

Converting Colors

YIQ(84.5580, 52.5360, 39.0960)

Have a look what the booklet for
YIQ(84.5580, 52.5360, 39.0960)
contains.

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Color

**YIQ(84.5580, 52.5360,
39.0960)**

Conversions

Conversions Part 1

Format	Color
Hex	9F2D5D
RGB	159, 45, 93
RGB Percent	62%, 18%, 36%
CMY	0.3762, 0.8237, 0.6351
CMYK	0.00, 0.72, 0.42, 0.38
HSL	335°, 56%, 40%
HSV	335°, 72%, 62%
XYZ	17.2276, 10.0430, 11.3966
YIQ	84.5580, 52.5360, 39.0960

Conversions

Conversions Part 2

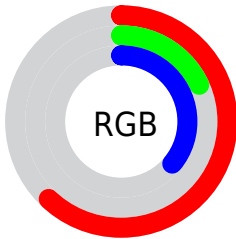
Format	Color
R_{YB}	159, 45, 93
Decimal	10431837
CIE Lab	37.92, 50.55, -1.29
CIE LCh	38, 50.569, 358.539
Yxy	10.0430, 0.4455, 0.2597
Android (android.graphics.Color)	4288621917 (0xFF9F2D5D)
YUV	84.5580, 4.1619, 65.2856
Hunter-Lab	31.6907, 41.5769, 0.8617

Details

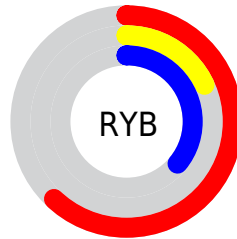
The YIQ color **84.5580, 52.5360, 39.0960** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **119.4420, -52.5360, -39.0960**, and the grayscale version is **84.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **139.8850, 55.9290, 38.1770**, and **36.1550, 46.3010, 36.4530** is the 20% darker color. If you saturate the color by 10%, you get **74.1400, 59.8250, 44.6650**, and if you desaturate by 10%, it is **94.9760, 45.2470, 33.5270**.

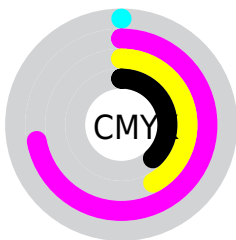
Distribution



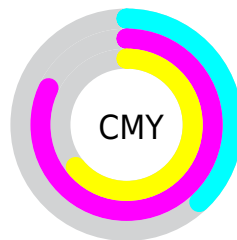
- Red (62%)
- Green (18%)
- Blue (36%)



- Red (62%)
- Yellow (18%)
- Blue (36%)



- Cyan (0%)
- Magenta (72%)
- Yellow (42%)
- Black (38%)



- Cyan (38%)
- Magenta (82%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 84.5580, 52.5360, 39.0960 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 84.5580, 52.5360, 39.0960 by changing the saturation by 10% instead.

84.5580, 52.5360,
39.0960

84.5580, 52.5360,
39.0960

255.0000, -0.0000,
-0.0000

52.4320, 53.1310,
44.8350

139.8850, 55.9290,
38.1770

36.1550, 46.3010,
36.4530

167.7820, 57.7170,
38.8130

25.5030, 36.0330,
24.2970

189.1010, 46.3930,
34.7850

15.4770, 29.7540,
11.4340

208.7290, 29.7050,
28.8490

0.0000, 0.0000,
0.0000

228.9440, 12.7420,
22.3900

246.1950, 4.1250,

7.8450

■ 84.5580, 52.5360,
39.0960

■ 84.5580, 52.5360,
39.0960

■ 74.1400, 59.8250,
44.6650

■ 94.9760, 45.2470,
33.5270

■ 63.7220, 67.1140,
50.2340

■ 105.3940, 37.9580,
27.9580

■ 55.1790, 73.2570,
54.5450

■ 115.9260, 30.3480,
22.7000

■ 126.3440, 23.0590,
17.1310

■ 136.1750, 16.0450,
12.0850

■ 146.5930, 8.7560,
6.5160

■ 157.0110, 1.4670,
0.9470

■ 167.5430, -6.1430,
-4.3110

■ 177.9610,
-13.4320, -9.8800

Harmonies

Analogous

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



90.4590, 22.1380, 39.3380



84.5580, 52.5360, 39.0960



84.1070, 63.4510, 22.9950

Triad

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



84.5580, 52.5360, 39.0960



78.4560, 14.7700, -36.4140



79.1740, -79.6390, -4.9430

Complementary

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



84.5580, 52.5360, 39.0960



119.4420, -52.5360, -39.0960

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.



77.8740, -70.4670, -16.9870



84.5580, 52.5360, 39.0960



66.6510, -42.9990, -41.2310

Square

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



84.5580, 52.5360, 39.0960



83.9590, 41.6350, -22.1810



72.6130, -57.0310, -29.2150



75.3730, -81.3370, 3.8070

Rectangle

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



84.5580, 52.5360, 39.0960



85.0120, 61.6200, 6.6120



72.6130, -57.0310, -29.2150



79.3220, -77.3000, -8.7880

Sweetspot

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



84.5580, 52.5360, 39.0960



176.9200, 21.3170, 15.6610



77.4310, 2.1460, 49.2340



86.7400, 12.8360, 9.6680



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.



84.5580, 52.5360, 39.0960



90.7720, 82.0130, 61.0610



83.7820, 65.7440, 19.9840



73.7340, 3.8050, 2.6290



49.5970, 65.9680, 48.9760



5.1690, 7.0140, 5.0460

Inverse Universe

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



84.5580, 52.5360, 39.0960



90.7720, 82.0130, 61.0610



120.2180, -65.7440, -19.9840



73.7340, 3.8050, 2.6290



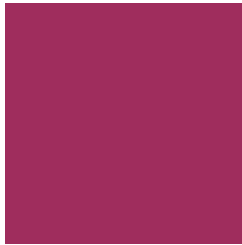
49.5970, 65.9680, 48.9760



5.1690, 7.0140, 5.0460

Previews

White Background



This preview shows how the YIQ color 84.5580, 52.5360, 39.0960 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 84.5580, 52.5360, 39.0960 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

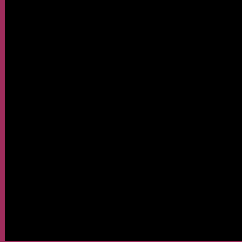
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 84.5580, 52.5360, 39.0960

Background



This preview shows how black text looks on a background with the YIQ color 84.5580, 52.5360, 39.0960.



This preview shows how white text looks on a background with the YIQ color 84.5580, 52.5360,

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

84.5580, 52.5360, 39.0960

Protanopia

90.4410, -14.1230, 8.1570

Deuteranopia

90.8870, 7.7480, 2.7560



Tritanopia

85.1390, 60.4250, 22.7690

Trichromacy



Original Color

84.5580, 52.5360, 39.0960

Protanomaly

88.2810, 10.1750, 19.3510

Deuteranomaly

88.5890, 23.7470, 15.6750

Tritanomaly

85.1590, 57.6730, 28.5930

Monochromacy



Original Color

84.5580, 52.5360, 39.0960

Achromatopsia

85.0000, -0.0000, 0.0000

Achromatomaly

84.6100, 19.2540, 14.5020

CSS Examples

Text

The CSS property to change the color of the text to YIQ 84.5580, 52.5360, 39.0960 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, 45, 93)` looks like.

```
.text, #text, p{  
    color:rgb(159, 45, 93)  
}
```

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, 45, 93) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 45, 93) }
```

Border

The CSS property to change the border of an element to YIQ 84.5580, 52.5360, 39.0960 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, 45, 93) }
```


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

```
.border{ border-color:rgb(159, 45, 93) }
```

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

Here you see how a box with a 4 pixel rgb(159, 45, 93) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 45, 93); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 45, 93);  
box-shadow:4px 4px 4px 4px rgb(159, 45,  
93) }
```

Background

The CSS property to change the background color of an element to YIQ 84.5580, 52.5360, 39.0960 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 45, 93) }
```

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

```
.background{ background-color: rgb(159, 45,  
93) }
```

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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