

Converting Colors

YIQ(80.3680, 50.0150, 35.2230)

Have a look what the booklet for
YIQ(80.3680, 50.0150, 35.2230)
contains.

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Color

**YIQ(80.3680, 50.0150,
35.2230)**

Conversions

Conversions Part 1

Format	Color
Hex	962C55
RGB	150, 44, 85
RGB Percent	59%, 17%, 33%
CMY	0.4115, 0.8276, 0.6665
CMYK	0.00, 0.71, 0.43, 0.41
HSL	337°, 55%, 38%
HSV	337°, 71%, 59%
XYZ	15.1311, 8.9454, 9.5323
YIQ	80.3680, 50.0150, 35.2230

Conversions

Conversions Part 2

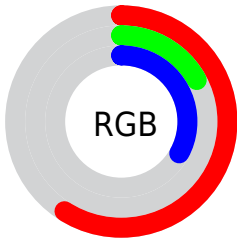
Format	Color
R_{YB}	150, 44, 85
Decimal	9841749
CIE _{Lab}	35.88, 47.37, 0.64
CIE _{LCh}	36, 47.375, 0.774
Yxy	8.9454, 0.4502, 0.2662
Android (android.graphics.Color)	4288031829 (0xFF962C55)
YUV	80.3680, 2.2836, 61.0673
Hunter-Lab	29.9088, 37.9644, 2.0397

Details

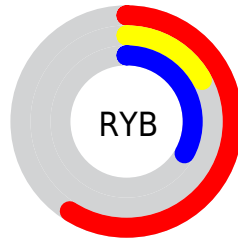
The YIQ color **80.3680, 50.0150, 35.2230** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **113.6320, -50.0150, -35.2230**, and the grayscale version is **80.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **134.9940, 54.0040, 34.5160**, and **32.6660, 43.1840, 32.3680** is the 20% darker color. If you saturate the color by 10%, you get **70.5370, 57.0290, 40.2690**, and if you desaturate by 10%, it is **90.1990, 43.0010, 30.1770**.

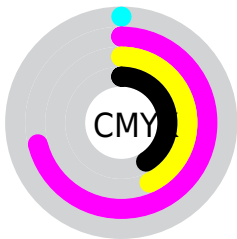
Distribution



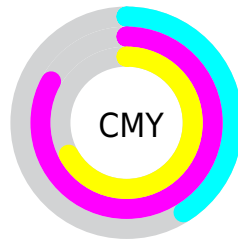
- Red (59%)
- Green (17%)
- Blue (33%)



- Red (59%)
- Yellow (17%)
- Blue (33%)



- Cyan (0%)
- Magenta (71%)
- Yellow (43%)
- Black (41%)



- Cyan (41%)
- Magenta (83%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 80.3680, 50.0150, 35.2230 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 80.3680, 50.0150, 35.2230 by changing the saturation by 10% instead.

80.3680, 50.0150,
35.2230

80.3680, 50.0150,
35.2230

255.0000, -0.0000,
-0.0000

49.4160, 50.0600,
39.9160

135.1080, 53.6830,
34.8270

32.6660, 43.1840,
32.3680

162.3040, 56.0670,
35.6750

22.3130, 33.5120,
20.4240

186.9010, 49.8320,
33.0320

12.6720, 24.7110,
9.2150

205.8280, 33.7400,
27.3080

0.0000, 0.0000,
0.0000

226.1570, 16.4560,
21.1600

244.4340, 4.9500,

9.4140

■ 80.3680, 50.0150,
35.2230

■ 80.3680, 50.0150,
35.2230

■ 70.5370, 57.0290,
40.2690

■ 90.1990, 43.0010,
30.1770

■ 60.7060, 64.0430,
45.3150

■ 100.0300, 35.9870,
25.1310

■ 51.4620, 70.7820,
49.8380

■ 109.9750, 28.6520,
20.3960

■ 119.8060, 21.6380,
15.3500

■ 129.6370, 14.6240,
10.3040

■ 139.4680, 7.6100,
5.2580

■ 149.2990, 0.5960,
0.2120

■ 159.2440, -6.7390,
-4.5230

■ 169.0750,
-13.7530, -9.5690

Harmonies

Analogous

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



85.0630, 23.1930, 36.7370



80.3680, 50.0150, 35.2230



79.9600, 59.3710, 19.8430

Triad

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



80.3680, 50.0150, 35.2230



74.1120, 10.0470, -33.4170



74.6260, -75.1000, -4.6040

Complementary

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



80.3680, 50.0150, 35.2230



113.6320, -50.0150, -35.2230

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.



73.1950, -66.9370, -14.8810



80.3680, 50.0150, 35.2230



63.2430, -41.6700, -37.7820

Square

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



80.3680, 50.0150, 35.2230



78.9200, 37.3710, -21.9970



69.4500, -55.0140, -27.2220



70.5970, -76.1560, 3.5240

Rectangle

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



80.3680, 50.0150, 35.2230



80.5060, 57.1730, 4.6050



69.4500, -55.0140, -27.2220



74.4150, -73.1280, -7.3040

Sweetspot

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



80.3680, 50.0150, 35.2230



169.0830, 19.3000, 13.6680



75.2200, 4.1180, 46.5340



83.2020, 11.4150, 7.8870



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.



80.3680, 50.0150, 35.2230



86.3430, 78.6670, 55.6190



82.1510, 60.1510, 16.7190



69.3210, 3.5300, 2.1060



47.3040, 65.2350, 45.7390



3.4460, 4.6760, 3.3640

Inverse Universe

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



80.3680, 50.0150, 35.2230



86.3430, 78.6670, 55.6190



111.8490, -60.1510, -16.7190



69.3210, 3.5300, 2.1060



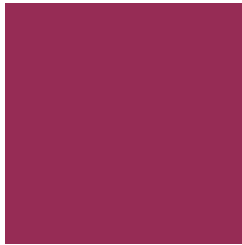
47.3040, 65.2350, 45.7390



3.4460, 4.6760, 3.3640

Previews

White Background



This preview shows how the YIQ color 80.3680, 50.0150, 35.2230 looks on a white background.

Color Contrast Check

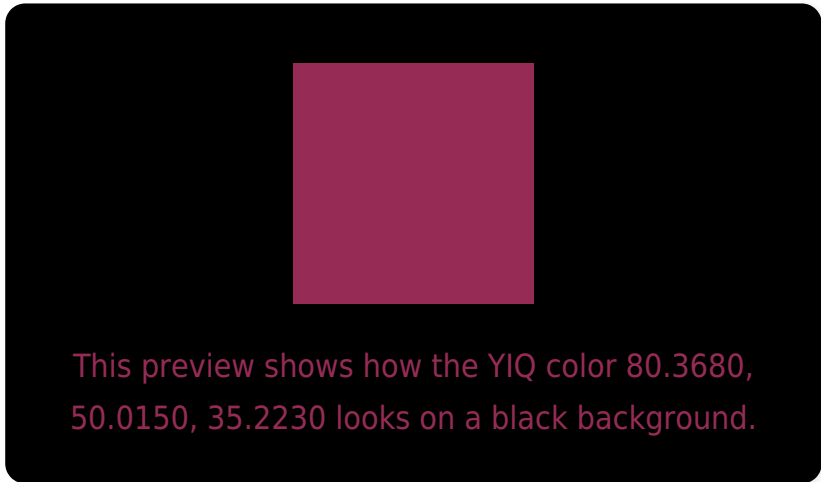
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

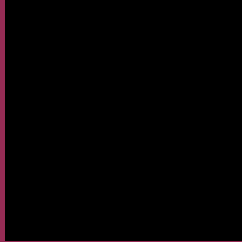
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 80.3680, 50.0150, 35.2230

Background



This preview shows how black text looks on a background with the YIQ color 80.3680, 50.0150, 35.2230.

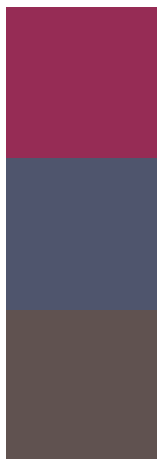


This preview shows how white text looks on a background with the YIQ color 80.3680, 50.0150,

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

80.3680, 50.0150, 35.2230

Protanopia

85.9420, -11.2800, 6.1920

Deuteranopia

85.9580, 8.9860, 2.3460



Tritanopia

80.3450, 56.8490, 21.4970

Trichromacy



Original Color

80.3680, 50.0150, 35.2230

Protanomaly

83.8850, 11.2300, 16.7500

Deuteranomaly

83.9480, 24.1140, 14.5300

Tritanomaly

80.1370, 54.7390, 26.6990

Monochromacy



Original Color

80.3680, 50.0150, 35.2230

Achromatopsia

80.0000, 0.0000, -0.0000

Achromatomaly

80.0720, 17.8330, 12.7210

CSS Examples

Text

The CSS property to change the color of the text to YIQ 80.3680, 50.0150, 35.2230 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(150, 44, 85)` looks like.

```
.text, #text, p{  
    color:rgb(150, 44, 85)  
}
```

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(150, 44, 85) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 44, 85) }
```

Border

The CSS property to change the border of an element to YIQ 80.3680, 50.0150, 35.2230 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(150, 44, 85) }
```


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

```
.border{ border-color:rgb(150, 44, 85) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 44, 85)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 44, 85); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 44, 85);  
box-shadow:4px 4px 4px 4px rgb(150, 44,  
85) }
```

Background

The CSS property to change the background color of an element to YIQ 80.3680, 50.0150, 35.2230 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 44, 85) }
```

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

```
.background{ background-color: rgb(150, 44,  
85) }
```

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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