

Converting Colors

YIQ(103.1180, 39.6960, 51.5360)

Have a look what the booklet for
YIQ(103.1180, 39.6960, 51.5360)
contains.

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Color

**YIQ(103.1180, 39.6960,
51.5360)**

Conversions

Conversions Part 1

Format	Color
Hex	AD3B93
RGB	173, 59, 147
RGB Percent	68%, 23%, 58%
CMY	0.3212, 0.7688, 0.4234
CMYK	0.00, 0.66, 0.15, 0.32
HSL	314°, 49%, 45%
HSV	314°, 66%, 68%
XYZ	24.0817, 14.1240, 29.0701
YIQ	103.1180, 39.6960, 51.5360

Conversions

Conversions Part 2

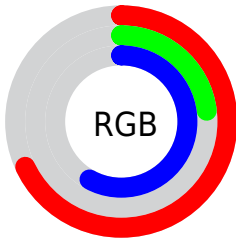
Format	Color
R _{YB}	173, 59, 147
Decimal	11352979
CIE _{Lab}	44.41, 56.00, -24.63
CIE _{LCh}	44, 61.175, 336.261
Yxy	14.1240, 0.3580, 0.2099
Android (android.graphics.Color)	4289543059 (0xFFAD3B93)
YUV	103.1180, 21.6338, 61.2865
Hunter-Lab	37.5820, 48.6106, -19.5541

Details

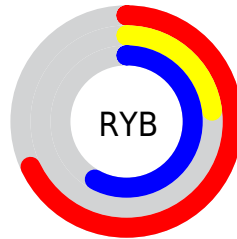
The YIQ color **103.1180, 39.6960, 51.5360** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **128.8820, -39.6960, -51.5360**, and the grayscale version is **103.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **158.9010, 41.8050, 51.8610**, and **45.9270, 38.9160, 54.6600** is the 20% darker color. If you saturate the color by 10%, you get **92.6830, 45.6550, 59.1830**, and if you desaturate by 10%, it is **113.5530, 33.7370, 43.8890**.

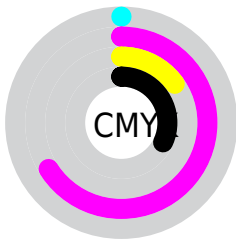
Distribution



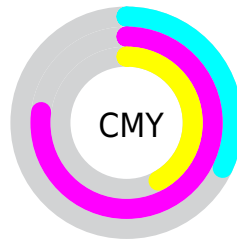
- Red (68%)
- Green (23%)
- Blue (58%)



- Red (68%)
- Yellow (23%)
- Blue (58%)



- Cyan (0%)
- Magenta (66%)
- Yellow (15%)
- Black (32%)



- Cyan (32%)
- Magenta (77%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 103.1180, 39.6960, 51.5360 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 103.1180, 39.6960, 51.5360 by changing the saturation by 10% instead.

103.1180, 39.6960,
51.5360

103.1180, 39.6960,
51.5360

255.0000, -0.0000,
-0.0000

73.5850, 39.8790,
53.7270

158.9010, 41.8050,
51.8610

45.9270, 38.9160,
54.6600

185.7050, 39.4210,
51.0130

35.1180, 30.5280,
41.4720

205.1050, 23.3750,
44.4550

24.7220, 22.4150,
28.8070

221.5410, 15.6750,
29.8110

14.8530, 14.2560,
16.9760

238.5640, 7.7000,
14.6440

0.0000, 0.0000,
0.0000

■ 103.1180, 39.6960,
51.5360

■ 103.1180, 39.6960,
51.5360

■ 92.6830, 45.6550,
59.1830

■ 113.5530, 33.7370,
43.8890

■ 81.6610, 51.8890,
67.3530

■ 124.5750, 27.5030,
35.7190

■ 71.2260, 57.8480,
75.0000

■ 135.0100, 21.5440,
28.0720

■ 67.0030, 60.0940,
78.3500

■ 145.4450, 15.5850,
20.4250

■ 156.4670, 9.3510,
12.2550

■ 166.9020, 3.3920,
4.6080

■ 177.3370, -2.5670,
-3.0390

■ 187.7720, -8.5260,

-10.6860

■ 198.7940,
-14.7600, -18.8560

Harmonies

Analogous

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



107.1960, -13.6700, 38.5060



103.1180, 39.6960, 51.5360



95.4790, 72.1120, 47.7600

Triad

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



103.1180, 39.6960, 51.5360



97.5040, 41.1780, -30.4220



93.2450, -87.5690, -15.4170

Complementary

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



103.1180, 39.6960, 51.5360



128.8820, -39.6960, -51.5360

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.



88.2460, -72.1150, -31.1790



103.1180, 39.6960, 51.5360



88.6900, 4.8230, -48.8810

Square

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



103.1180, 39.6960, 51.5360



98.6100, 70.8390, -11.7930



80.3290, -53.9560, -46.4040



93.5990, -96.8330, -1.7050

Rectangle

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



103.1180, 39.6960, 51.5360



95.9890, 78.7630, 31.8430



80.3290, -53.9560, -46.4040



91.5350, -82.7540, -20.0820

Sweetspot

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



103.1180, 39.6960, 51.5360



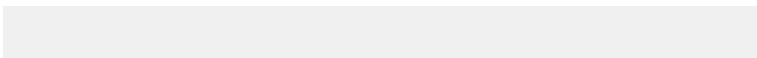
197.0320, 15.3100, 19.9020



79.4710, -21.6940, 40.7540



95.4670, 9.3510, 12.2550



240.0000, -0.0000, -0.0000



112.0000, -0.0000, 0.0000

Same Dimension

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



103.1180, 39.6960, 51.5360



115.5410, 61.5150, 80.1310



96.7340, 57.6720, 34.1200



81.4890, 3.1170, 4.0850



58.0740, 52.1640, 67.8760



8.9290, 7.9300, 10.4740

Inverse Universe

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



103.1180, 39.6960, 51.5360



115.5410, 61.5150, 80.1310



135.2660, -57.6720, -34.1200



81.4890, 3.1170, 4.0850



58.0740, 52.1640, 67.8760



8.9290, 7.9300, 10.4740

Previews

White Background



This preview shows how the YIQ color 103.1180, 39.6960, 51.5360 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 103.1180, 39.6960, 51.5360 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

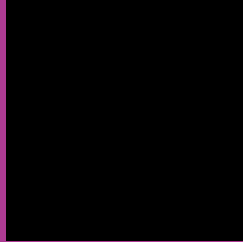
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 103.1180, 39.6960, 51.5360

Background



This preview shows how black text looks on a background with the YIQ color 103.1180, 39.6960, 51.5360.



This preview shows how white text looks on a background with the YIQ color 103.1180, 39.6960,

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

103.1180, 39.6960, 51.5360

Protanopia

102.3670, -45.6690, 18.1950

Deuteranopia

106.0110, -15.7280, 9.7120



Tritanopia

104.4800, 52.0350, 20.6350

Trichromacy



Original Color

103.1180, 39.6960, 51.5360

Protanomaly

102.5560, -15.0440, 30.3640

Deuteranomaly

105.3330, 4.3970, 24.9490

Tritanomaly

103.7050, 47.4480, 32.1840

Monochromacy



Original Color

103.1180, 39.6960, 51.5360

Achromatopsia

103.0000, -0.0000, 0.0000

Achromatomaly

102.9070, 14.1640, 18.6440

CSS Examples

Text

The CSS property to change the color of the text to YIQ 103.1180, 39.6960, 51.5360 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(173, 59, 147)` looks like.

```
.text, #text, p{  
    color:rgb(173, 59, 147)  
}
```

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(173, 59, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 59, 147) }
```

Border

The CSS property to change the border of an element to YIQ 103.1180, 39.6960, 51.5360 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(173, 59, 147) }
```


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

```
.border{ border-color:rgb(173, 59, 147) }
```

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

Here you see how a box with a 4 pixel rgb(173, 59, 147) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 59, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 59, 147);  
box-shadow:4px 4px 4px 4px rgb(173, 59,  
147) }
```

Background

The CSS property to change the background color of an element to YIQ 103.1180, 39.6960, 51.5360 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 59, 147) }
```

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

```
.background{ background-color: rgb(173, 59,  
147) }
```

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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