

Converting Colors

YIQ(94.3300, 116.2130, 80.0290)

Have a look what the booklet for
YIQ(94.3300, 116.2130, 80.0290)
contains.

YIQ(94.3300, 116.2130, 80.0290)	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(94.3300, 116.2130,
80.0290)**

Conversions

Conversions Part 1

Format	Color
Hex	FF0B66
RGB	255, 11, 102
RGB Percent	100%, 4%, 40%
CMY	0.0000, 0.9570, 0.5996
CMYK	0.00, 0.96, 0.60, 0.00
HSL	338°, 100%, 52%
HSV	338°, 96%, 100%
XYZ	43.7617, 22.4583, 14.6247
YIQ	94.3300, 116.2130, 80.0290

Conversions

Conversions Part 2

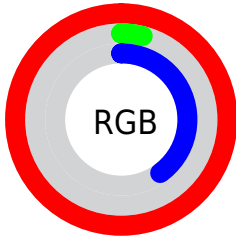
Format	Color
RYB	255, 11, 102
Decimal	16714598
CIELab	54.51, 82.17, 19.14
CIElCh	55, 84.369, 13.115
Yxy	22.4583, 0.5413, 0.2778
Android (android.graphics.Color)	4294904678 (0xFFFF0B66)
YUV	94.3300, 3.7813, 140.9076
Hunter-Lab	47.3902, 81.9002, 14.8761

Details

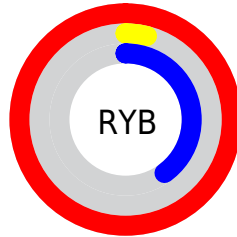
The YIQ color **94.3300, 116.2130, 80.0290** is a dark color, and the websafe version is hex **FF0066**. The color can be described as dark saturated rose. A complement of this color would be **171.6700, -116.2130, -80.0290**, and the grayscale version is **94.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **152.9740, 75.0920, 48.8200**, and **63.1940, 95.2640, 57.6960** is the 20% darker color. If you saturate the color by 10%, you get **87.0750, 121.4850, 83.6050**, and if you desaturate by 10%, it is **110.8290, 104.2020, 71.9300**.

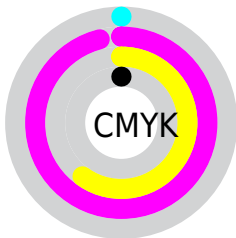
Distribution



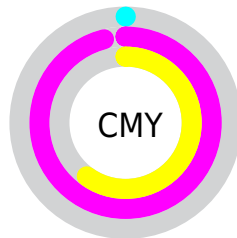
- Red (100%)
- Green (4%)
- Blue (40%)



- Red (100%)
- Yellow (4%)
- Blue (40%)



- Cyan (0%)
- Magenta (96%)
- Yellow (60%)
- Black (0%)





- Cyan (0%)
- Magenta (96%)
- Yellow (60%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 94.3300, 116.2130, 80.0290 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 94.3300, 116.2130, 80.0290 by changing the saturation by 10% instead.


 94.3300, 116.2130,
80.0290


 94.3300, 116.2130,
80.0290


255.0000, -0.0000,
-0.0000


 75.2700, 107.2740,
71.3220


 152.9740, 75.0920,
48.8200


 63.1940, 95.2640,
57.6960


 174.1350, 58.2210,
40.6930

 51.3460, 82.6120,
44.6920


 195.5240, 40.7080,
33.1880

 39.3840, 70.2810,
31.3770

 216.9130, 23.1950,
25.6830

 28.8610, 55.3360,
21.3840

 236.8030, 8.5250,
16.2130

 19.4780, 37.1810,
14.5010

 8.7850, 16.9630,

6.4590

■ 0.0000, 0.0000,
0.0000

■ 94.3300, 116.2130,
80.0290

■ 94.3300, 116.2130,
80.0290

■ 87.0750, 121.4850,
83.6050

■ 110.8290,
104.2020, 71.9300

■ 127.9150, 91.9160,
63.3080

■ 144.4140, 79.9050,
55.2090

■ 161.5000, 67.6190,
46.5870

■ 177.9990, 55.6080,
38.4880

■ 195.0850, 43.3220,
29.8660

■ 211.5840, 31.3110,
21.7670

■ 228.6700, 19.0250,
13.1450

■ 245.1690, 7.0140,
5.0460

Harmonies

Analogous

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



113.1190, 74.6270, 84.7950



94.3300, 116.2130, 80.0290



115.5470, 111.8220, 21.9180

Triad

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



94.3300, 116.2130, 80.0290



95.8020, -28.6880, -74.8320



117.7070, -123.3800, 0.3320

Complementary

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



94.3300, 116.2130, 80.0290



171.6700, -116.2130, -80.0290

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.



119.5530, -117.5550, -11.6270



94.3300, 116.2130, 80.0290



103.0230, -71.0100, -56.7220

Square

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



94.3300, 116.2130, 80.0290



118.9900, 39.2090, -44.3030



112.9750, -96.2770, -33.8210



104.7930, -117.3300, 11.8380

Rectangle

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



94.3300, 116.2130, 80.0290



121.1910, 97.0640, -7.9920



112.9750, -96.2770, -33.8210



120.0550, -124.4800, -1.7600

Sweetspot

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



94.3300, 116.2130, 80.0290



206.3180, 35.1160, 24.3960



83.6660, 11.0760, 107.6840



98.3930, 21.3630, 14.8270



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.



94.3300, 116.2130, 80.0290



87.0750, 121.4850, 83.6050



100.3920, 137.7240, 37.0840



119.4570, 6.1430, 4.3110



65.2030, 91.0450, 62.5730



21.8720, 30.4400, 21.0320

Inverse Universe

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



94.3300, 116.2130, 80.0290



87.0750, 121.4850, 83.6050



165.6080, -137.7240, -37.0840



119.4570, 6.1430, 4.3110



65.2030, 91.0450, 62.5730



21.8720, 30.4400, 21.0320

Previews

White Background



This preview shows how the YIQ color 94.3300, 116.2130, 80.0290 looks on a white background.

Color Contrast Check

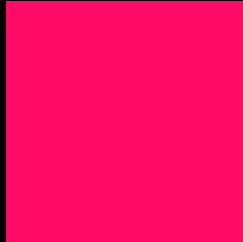
Large Text (above 18pt) WCAG AA ✓ Pass

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 94.3300, 116.2130, 80.0290 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

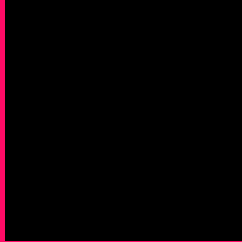
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 94.3300, 116.2130, 80.0290

Background



This preview shows how black text looks on a background with the YIQ color 94.3300, 116.2130, 80.0290.



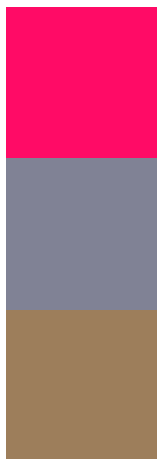
This preview shows how white text looks on a background with the YIQ color 94.3300, 116.2130,

80.0290.

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

94.3300, 116.2130, 80.0290

Protanopia

131.5680, -7.2910, 5.4850

Deuteranopia

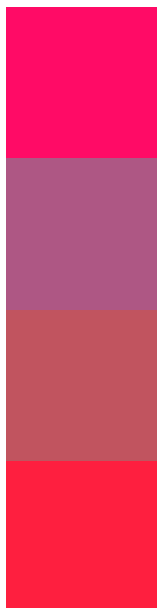
131.2790, 29.7110, -4.3130



Tritanopia

104.8610, 126.3980, 44.1100

Trichromacy



Original Color

94.3300, 116.2130, 80.0290

Protanomaly

118.1430, 37.4070, 32.4390

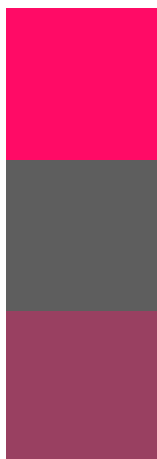
Deuteranomaly

117.8450, 61.4330, 26.5290

Tritanomaly

101.3250, 122.6360, 57.2280

Monochromacy



Original Color

94.3300, 116.2130, 80.0290

Achromatopsia

94.0000, 0.0000, 0.0000

Achromatomaly

94.3730, 42.4510, 29.1310

CSS Examples

Text

The CSS property to change the color of the text to YIQ 94.3300, 116.2130, 80.0290 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(255, 11, 102)` looks like.

```
.text, #text, p{  
    color:rgb(255, 11, 102)  
}
```

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(255, 11, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 11, 102) }
```

Border

The CSS property to change the border of an element to YIQ 94.3300, 116.2130, 80.0290 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(255, 11, 102) }
```


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

```
.border{ border-color:rgb(255, 11, 102) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 11, 102)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 11, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 11, 102);  
box-shadow:4px 4px 4px 4px rgb(255, 11,  
102) }
```

Background

The CSS property to change the background color of an element to YIQ 94.3300, 116.2130, 80.0290 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 11, 102) }
```

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

```
.background{ background-color: rgb(255, 11,  
102) }
```

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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