

Converting Colors

YIQ(94.1500, 36.6700, 51.3100)

Have a look what the booklet for
YIQ(94.1500, 36.6700, 51.3100)
contains.

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Color

**YIQ(94.1500, 36.6700,
51.3100)**

Conversions

Conversions Part 1

Format	Color
Hex	A1338D
RGB	161, 51, 141
RGB Percent	63%, 20%, 55%
CMY	0.3683, 0.8002, 0.4470
CMYK	0.00, 0.68, 0.12, 0.37
HSL	311°, 52%, 42%
HSV	311°, 68%, 63%
XYZ	20.7053, 11.8728, 26.4072
YIQ	94.1500, 36.6700, 51.3100

Conversions

Conversions Part 2

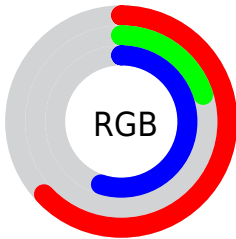
Format	Color
R_{YB}	161, 51, 141
Decimal	10564493
CIE _{Lab}	41.01, 55.10, -26.43
CIE _{LCh}	41, 61.113, 334.379
Yxy	11.8728, 0.3510, 0.2013
Android (android.graphics.Color)	4288754573 (0xFFA1338D)
YUV	94.1500, 23.0971, 58.6275
Hunter-Lab	34.4569, 46.9616, -21.3191

Details

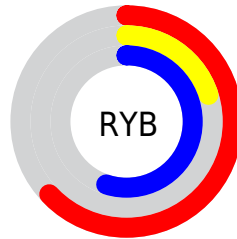
The YIQ color **94.1500, 36.6700, 51.3100** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **117.8500, -36.6700, -51.3100**, and the grayscale version is **94.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **149.6340, 38.1830, 51.4230**, and **41.9540, 34.2860, 50.4620** is the 20% darker color. If you saturate the color by 10%, you get **84.4160, 42.0330, 58.7450**, and if you desaturate by 10%, it is **103.8840, 31.3070, 43.8750**.

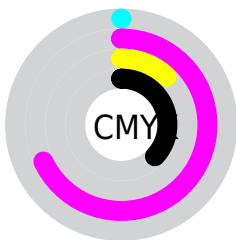
Distribution



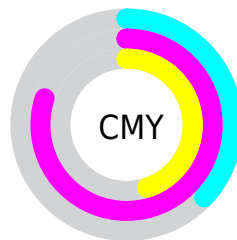
- Red (63%)
- Green (20%)
- Blue (55%)



- Red (63%)
- Yellow (20%)
- Blue (55%)



- Cyan (0%)
- Magenta (68%)
- Yellow (12%)
- Black (37%)



- Cyan (37%)
- Magenta (80%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 94.1500, 36.6700, 51.3100 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 94.1500, 36.6700, 51.3100 by changing the saturation by 10% instead.

■ 94.1500, 36.6700,
51.3100

■ 94.1500, 36.6700,
51.3100

■ 255.0000, -0.0000,
-0.0000

■ 62.8560, 37.6780,
55.0700

■ 149.9330, 38.7790,
51.6350

■ 41.9540, 34.2860,
50.4620

■ 177.6450, 39.6500,
52.3700

■ 31.2590, 25.5770,
37.5850

■ 199.4800, 26.8130,
48.2290

■ 21.4610, 18.6560,
25.3440

■ 216.2580, 18.1500,
34.5180

■ 9.7980, 6.9210,
12.2410

■ 233.2810, 10.1750,
19.3510

■ 0.0000, 0.0000,
0.0000

■ 250.3040, 2.2000,

4.1840

■ 94.1500, 36.6700,
51.3100

■ 94.1500, 36.6700,
51.3100

■ 84.4160, 42.0330,
58.7450

■ 103.8840, 31.3070,
43.8750

■ 74.6820, 47.3960,
66.1800

■ 113.6180, 25.9440,
36.4400

■ 64.9480, 52.7590,
73.6150

■ 123.3520, 20.5810,
29.0050

■ 63.1870, 53.5840,
75.1840

■ 133.0860, 15.2180,
21.5700

■ 143.4070, 9.5800,
13.6120

■ 153.1410, 4.2170,
6.1770

■ 162.8750, -1.1460,
-1.2580

■ 172.4950, -6.1880,
-9.0040

■ 182.2290,
-11.5510, -16.4390

Harmonies

Analogous

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



97.6900, -18.1170, 36.4990



94.1500, 36.6700, 51.3100



84.5760, 70.4610, 50.1490

Triad

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



94.1500, 36.6700, 51.3100



90.1280, 39.4810, -27.1990



86.5940, -81.2420, -14.4420

Complementary

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



94.1500, 36.6700, 51.3100



117.8500, -36.6700, -51.3100

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.



81.0080, -65.5130, -29.6810



94.1500, 36.6700, 51.3100



81.3250, 4.5930, -44.7110

Square

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



94.1500, 36.6700, 51.3100



90.3480, 68.8210, -8.2590



73.7920, -47.9500, -45.1180



87.6490, -91.1020, -0.9420

Rectangle

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



94.1500, 36.6700, 51.3100



85.7980, 77.9830, 34.9670



73.7920, -47.9500, -45.1180



84.8840, -76.4270, -19.1070

Sweetspot

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



94.1500, 36.6700, 51.3100



182.2600, 14.6680, 20.5240



68.9220, -24.5820, 38.0260



88.5810, 9.0300, 12.5660



232.0000, -0.0000, 0.0000



105.0000, 0.0000, 0.0000

Same Dimension

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



94.1500, 36.6700, 51.3100



105.0890, 56.9760, 79.7920



88.1080, 53.6830, 34.8270



76.4890, 3.1170, 4.0850



56.9210, 48.2210, 67.7490



7.0920, 5.9130, 8.4810

Inverse Universe

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



94.1500, 36.6700, 51.3100



105.0890, 56.9760, 79.7920



123.8920, -53.6830, -34.8270



76.4890, 3.1170, 4.0850



56.9210, 48.2210, 67.7490



7.0920, 5.9130, 8.4810

Previews

White Background



This preview shows how the YIQ color 94.1500, 36.6700, 51.3100 looks on a white background.

Color Contrast Check

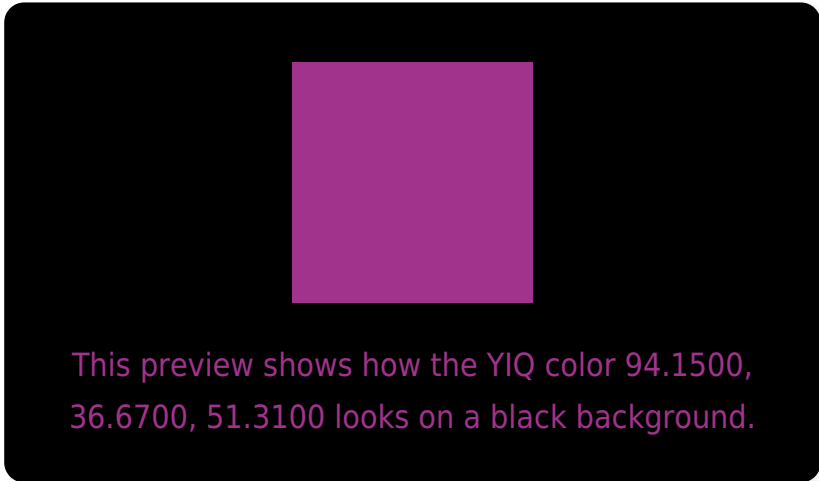
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

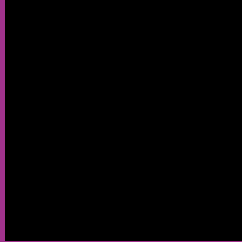
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 94.1500, 36.6700, 51.3100

Background



This preview shows how black text looks on a background with the YIQ color 94.1500, 36.6700, 51.3100.



This preview shows how white text looks on a background with the YIQ color 94.1500, 36.6700,

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

94.1500, 36.6700, 51.3100

Protanopia

92.8010, -49.8870, 17.5450

Deuteranopia

97.3420, -18.1580, 9.6980



Tritanopia

96.5720, 48.7800, 19.0520

Trichromacy



Original Color

94.1500, 36.6700, 51.3100

Protanomaly

93.2890, -18.6660, 29.9260

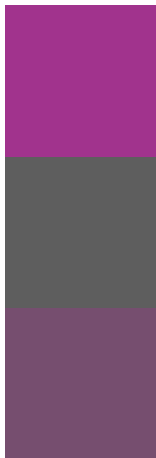
Deuteranomaly

96.3650, 1.3710, 24.7230

Tritanomaly

95.7970, 44.1930, 30.6010

Monochromacy



Original Color

94.1500, 36.6700, 51.3100

Achromatopsia

94.0000, 0.0000, 0.0000

Achromatomaly

93.7220, 13.2470, 18.7430

CSS Examples

Text

The CSS property to change the color of the text to YIQ 94.1500, 36.6700, 51.3100 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(161, 51, 141)` looks like.

```
.text, #text, p{  
    color:rgb(161, 51, 141)  
}
```

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(161, 51, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 51, 141) }
```

Border

The CSS property to change the border of an element to YIQ 94.1500, 36.6700, 51.3100 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(161, 51, 141) }
```


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

```
.border{ border-color:rgb(161, 51, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 51, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 51, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 51, 141);  
box-shadow:4px 4px 4px 4px rgb(161, 51,  
141) }
```

Background

The CSS property to change the background color of an element to YIQ 94.1500, 36.6700, 51.3100 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 51, 141) }
```

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

```
.background{ background-color: rgb(161, 51,  
141) }
```

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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