

Converting Colors

YIQ(101.7170, 12.7840, 43.6640)

Have a look what the booklet for
YIQ(101.7170, 12.7840, 43.6640)
contains.

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Color

**YIQ(101.7170, 12.7840,
43.6640)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | 8D46A2 |
| RGB | 141, 70, 162 |
| RGB Percent | 55%, 27%, 64% |
| CMY | 0.4468, 0.7256, 0.3647 |
| CMYK | 0.13, 0.57, 0.00, 0.36 |
| HSL | 286°, 40%, 45% |
| HSV | 286°, 57%, 64% |
| XYZ | 19.7037, 12.6528, 35.5837 |
| YIQ | 101.7170, 12.7840, 43.6640 |

Conversions

Conversions Part 2

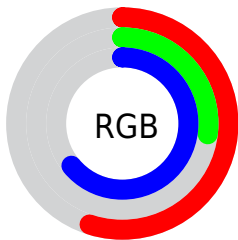
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 141, 70, 162 |
| Decimal | 9258658 |
| CIE _{Lab} | 42.24, 44.90, -37.36 |
| CIE _{LCh} | 42, 58.411, 320.244 |
| Yxy | 12.6528, 0.2900, 0.1862 |
| Android (android.graphics.Color) | 4287448738 (0xFF8D46A2) |
| YUV | 101.7170, 29.7195, 34.4512 |
| Hunter-Lab | 35.5708, 36.6275, -34.4119 |

Details

The YIQ color **101.7170, 12.7840, 43.6640** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **130.2830, -12.7840, -43.6640**, and the grayscale version is **101.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **155.2550, 14.2050, 45.4450**, and **48.8310, 12.4630, 43.9750** is the 20% darker color. If you saturate the color by 10%, you get **91.1290, 14.8000, 51.1840**, and if you desaturate by 10%, it is **112.3050, 10.7680, 36.1440**.

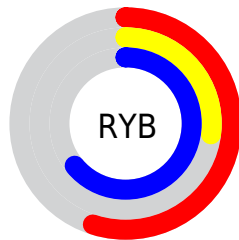
Distribution



Red (55%)

Green (27%)

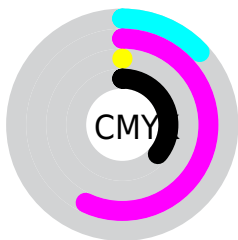
Blue (64%)



Red (55%)

Yellow (27%)

Blue (64%)

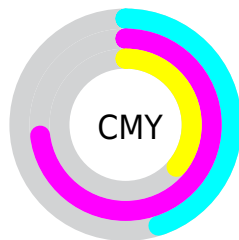


Cyan (13%)

Magenta (57%)

Yellow (0%)

Black (36%)



Cyan (45%)

Magenta (73%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 101.7170, 12.7840, 43.6640 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 101.7170, 12.7840, 43.6640 by changing the saturation by 10% instead.

101.7170, 12.7840,
43.6640

101.7170, 12.7840,
43.6640

255.0000, -0.0000,
-0.0000

75.3040, 12.5090,
43.1410

155.2550, 14.2050,
45.4450

48.8310, 12.4630,
43.9750

182.1950, 14.4340,
46.8020

28.2280, 9.6670,
39.5790

208.6270, 21.7250,
41.3170

18.6150, 3.6630,
27.2390

225.0630, 14.0250,
26.6730

4.4460, -12.5190,
12.1290

241.4990, 6.3250,
12.0290

2.2970, -5.0900,
4.1420

0.0000, 0.0000,

0.0000

■ 101.7170, 12.7840,
43.6640

■ 101.7170, 12.7840,
43.6640

■ 91.1290, 14.8000,
51.1840

■ 112.3050, 10.7680,
36.1440

■ 80.8400, 17.4120,
58.9160

■ 122.5940, 8.1560,
28.4120

■ 69.6650, 19.7030,
66.9590

■ 133.7690, 5.8650,
20.3690

■ 59.0770, 21.7190,
74.4790

■ 144.3570, 3.8490,
12.8490

■ 55.8430, 22.4980,
76.8820

■ 154.6460, 1.2370,
5.1170

■ 165.2340, -0.7790,
-2.4030

■ 175.8220, -2.7950,
-9.9230

■ 186.9970, -5.0860,
-17.9660

■ 197.2860, -7.6980,
-25.6980

Harmonies

Analogous

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



94.5930, -51.9970, 22.7470



101.7170, 12.7840, 43.6640



93.9640, 54.6890, 49.6410

Triad

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



101.7170, 12.7840, 43.6640



94.0700, 54.5640, -19.7080



86.0750, -75.6470, -22.2310

Complementary

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



101.7170, 12.7840, 43.6640



130.2830, -12.7840, -43.6640

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.



79.7880, -59.3220, -37.2580



101.7170, 12.7840, 43.6640



89.7190, 24.2150, -36.8810

Square

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



101.7170, 12.7840, 43.6640



93.7590, 72.5780, 6.2580



75.8120, -33.5070, -48.0590



88.9880, -87.9830, -7.9110

Rectangle

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



101.7170, 12.7840, 43.6640



90.5340, 70.2790, 42.4310



75.8120, -33.5070, -48.0590



84.1370, -70.1900, -27.5180

Sweetspot

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



101.7170, 12.7840, 43.6640



188.1770, 4.5360, 16.9200



92.8150, -35.3070, 17.6290



93.1780, 2.7950, 9.9230



235.0000, 0.0000, -0.0000



107.0000, -0.0000, 0.0000

Same Dimension

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



101.7170, 12.7840, 43.6640



117.6050, 19.9320, 68.3160



105.1460, 33.3250, 40.3410



76.1190, 1.2830, 4.2830



50.0180, 20.2070, 68.8390



6.2380, 2.5660, 8.5660

Inverse Universe

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



99.9020, 48.0910, 26.0350



114.7040, 75.5520, 40.4800



126.8540, -33.3250, -40.3410



75.9190, 4.7220, 2.5300



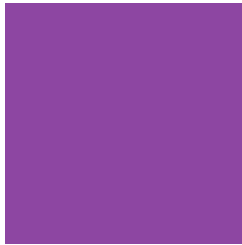
47.1170, 75.8270, 41.0030



5.8380, 9.4440, 5.0600

Previews

White Background



This preview shows how the YIQ color 101.7170, 12.7840, 43.6640 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 101.7170, 12.7840, 43.6640 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

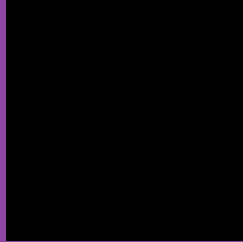
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 101.7170, 12.7840, 43.6640

Background



This preview shows how black text looks on a background with the YIQ color 101.7170, 12.7840, 43.6640.



This preview shows how white text looks on a background with the YIQ color 101.7170, 12.7840,

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

101.7170, 12.7840, 43.6640

Protanopia

93.9190, -56.0310, 18.7610

Deuteranopia

97.4140, -35.8560, 11.0560



Tritanopia

101.6550, 23.3810, 11.2930

Trichromacy



Original Color

101.7170, 12.7840, 43.6640

Protanomaly

96.5910, -31.3200, 27.9760

Deuteranomaly

98.9590, -17.9770, 22.9430

Tritanomaly

101.4780, 19.9860, 23.2660

Monochromacy



Original Color

101.7170, 12.7840, 43.6640

Achromatopsia

102.0000, -0.0000, -0.0000

Achromatomaly

101.6500, 4.5820, 16.0860

CSS Examples

Text

The CSS property to change the color of the text to YIQ 101.7170, 12.7840, 43.6640 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, 70, 162)` looks like.

```
.text, #text, p{  
    color:rgb(141, 70, 162)  
}
```

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, 70, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 70, 162) }
```

Border

The CSS property to change the border of an element to YIQ 101.7170, 12.7840, 43.6640 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, 70, 162) }
```


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

```
.border{ border-color:rgb(141, 70, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(141, 70, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 70, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 70, 162);  
box-shadow:4px 4px 4px 4px rgb(141, 70,  
162) }
```

Background

The CSS property to change the background color of an element to YIQ 101.7170, 12.7840, 43.6640 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 70, 162) }
```

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

```
.background{ background-color: rgb(141, 70,  
162) }
```

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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