

Converting Colors

YIQ(94.7410, 21.4040, 41.6280)

Have a look what the booklet for
YIQ(94.7410, 21.4040, 41.6280)
contains.

YIQ(94.7410, 21.4040, 41.6280)	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(94.7410, 21.4040,
41.6280)**

Conversions

Conversions Part 1

Format	Color
Hex	8D3E8E
RGB	141, 62, 142
RGB Percent	55%, 24%, 56%
CMY	0.4468, 0.7570, 0.4431
CMYK	0.01, 0.56, 0.00, 0.44
HSL	299°, 39%, 40%
HSV	299°, 56%, 56%
XYZ	17.5986, 11.0629, 26.8013
YIQ	94.7410, 21.4040, 41.6280

Conversions

Conversions Part 2

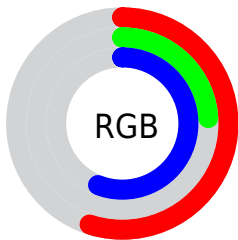
Format	Color
R_{YB}	141, 62, 142
Decimal	9256590
CIE _{Lab}	39.69, 44.95, -29.33
CIE _{LCh}	40, 53.677, 326.877
Yxy	11.0629, 0.3173, 0.1995
Android (android.graphics.Color)	4287446670 (0xFF8D3E8E)
YUV	94.7410, 23.2987, 40.5691
Hunter-Lab	33.2609, 36.2391, -24.4927

Details

The YIQ color **94.7410, 21.4040, 41.6280** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **109.2590, -21.4040, -41.6280**, and the grayscale version is **94.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **148.1650, 23.1460, 43.0980**, and **38.4470, 22.4120, 45.3880** is the 20% darker color. If you saturate the color by 10%, you get **86.5230, 25.2540, 48.9500**, and if you desaturate by 10%, it is **102.9590, 17.5540, 34.3060**.

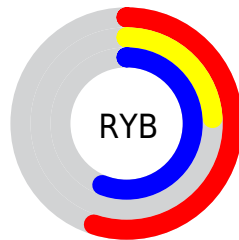
Distribution



Red (55%)

Green (24%)

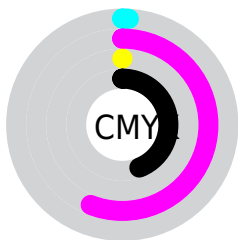
Blue (56%)



Red (55%)

Yellow (24%)

Blue (56%)

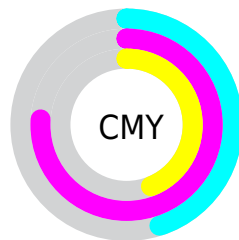


Cyan (1%)

Magenta (56%)

Yellow (0%)

Black (44%)



Cyan (45%)

Magenta (76%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 94.7410, 21.4040, 41.6280 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 94.7410, 21.4040, 41.6280 by changing the saturation by 10% instead.

94.7410, 21.4040,
41.6280

94.7410, 21.4040,
41.6280

255.0000, -0.0000,
-0.0000

68.4420, 20.8080,
41.4160

148.1650, 23.1460,
43.0980

38.4470, 22.4120,
45.3880

174.9910, 23.6960,
44.1440

26.4750, 16.0410,
34.1930

203.7030, 24.5670,
44.8790

17.6880, 10.5870,
22.8990

219.7800, 16.5000,
31.3800

3.2090, -7.6580,
6.6300

236.8030, 8.5250,
16.2130

0.0000, 0.0000,
0.0000

253.8260, 0.5500,

1.0460

■ 94.7410, 21.4040,
41.6280

■ 94.7410, 21.4040,
41.6280

■ 86.5230, 25.2540,
48.9500

■ 102.9590, 17.5540,
34.3060

■ 78.3050, 29.1040,
56.2720

■ 111.1770, 13.7040,
26.9840

■ 69.5000, 33.2290,
64.1170

■ 120.2810, 10.1750,
19.3510

■ 60.9830, 36.4830,
71.2270

■ 128.4990, 6.3250,
12.0290

■ 58.0480, 37.8580,
73.8420

■ 136.7170, 2.4750,
4.7070

■ 144.9350, -1.3750,
-2.6150

■ 153.1530, -5.2250,
-9.9370

■ 161.9580, -9.3500,
-17.7820

■ 170.4750,
-12.6040, -24.8920

Harmonies

Analogous

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



93.1350, -30.0360, 26.7320



94.7410, 21.4040, 41.6280



87.7480, 55.0570, 42.9690

Triad

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



94.7410, 21.4040, 41.6280



87.8130, 44.9820, -22.2660



81.3790, -73.4470, -18.0470

Complementary

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



94.7410, 21.4040, 41.6280



109.2590, -21.4040, -41.6280

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.



76.2490, -59.0020, -32.0420



94.7410, 21.4040, 41.6280



82.2990, 16.6500, -37.4460

Square

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



94.7410, 21.4040, 41.6280



88.5250, 64.1890, -1.4030



69.3580, -43.7320, -44.4680



83.6080, -83.8570, -5.5930

Rectangle

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



94.7410, 21.4040, 41.6280



86.5130, 65.6040, 33.5400



69.3580, -43.7320, -44.4680



79.7830, -68.9530, -22.4010

Sweetspot

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



94.7410, 21.4040, 41.6280



164.9170, 8.2040, 16.5240



71.7070, -25.9550, 24.3570



80.8470, 5.2250, 9.9370



219.0000, 0.0000, -0.0000



92.0000, 0.0000, -0.0000

Same Dimension

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



94.7410, 21.4040, 41.6280



110.0270, 33.1830, 64.9510



90.5940, 34.5190, 29.7110



66.8910, 1.9250, 3.6610



55.4560, 36.5290, 70.3930



3.3040, 2.2000, 4.1840

Inverse Universe

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



86.0340, 47.3590, 17.2710



96.4890, 74.1790, 26.8110



113.4060, -34.5190, -29.7110



66.0930, 4.1720, 1.4840



40.5930, 79.8180, 29.2420



2.3920, 4.7680, 1.6960

Previews

White Background



This preview shows how the YIQ color 94.7410, 21.4040, 41.6280 looks on a white 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

Black Background



This preview shows how the YIQ color 94.7410, 21.4040, 41.6280 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

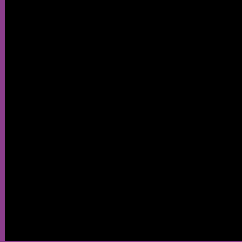
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 94.7410, 21.4040, 41.6280

Background



This preview shows how black text looks on a background with the YIQ color 94.7410, 21.4040, 41.6280.



This preview shows how white text looks on a background with the YIQ color 94.7410, 21.4040,

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

94.7410, 21.4040, 41.6280

Protanopia

90.6120, -44.9810, 16.7390

Deuteranopia

93.2320, -23.6600, 10.2920



Tritanopia

95.3140, 31.7710, 13.4270

Trichromacy



Original Color

94.7410, 21.4040, 41.6280

Protanomaly

91.9850, -20.8660, 25.7420

Deuteranomaly

93.8800, -7.5690, 21.5430

Tritanomaly

95.0830, 28.4680, 23.7320

Monochromacy



Original Color

94.7410, 21.4040, 41.6280

Achromatopsia

95.0000, -0.0000, -0.0000

Achromatomaly

94.9770, 7.9750, 15.1670

CSS Examples

Text

The CSS property to change the color of the text to YIQ 94.7410, 21.4040, 41.6280 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(141, 62, 142)` looks like.

```
.text, #text, p{  
    color:rgb(141, 62, 142)  
}
```

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(141, 62, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 62, 142) }
```

Border

The CSS property to change the border of an element to YIQ 94.7410, 21.4040, 41.6280 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(141, 62, 142) }
```


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

```
.border{ border-color:rgb(141, 62, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(141, 62, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 62, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 62, 142);  
box-shadow:4px 4px 4px 4px rgb(141, 62,  
142) }
```

Background

The CSS property to change the background color of an element to YIQ 94.7410, 21.4040, 41.6280 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 62, 142) }
```

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

```
.background{ background-color: rgb(141, 62,  
142) }
```

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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