

Converting Colors

YIQ(95.3390, 111.9940, 84.9060)

Have a look what the booklet for
YIQ(95.3390, 111.9940, 84.9060)
contains.

YIQ(95.3390, 111.9940, 84.9060)	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(95.3390, 111.9940,
84.9060)**

Conversions

Conversions Part 1

Format	Color
Hex	FF0A74
RGB	255, 10, 116
RGB Percent	100%, 4%, 45%
CMY	0.0000, 0.9609, 0.5447
CMYK	0.00, 0.96, 0.54, 0.00
HSL	334°, 100%, 52%
HSV	334°, 96%, 100%
XYZ	44.5052, 22.7380, 18.5944
YIQ	95.3390, 111.9940, 84.9060

Conversions

Conversions Part 2

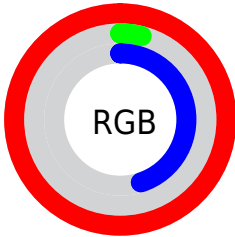
Format	Color
R_{YB}	255, 10, 116
Decimal	16714356
CIE _{Lab}	54.80, 83.09, 11.11
CIE _{LCh}	55, 83.825, 7.616
Yxy	22.7380, 0.5185, 0.2649
Android (android.graphics.Color)	4294904436 (0xFFFF0A74)
YUV	95.3390, 10.1859, 140.0227
Hunter-Lab	47.6843, 83.1517, 10.2591

Details

The YIQ color **95.3390, 111.9940, 84.9060** 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 **169.6610, -111.9940, -84.9060**, and the grayscale version is **95.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **154.6840, 70.2770, 53.4850**, and **64.9750, 91.6870, 61.9510** is the 20% darker color. If you saturate the color by 10%, you get **88.7850, 116.6700, 88.2700**, and if you desaturate by 10%, it is **111.7240, 100.3040, 76.4960**.

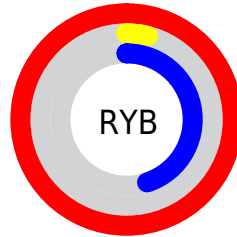
Distribution



Red (100%)

Green (4%)

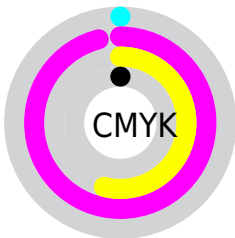
Blue (45%)



Red (100%)

Yellow (4%)

Blue (45%)

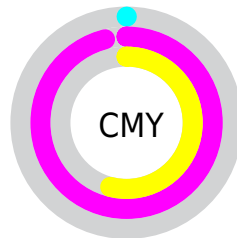


Cyan (0%)

Magenta (96%)

Yellow (54%)

Black (0%)



Cyan (0%)

Magenta (96%)

Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 95.3390, 111.9940, 84.9060 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 95.3390, 111.9940, 84.9060 by changing the saturation by 10% instead.

■ 95.3390, 111.9940,
84.9060

■ 95.3390, 111.9940,
84.9060

255.0000, -0.0000,
-0.0000

■ 77.1650, 103.3760,
75.8880

■ 154.6840, 70.2770,
53.4850

■ 64.9750, 91.6870,
61.9510

■ 176.5460, 52.8100,
45.1460

■ 52.8990, 79.6770,
48.3250

■ 197.9350, 35.2970,
37.6410

■ 41.0510, 67.0250,
35.3210

■ 218.7370, 18.0590,
30.6590

■ 29.4590, 56.5280,
21.8080

■ 237.3900, 8.2500,
15.6900

■ 20.0760, 38.3730,
14.9250

■ 9.3830, 18.1550,

6.8830

■ 0.0000, 0.0000,
0.0000

■ 95.3390, 111.9940,
84.9060

■ 95.3390, 111.9940,
84.9060

■ 88.7850, 116.6700,
88.2700

■ 111.7240,
100.3040, 76.4960

■ 128.5820, 88.6600,
67.2520

■ 144.8530, 77.2910,
58.5310

■ 161.8250, 65.3260,
49.5980

■ 178.0960, 53.9570,
40.8770

■ 195.0680, 41.9920,
31.9440

■ 211.3390, 30.6230,
23.2230

■ 228.3110, 18.6580,
14.2900

■ 244.5820, 7.2890,
5.5690

Harmonies

Analogous

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



120.4270, 61.8360, 79.8200



95.3390, 111.9940, 84.9060



115.0560, 112.1870, 31.8270

Triad

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



95.3390, 111.9940, 84.9060



105.3920, -6.6820, -66.1540



119.4680, -124.2050, -1.2370

Complementary

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



95.3390, 111.9940, 84.9060



169.6610, -111.9940, -84.9060

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.



119.4730, -114.5740, -16.0940



95.3390, 111.9940, 84.9060



100.9540, -66.5620, -60.2420

Square

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



95.3390, 111.9940, 84.9060



121.4150, 48.3780, -39.7660



111.9660, -92.0580, -38.6980



108.3150, -118.9800, 8.7000

Rectangle

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



95.3390, 111.9940, 84.9060



120.3600, 104.0780, -2.9460



111.9660, -92.0580, -38.6980



121.1150, -124.7090, -3.1170

Sweetspot

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



95.3390, 111.9940, 84.9060



206.7740, 33.8320, 25.6400



79.4910, 4.1990, 105.6630



98.6210, 20.7210, 15.4490



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.



95.3390, 111.9940, 84.9060



88.7850, 116.6700, 88.2700



92.6470, 141.6200, 43.5720



119.4570, 6.1430, 4.3110



66.5710, 87.1930, 66.3050



22.3280, 29.1560, 22.2760

Inverse Universe

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



95.3390, 111.9940, 84.9060



88.7850, 116.6700, 88.2700



172.3530, -141.6200, -43.5720



119.4570, 6.1430, 4.3110



66.5710, 87.1930, 66.3050



22.3280, 29.1560, 22.2760

Previews

White Background



This preview shows how the YIQ color 95.3390, 111.9940, 84.9060 looks on a white background.

Color Contrast Check

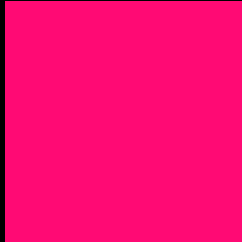
Large Text (above 18pt) WCAG AA ✓ Pass

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 95.3390, 111.9940, 84.9060 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 95.3390, 111.9940, 84.9060

Background



This preview shows how black text looks on a background with the YIQ color 95.3390, 111.9940, 84.9060.



This preview shows how white text looks on a background with the YIQ color 95.3390, 111.9940,

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

95.3390, 111.9940, 84.9060

Protanopia

132.8260, -16.6450, 9.8110

Deuteranopia

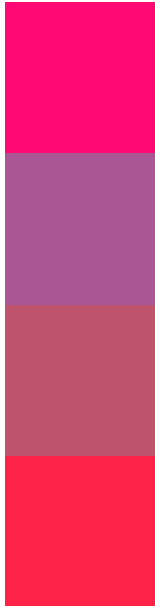
132.5650, 23.1540, -1.1180



Tritanopia

108.1810, 122.5010, 43.1490

Trichromacy



Original Color

95.3390, 111.9940, 84.9060

Protanomaly

119.1840, 30.1620, 37.0900

Deuteranomaly

118.8430, 55.7470, 30.4590

Tritanomaly

103.6990, 118.6470, 57.9350

Monochromacy



Original Color

95.3390, 111.9940, 84.9060

Achromatopsia

95.0000, -0.0000, -0.0000

Achromatomaly

95.0570, 40.5250, 30.9970

CSS Examples

Text

The CSS property to change the color of the text to YIQ 95.3390, 111.9940, 84.9060 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, 10, 116)` looks like.

```
.text, #text, p{  
    color:rgb(255, 10, 116)  
}
```

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, 10, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 10, 116) }
```

Border

The CSS property to change the border of an element to YIQ 95.3390, 111.9940, 84.9060 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, 10, 116) }
```


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

```
.border{ border-color:rgb(255, 10, 116) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 10, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 10, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 10, 116);  
box-shadow:4px 4px 4px 4px rgb(255, 10,  
116) }
```

Background

The CSS property to change the background color of an element to YIQ 95.3390, 111.9940, 84.9060 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 10, 116) }
```

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

```
.background{ background-color: rgb(255, 10,  
116) }
```

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