110


 69.1670, 65.5040,
79.4240


 182.7990, 33.8250,
64.3290


 57.2330, 55.9700,
64.9780


 200.9960, 25.3000,
48.1160

 45.4130, 46.1150,
50.8430

 219.1930, 16.7750,
31.9030

 34.1200, 36.2140,
37.5420

 236.8030, 8.5250,
16.2130

 22.9410, 25.9920,
24.5520

 10.7080, 15.8620,

9.8940

■ 0.0000, 0.0000,
0.0000

■ 95.7960, 83.7470,
106.7470

■ 95.7960, 83.7470,
106.7470

■ 93.3340, 85.1680,
108.5280

■ 110.5680, 75.2210,
96.0610

■ 125.3400, 66.6950,
85.3750

■ 140.5850, 58.2150,
73.8550

■ 155.3570, 49.6890,
63.1690

■ 170.1290, 41.1630,
52.4830

■ 184.9010, 32.6370,
41.7970

■ 199.6730, 24.1110,
31.1110

■ 215.0320, 15.3100,
19.9020

■ 229.6900, 7.1050,
8.9050

Harmonies

Analogous

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



130.9960, -9.0900, 65.6460



95.7960, 83.7470, 106.7470



88.3290, 117.9540, 87.0260

Triad

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



95.7960, 83.7470, 106.7470



119.5990, 41.8680, -42.9320



121.7700, -119.6640, -11.9520

Complementary

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



95.7960, 83.7470, 106.7470



150.2040, -83.7470, -106.7470

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.



113.6930, -95.5430, -36.1110



95.7960, 83.7470, 106.7470



91.9150, -36.4360, -77.5880

Square

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



95.7960, 83.7470, 106.7470



122.3100, 89.1790, -13.7730



102.3560, -67.7540, -60.6660



119.4680, -124.2050, -1.2370

Rectangle

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



95.7960, 83.7470, 106.7470



96.6030, 127.7250, 58.6130



102.3560, -67.7540, -60.6660



119.7350, -112.5560, -19.6280

Sweetspot

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



95.7960, 83.7470, 106.7470



208.3360, 26.6780, 34.1500



47.8760, -43.0220, 85.8900



99.6300, 16.5020, 20.3260



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.



95.7960, 83.7470, 106.7470



98.3610, 89.7060, 114.3940



82.3440, 121.6250, 70.0490



112.6140, 4.2630, 5.3430



70.9760, 64.7240, 82.5480



21.6460, 19.5730, 25.2450

Inverse Universe

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



95.7960, 83.7470, 106.7470



98.3610, 89.7060, 114.3940



163.6560, -121.6250, -70.0490



112.6140, 4.2630, 5.3430



70.9760, 64.7240, 82.5480



21.6460, 19.5730, 25.2450

Previews

White Background



This preview shows how the YIQ color 95.7960, 83.7470, 106.7470 looks on a white background.

Color Contrast Check

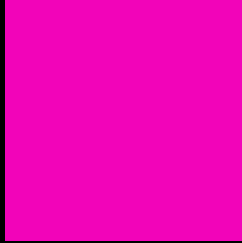
Large Text (above 18pt) WCAG AA ✓ Pass

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 95.7960, 83.7470, 106.7470 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 95.7960, 83.7470, 106.7470

Background



This preview shows how black text looks on a background with the YIQ color 95.7960, 83.7470, 106.7470.



This preview shows how white text looks on a background with the YIQ color 95.7960, 83.7470,

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

95.7960, 83.7470, 106.7470

Protanopia

120.9500, -83.6790, 24.2330

Deuteranopia

132.5100, -18.5710, 11.6770



Tritanopia

121.5950, 94.6720, 35.3760

Trichromacy



Original Color

95.7960, 83.7470, 106.7470



Protanomaly

112.0170, -22.7510, 54.4090



Deuteranomaly

119.1200, 19.0190, 46.3070



Tritanomaly

112.2630, 90.8160, 61.2160

Monochromacy



Original Color

95.7960, 83.7470, 106.7470



Achromatopsia

96.0000, -0.0000, 0.0000



Achromatomaly

96.1240, 30.3910, 38.4470

CSS Examples

Text

The CSS property to change the color of the text to YIQ 95.7960, 83.7470, 106.7470 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(242, 4, 185)` looks like.

```
.text, #text, p{  
    color:rgb(242, 4, 185)  
}
```

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(242, 4, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 4, 185) }
```

Border

The CSS property to change the border of an element to YIQ 95.7960, 83.7470, 106.7470 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(242, 4, 185) }
```


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

```
.border{ border-color:rgb(242, 4, 185) }
```

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

Here you see how a box with a 4 pixel rgb(242, 4, 185) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 4, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 4, 185);  
box-shadow:4px 4px 4px 4px rgb(242, 4,  
185) }
```

Background

The CSS property to change the background color of an element to YIQ 95.7960, 83.7470, 106.7470 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 4, 185) }
```

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

```
.background{ background-color: rgb(242, 4,  
185) }
```

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