

Converting Colors

YIQ(95.9950, 35.0680, 36.2840)

Have a look what the booklet for
YIQ(95.9950, 35.0680, 36.2840)
contains.

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Color

**YIQ(95.9950, 35.0680,
36.2840)**

Conversions

Conversions Part 1

Format	Color
Hex	983F77
RGB	152, 63, 119
RGB Percent	60%, 25%, 47%
CMY	0.4037, 0.7531, 0.5332
CMYK	0.00, 0.59, 0.22, 0.40
HSL	322°, 41%, 42%
HSV	322°, 59%, 60%
XYZ	18.0674, 11.5649, 18.7404
YIQ	95.9950, 35.0680, 36.2840

Conversions

Conversions Part 2

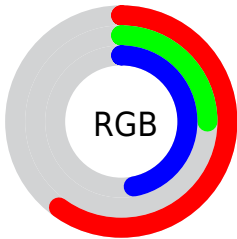
Format	Color
R_{YB}	152, 63, 119
Decimal	9977719
CIE _{Lab}	40.52, 43.89, -13.81
CIE _{LCh}	41, 46.008, 342.533
Yxy	11.5649, 0.3735, 0.2391
Android (android.graphics.Color)	4288167799 (0xFF983F77)
YUV	95.9950, 11.3415, 49.1164
Hunter-Lab	34.0071, 35.3212, -8.8682

Details

The YIQ color **95.9950, 35.0680, 36.2840** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **119.0050, -35.0680, -36.2840**, and the grayscale version is **96.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **149.4900, 38.0480, 37.3440**, and **39.1570, 34.7920, 41.2880** is the 20% darker color. If you saturate the color by 10%, you get **86.5060, 41.1190, 42.2630**, and if you desaturate by 10%, it is **105.4840, 29.0170, 30.3050**.

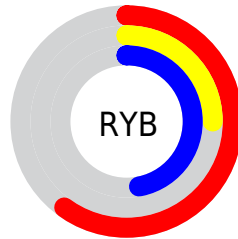
Distribution



Red (60%)

Green (25%)

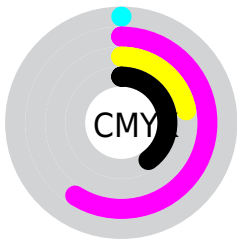
Blue (47%)



Red (60%)

Yellow (25%)

Blue (47%)

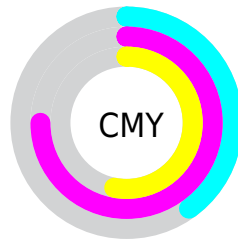


Cyan (0%)

Magenta (59%)

Yellow (22%)

Black (40%)



Cyan (40%)

Magenta (75%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 95.9950, 35.0680, 36.2840 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 95.9950, 35.0680, 36.2840 by changing the saturation by 10% instead.

95.9950, 35.0680,
36.2840

95.9950, 35.0680,
36.2840

255.0000, -0.0000,
-0.0000

69.8100, 34.1510,
36.3830

149.4900, 38.0480,
37.3440

39.1570, 34.7920,
41.2880

177.2020, 38.9190,
38.0790

27.0000, 27.5040,
30.1920

201.3260, 32.6380,
36.2700

18.1420, 20.8120,
19.3080

220.9540, 15.9500,
30.3340

2.3920, 4.7680,
1.6960

237.9770, 7.9750,
15.1670

0.0000, 0.0000,
0.0000

■ 95.9950, 35.0680,
36.2840

■ 95.9950, 35.0680,
36.2840

■ 86.5060, 41.1190,
42.2630

■ 105.4840, 29.0170,
30.3050

■ 77.1310, 46.8490,
48.5530

■ 114.8590, 23.2870,
24.0150

■ 67.0550, 53.1750,
55.0550

■ 124.9350, 16.9610,
17.5130

■ 57.5660, 59.2260,
61.0340

■ 134.4240, 10.9100,
11.5340

■ 56.3920, 59.7760,
62.0800


■ 143.7990, 5.1800,
5.2440

■ 153.2880, -0.8710,
-0.7350

■ 162.6630, -6.6010,
-7.0250

■ 172.7390,

-12.9270, -13.5270

 182.2280,
-18.9780, -19.5060

Harmonies

Analogous

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



97.9830, -0.1890, 30.9710



95.9950, 35.0680, 36.2840



92.6040, 54.9220, 28.8900

Triad

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



95.9950, 35.0680, 36.2840



89.0390, 29.4860, -27.7780



82.3880, -77.6660, -13.1700

Complementary

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



95.9950, 35.0680, 36.2840



119.0050, -35.0680, -36.2840

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.



78.9850, -66.7060, -24.5780



95.9950, 35.0680, 36.2840



83.9560, -7.0090, -32.6810

Square

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



95.9950, 35.0680, 36.2840



91.8880, 49.5650, -11.7070



73.9520, -53.9120, -36.1840



81.2600, -82.7570, -3.5010

Rectangle

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



95.9950, 35.0680, 36.2840



92.4930, 59.1880, 17.6520



73.9520, -53.9120, -36.1840



81.7210, -74.4100, -17.1140

Sweetspot

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



95.9950, 35.0680, 36.2840



176.3860, 14.0730, 14.7850



83.0130, -8.9010, 34.6750



85.7610, 8.3430, 8.4950



227.0000, -0.0000, -0.0000



99.0000, -0.0000, 0.0000

Same Dimension

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



95.9950, 35.0680, 36.2840



111.4790, 54.9170, 56.5250



90.9790, 49.1920, 22.6000



71.9620, 3.1630, 3.2510



51.8920, 55.1920, 57.0480



4.7990, 5.1800, 5.2440

Inverse Universe

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



95.9950, 35.0680, 36.2840



111.4790, 54.9170, 56.5250



124.0210, -49.1920, -22.6000



71.9620, 3.1630, 3.2510



51.8920, 55.1920, 57.0480



4.7990, 5.1800, 5.2440

Previews

White Background



This preview shows how the YIQ color 95.9950, 35.0680, 36.2840 looks on a white background.

Color Contrast Check

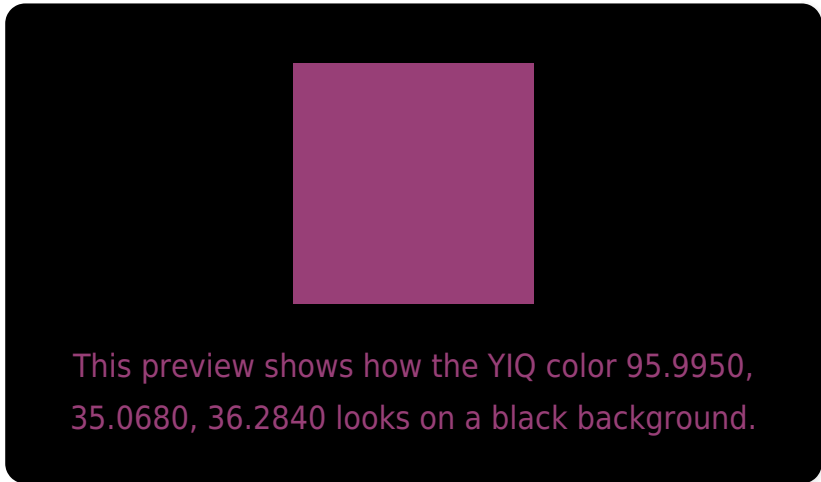
Large Text (above 18pt) WCAG AA ✓ Pass

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

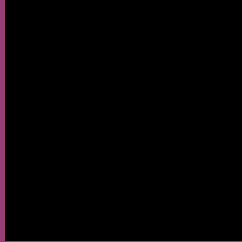
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 95.9950, 35.0680, 36.2840

Background



This preview shows how black text looks on a background with the YIQ color 95.9950, 35.0680, 36.2840.



This preview shows how white text looks on a background with the YIQ color 95.9950, 35.0680,

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

95.9950, 35.0680, 36.2840

Protanopia

95.9870, -24.3480, 11.7480

Deuteranopia

97.1770, -4.6320, 6.8560



Tritanopia

95.9950, 43.0950, 17.4550

Trichromacy



Original Color

95.9950, 35.0680, 36.2840

Protanomaly

95.6910, -2.6630, 20.7370

Deuteranomaly

96.9280, 9.6710, 17.4710

Tritanomaly

95.6560, 39.9760, 24.4240

Monochromacy



Original Color

95.9950, 35.0680, 36.2840

Achromatopsia

96.0000, -0.0000, 0.0000

Achromatomaly

95.8480, 12.6520, 13.0040

CSS Examples

Text

The CSS property to change the color of the text to YIQ 95.9950, 35.0680, 36.2840 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(152, 63, 119)` looks like.

```
.text, #text, p{  
    color:rgb(152, 63, 119)  
}
```

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(152, 63, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 63, 119) }
```

Border

The CSS property to change the border of an element to YIQ 95.9950, 35.0680, 36.2840 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(152, 63, 119) }
```


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

```
.border{ border-color:rgb(152, 63, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 63, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 63, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 63, 119);  
box-shadow:4px 4px 4px 4px rgb(152, 63,  
119) }
```

Background

The CSS property to change the background color of an element to YIQ 95.9950, 35.0680, 36.2840 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 63, 119) }
```

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

```
.background{ background-color: rgb(152, 63,  
119) }
```

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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