

Converting Colors

YIQ(97.0280, 39.4690, 39.1250)

Have a look what the booklet for
YIQ(97.0280, 39.4690, 39.1250)
contains.

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Color

**YIQ(97.0280, 39.4690,
39.1250)**

Conversions

Conversions Part 1

Format	Color
Hex	9F3D78
RGB	159, 61, 120
RGB Percent	62%, 24%, 47%
CMY	0.3762, 0.7609, 0.5293
CMYK	0.00, 0.62, 0.25, 0.38
HSL	324°, 45%, 43%
HSV	324°, 62%, 62%
XYZ	19.3702, 12.0678, 19.0867
YIQ	97.0280, 39.4690, 39.1250

Conversions

Conversions Part 2

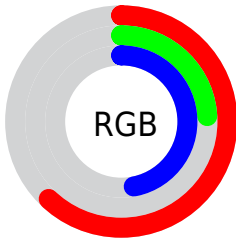
Format	Color
R_{YB}	159, 61, 120
Decimal	10435960
CIE _{Lab}	41.32, 47.15, -13.10
CIE _{LCh}	41, 48.940, 344.477
Yxy	12.0678, 0.3834, 0.2389
Android (android.graphics.Color)	4288626040 (0xFF9F3D78)
YUV	97.0280, 11.3252, 54.3494
Hunter-Lab	34.7388, 38.7378, -8.2589

Details

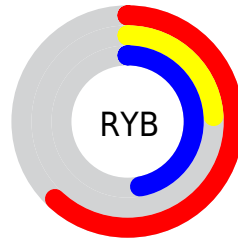
The YIQ color **97.0280, 39.4690, 39.1250** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **122.9720, -39.4690, -39.1250**, and the grayscale version is **97.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **151.1100, 42.1740, 39.6620**, and **39.1900, 39.1930, 44.1290** is the 20% darker color. If you saturate the color by 10%, you get **86.9520, 45.7950, 45.6270**, and if you desaturate by 10%, it is **107.1040, 33.1430, 32.6230**.

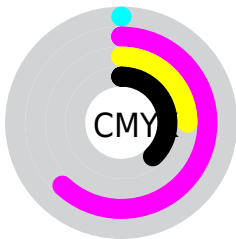
Distribution



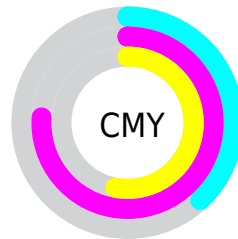
- Red (62%)
- Green (24%)
- Blue (47%)



- Red (62%)
- Yellow (24%)
- Blue (47%)



- Cyan (0%)
- Magenta (62%)
- Yellow (25%)
- Black (38%)



- Cyan (38%)
- Magenta (76%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 97.0280, 39.4690, 39.1250 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 97.0280, 39.4690, 39.1250 by changing the saturation by 10% instead.

■ 97.0280, 39.4690,
39.1250

■ 97.0280, 39.4690,
39.1250

255.0000, -0.0000,
-0.0000

■ 69.3700, 38.5060,
40.0580

■ 151.1100, 42.1740,
39.6620

■ 39.1900, 39.1930,
44.1290

■ 179.1210, 43.6410,
40.6090

■ 28.9080, 30.7590,
31.7750

■ 200.8530, 32.5920,
37.1040

■ 19.3380, 23.1960,
20.1560

■ 220.3670, 16.2250,
30.8570

■ 6.2790, 12.5160,
4.4520

■ 237.3900, 8.2500,
15.6900

■ 0.0000, 0.0000,
0.0000

254.4130, 0.2750,

0.5230

■ 97.0280, 39.4690,
39.1250

■ 97.0280, 39.4690,
39.1250

■ 86.9520, 45.7950,
45.6270

■ 107.1040, 33.1430,
32.6230

■ 76.7620, 52.4420,
51.8180

■ 117.2940, 26.4960,
26.4320

■ 66.6860, 58.7680,
58.3200

■ 127.3700, 20.1700,
19.9300

■ 58.4850, 63.9480,
63.5640

■ 137.4460, 13.8440,
13.4280

■ 147.0490, 7.4720,
7.7600

■ 157.1250, 1.1460,
1.2580

■ 167.2010, -5.1800,
-5.2440

■ 177.3910,
-11.8270, -11.4350

■ 187.4670,
-18.1530, -17.9370

Harmonies

Analogous

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



100.5320, 2.6990, 33.6990



97.0280, 39.4690, 39.1250



93.9960, 59.6900, 30.5860

Triad

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



97.0280, 39.4690, 39.1250



89.7030, 30.3120, -31.7360



84.3600, -80.4630, -12.0390

Complementary

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



97.0280, 39.4690, 39.1250



122.9720, -39.4690, -39.1250

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.



81.3160, -69.1360, -24.5920



97.0280, 39.4690, 39.1250



84.1080, -10.4930, -35.6210

Square

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



97.0280, 39.4690, 39.1250



92.7480, 52.7750, -14.8170



76.0550, -55.7000, -36.8200



83.3460, -85.8750, -2.0590

Rectangle

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



97.0280, 39.4690, 39.1250



93.6460, 63.1310, 17.7790



76.0550, -55.7000, -36.8200



83.6930, -77.2070, -15.9830

Sweetspot

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



97.0280, 39.4690, 39.1250



181.6960, 16.1360, 15.9440



83.5340, -8.8100, 38.5340



89.7720, 9.8100, 9.4420



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.



97.0280, 39.4690, 39.1250



110.2350, 61.6560, 61.0480



91.5560, 54.8770, 24.1970



73.9620, 3.1630, 3.2510



52.5610, 57.6220, 57.0620



5.5110, 6.0510, 5.9790

Inverse Universe

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



97.0280, 39.4690, 39.1250



110.2350, 61.6560, 61.0480



128.4440, -54.8770, -24.1970



73.9620, 3.1630, 3.2510



52.5610, 57.6220, 57.0620



5.5110, 6.0510, 5.9790

Previews

White Background



This preview shows how the YIQ color 97.0280, 39.4690, 39.1250 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

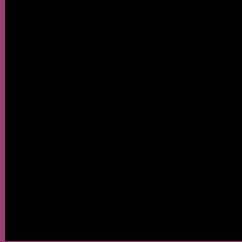
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 97.0280, 39.4690, 39.1250

Background



This preview shows how black text looks on a background with the YIQ color 97.0280, 39.4690, 39.1250.



This preview shows how white text looks on a background with the YIQ color 97.0280, 39.4690,

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

97.0280, 39.4690, 39.1250

Protanopia

97.8020, -25.2650, 11.8470

Deuteranopia

99.3620, -3.7150, 6.7570



Tritanopia

96.6860, 48.4590, 19.3630

Trichromacy



Original Color

97.0280, 39.4690, 39.1250

Protanomaly

97.5170, -2.1130, 21.7830

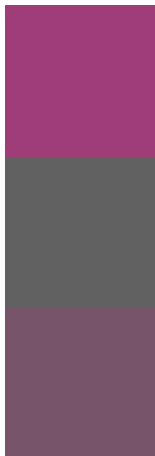
Deuteranomaly

98.2380, 11.7340, 18.6300

Tritanomaly

96.4610, 45.0190, 26.6430

Monochromacy



Original Color

97.0280, 39.4690, 39.1250

Achromatopsia

97.0000, -0.0000, 0.0000

Achromatomaly

97.1580, 14.7150, 14.1630

CSS Examples

Text

The CSS property to change the color of the text to YIQ 97.0280, 39.4690, 39.1250 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(159, 61, 120)` looks like.

```
.text, #text, p{  
    color:rgb(159, 61, 120)  
}
```

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(159, 61, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 61, 120) }
```

Border

The CSS property to change the border of an element to YIQ 97.0280, 39.4690, 39.1250 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(159, 61, 120) }
```


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

```
.border{ border-color:rgb(159, 61, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 61, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 61, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 61, 120);  
box-shadow:4px 4px 4px 4px rgb(159, 61,  
120) }
```

Background

The CSS property to change the background color of an element to YIQ 97.0280, 39.4690, 39.1250 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 61, 120) }
```

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

```
.background{ background-color: rgb(159, 61,  
120) }
```

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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