

Converting Colors

YIQ(111.0060, 82.3750, 87.5510)

Have a look what the booklet for
YIQ(111.0060, 82.3750, 87.5510)
contains.

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Color

**YIQ(111.0060, 82.3750,
87.5510)**

Conversions

Conversions Part 1

Format	Color
Hex	F420A9
RGB	244, 32, 169
RGB Percent	96%, 13%, 66%
CMY	0.0425, 0.8748, 0.3370
CMYK	0.00, 0.87, 0.31, 0.04
HSL	321°, 91%, 54%
HSV	321°, 87%, 96%
XYZ	45.0413, 23.1549, 39.6593
YIQ	111.0060, 82.3750, 87.5510

Conversions

Conversions Part 2

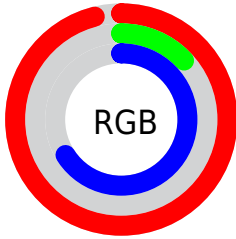
Format	Color
R_{YB}	244, 32, 169
Decimal	15999145
CIE _{Lab}	55.23, 82.78, -20.02
CIE _{LCh}	55, 85.170, 346.406
Yxy	23.1549, 0.4176, 0.2147
Android (android.graphics.Color)	4294189225 (0xFFFF420A9)
YUV	111.0060, 28.5910, 116.6357
Hunter-Lab	48.1196, 82.8717, -15.1820

Details

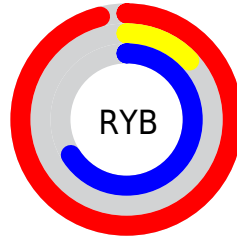
The YIQ color **111.0060, 82.3750, 87.5510** is a light color, and the websafe version is hex **FF0099**. The color can be described as light washed rose. A complement of this color would be **164.9940, -82.3750, -87.5510**, and the grayscale version is **111.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **165.1770, 50.3760, 67.2400**, and **67.7560, 70.9150, 74.9710** is the 20% darker color. If you saturate the color by 10%, you get **95.8920, 91.8640, 97.3040**, and if you desaturate by 10%, it is **126.1200, 72.8860, 77.7980**.

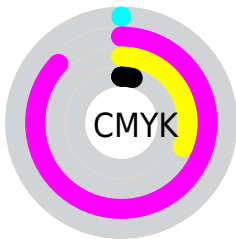
Distribution



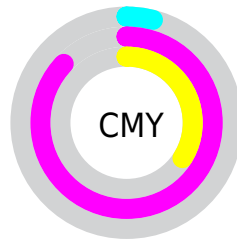
- Red (96%)
- Green (13%)
- Blue (66%)



- Red (96%)
- Yellow (13%)
- Blue (66%)



- Cyan (0%)
- Magenta (87%)
- Yellow (31%)
- Black (4%)





- Cyan (4%)
- Magenta (87%)
- Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 111.0060, 82.3750, 87.5510 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 111.0060, 82.3750, 87.5510 by changing the saturation by 10% instead.


 111.0060, 82.3750,
87.5510


 111.0060, 82.3750,
87.5510


255.0000, -0.0000,
-0.0000


 79.9890, 81.0450,
89.6290


 165.1770, 50.3760,
67.2400


 68.0550, 71.5110,
75.1830


 186.6800, 32.5420,
60.0460


 55.9360, 61.0600,
60.8360


 204.5180, 23.6500,
44.9780

 44.2300, 50.8840,
47.0120

 222.7150, 15.1250,
28.7650

 33.0510, 40.6620,
34.0220

 240.3250, 6.8750,
13.0750

 21.9860, 30.1190,
21.3430

 9.9810, 19.3470,

7.3070

■ 0.0000, 0.0000,
0.0000

■ 111.0060, 82.3750,
87.5510

■ 111.0060, 82.3750,
87.5510

■ 95.8920, 91.8640,
97.3040

■ 126.1200, 72.8860,
77.7980

■ 90.9680, 94.7060,
100.8660

■ 141.7070, 63.4430,
67.2110

■ 156.8210, 53.9540,
57.4580

■ 172.5220, 44.1900,
47.1820

■ 187.5220, 35.0220,
37.1180

■ 202.6360, 25.5330,
27.3650

■ 218.3370, 15.7690,
17.0890

■ 233.3370, 6.6010,
7.0250

■ 249.0380, -3.1630,
-3.2510

Harmonies

Analogous

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



133.7500, 9.1580, 65.3340



111.0060, 82.3750, 87.5510



98.9290, 115.6640, 73.4560

Triad

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



111.0060, 82.3750, 87.5510



119.5440, 34.5330, -47.6670



121.7530, -120.9940, -9.8740

Complementary

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



111.0060, 82.3750, 87.5510



164.9940, -82.3750, -87.5510

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.



115.2890, -100.0370, -31.7570



111.0060, 82.3750, 87.5510



90.9850, -42.6250, -81.0650

Square

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



111.0060, 82.3750, 87.5510



124.8910, 79.8730, -21.3350



105.3370, -74.7700, -54.6580



117.7070, -123.3800, 0.3320

Rectangle

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



111.0060, 82.3750, 87.5510



114.8330, 114.4330, 35.1770



105.3370, -74.7700, -54.6580



120.6470, -115.1240, -17.1400

Sweetspot

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



111.0060, 82.3750, 87.5510



213.6360, 25.5330, 27.3650



78.2940, -23.9480, 81.6200



102.9240, 15.4940, 16.5660



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.



111.0060, 82.3750, 87.5510



95.0550, 99.0150, 105.3750



99.0360, 116.0800, 54.8960



114.5000, 4.5840, 5.0320



69.2940, 72.3360, 76.7520



21.9730, 22.9660, 24.3260

Inverse Universe

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



111.0060, 82.3750, 87.5510



95.0550, 99.0150, 105.3750



176.9640, -116.0800, -54.8960



114.5000, 4.5840, 5.0320



69.2940, 72.3360, 76.7520



21.9730, 22.9660, 24.3260

Previews

White Background



This preview shows how the YIQ color 111.0060, 82.3750, 87.5510 looks on a white background.

Color Contrast Check

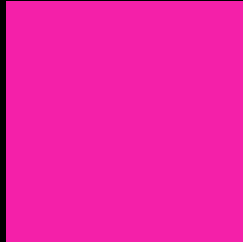
Large Text (above 18pt) WCAG AA ✓ Pass

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 111.0060, 82.3750, 87.5510 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

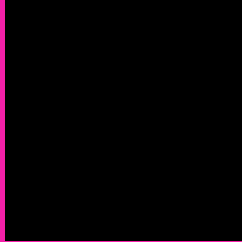
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 111.0060, 82.3750, 87.5510

Background



This preview shows how black text looks on a background with the YIQ color 111.0060, 82.3750, 87.5510.



This preview shows how white text looks on a background with the YIQ color 111.0060, 82.3750,

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

111.0060, 82.3750, 87.5510

Protanopia

127.4440, -61.7630, 23.5250

Deuteranopia

134.0890, -7.2000, 9.3440



Tritanopia

121.9760, 97.9730, 36.1250

Trichromacy



Original Color

111.0060, 82.3750, 87.5510



Protanomaly

121.8040, -9.2700, 46.8740



Deuteranomaly

125.3730, 25.2560, 37.8960



Tritanomaly

117.6450, 92.3760, 54.9680

Monochromacy



Original Color

111.0060, 82.3750, 87.5510



Achromatopsia

111.0000, -0.0000, 0.0000



Achromatomaly

110.7230, 29.8420, 31.8740

CSS Examples

Text

The CSS property to change the color of the text to YIQ 111.0060, 82.3750, 87.5510 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(244, 32, 169)` looks like.

```
.text, #text, p{  
    color:rgb(244, 32, 169)  
}
```

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(244, 32, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 32, 169) }
```

Border

The CSS property to change the border of an element to YIQ 111.0060, 82.3750, 87.5510 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(244, 32, 169) }
```


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

```
.border{ border-color:rgb(244, 32, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 32, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 32, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 32, 169);  
box-shadow:4px 4px 4px 4px rgb(244, 32,  
169) }
```

Background

The CSS property to change the background color of an element to YIQ 111.0060, 82.3750, 87.5510 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 32, 169) }
```

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

```
.background{ background-color: rgb(244, 32,  
169) }
```

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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