

Converting Colors

YIQ(99.5680, 63.7710, 28.2110)

Have a look what the booklet for
YIQ(99.5680, 63.7710, 28.2110)
contains.

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Color

**YIQ(99.5680, 63.7710,
28.2110)**

Conversions

Conversions Part 1

Format	Color
Hex	B2404D
RGB	178, 64, 77
RGB Percent	70%, 25%, 30%
CMY	0.3017, 0.7492, 0.6978
CMYK	0.00, 0.64, 0.57, 0.30
HSL	353°, 47%, 47%
HSV	353°, 64%, 70%
XYZ	21.5489, 13.6715, 8.5358
YIQ	99.5680, 63.7710, 28.2110

Conversions

Conversions Part 2

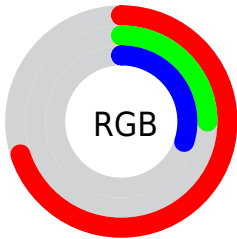
Format	Color
RYB	178, 64, 77
Decimal	11681869
CIELab	43.76, 47.30, 17.43
CIELCh	44, 50.415, 20.232
Yxy	13.6715, 0.4925, 0.3124
Android (android.graphics.Color)	4289871949 (0xFFB2404D)
YUV	99.5680, -11.1260, 68.7849
Hunter-Lab	36.9750, 39.3229, 12.1952

Details

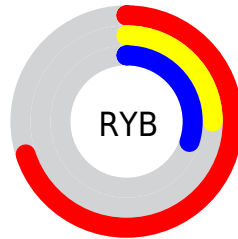
The YIQ color **99.5680, 63.7710, 28.2110** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **142.4320, -63.7710, -28.2110**, and the grayscale version is **100.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **154.2050, 69.2270, 28.4510**, and **39.6420, 60.9270, 35.7030** is the 20% darker color. If you saturate the color by 10%, you get **87.1780, 73.8570, 32.6490**, and if you desaturate by 10%, it is **111.9580, 53.6850, 23.7730**.

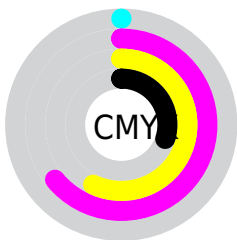
Distribution



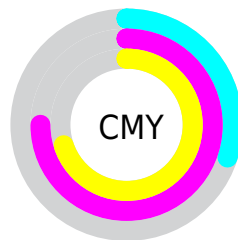
- Red (70%)
- Green (25%)
- Blue (30%)



- Red (70%)
- Yellow (25%)
- Blue (30%)



- Cyan (0%)
- Magenta (64%)
- Yellow (57%)
- Black (30%)



- Cyan (30%)
- Magenta (75%)
- Yellow (70%)
- Black (0%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 99.5680, 63.7710, 28.2110 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 99.5680, 63.7710, 28.2110 by changing the saturation by 10% instead.

■ 99.5680, 63.7710,
28.2110

■ 99.5680, 63.7710,
28.2110

■ 255.0000, -0.0000,
-0.0000

■ 71.8390, 61.5700,
29.5540

■ 154.2050, 69.2270,
28.4510

■ 39.6420, 60.9270,
35.7030

■ 178.1010, 63.5880,
26.0200

■ 28.4630, 50.7050,
22.7130

■ 197.5010, 47.5420,
19.4620

■ 19.1360, 38.1440,
13.5680

■ 217.1290, 30.8540,
13.5260

■ 10.2800, 19.9430,
7.5190

■ 237.3440, 13.8910,
7.0670

■ 0.0000, 0.0000,
0.0000

■ 99.5680, 63.7710,
28.2110

■ 99.5680, 63.7710,
28.2110

■ 87.1780, 73.8570,
32.6490

■ 111.9580, 53.6850,
23.7730

■ 74.9020, 83.6220,
37.3980

■ 124.3480, 43.5990,
19.3350

■ 63.0990, 93.4330,
41.3130

■ 136.0370, 34.1090,
15.1090

■ 55.5020, 99.6680,
43.9560

■ 148.4270, 24.0230,
10.6710

■ 160.8170, 13.9370,
6.2330

■ 173.2070, 3.8510,
1.7950

■ 185.4830, -5.9140,
-2.9540

■ 197.2860,

-15.7250, -6.8690

■ 209.6760,
-25.8110, -11.3070

Harmonies

Analogous

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



102.5620, 46.7130, 40.0010



99.5680, 63.7710, 28.2110



99.8550, 63.5000, 5.5800

Triad

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



99.5680, 63.7710, 28.2110



87.3670, -21.5880, -38.2920



86.9480, -90.5060, -0.7300

Complementary

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



99.5680, 63.7710, 28.2110



142.4320, -63.7710, -28.2110

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.



89.4780, -86.6070, -10.8230



99.5680, 63.7710, 28.2110



81.6460, -61.7980, -36.4380

Square

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



99.5680, 63.7710, 28.2110



94.5990, 24.6730, -34.1670



87.1350, -75.8760, -23.5880



100.9980, -40.0760, 21.4600

Rectangle

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



99.5680, 63.7710, 28.2110



99.0090, 56.5340, -11.3540



87.1350, -75.8760, -23.5880



88.8400, -90.3220, -4.0660

Sweetspot

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



99.5680, 63.7710, 28.2110



201.7260, 24.6190, 10.8830



107.1950, 23.6020, 56.8660



98.4150, 15.1290, 6.6570



245.0000, -0.0000, 0.0000



117.0000, -0.0000, 0.0000

Same Dimension

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



99.5680, 63.7710, 28.2110



108.9150, 99.9430, 44.4790



123.9140, 55.8440, 1.1560



82.8050, 5.0430, 2.2190



47.7990, 85.4100, 38.0340



8.1160, 14.5330, 6.4450

Inverse Universe

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



99.5680, 63.7710, 28.2110



108.9150, 99.9430, 44.4790



118.0860, -55.8440, -1.1560



82.8050, 5.0430, 2.2190



47.7990, 85.4100, 38.0340



8.1160, 14.5330, 6.4450

Previews

White Background



This preview shows how the YIQ color 99.5680, 63.7710, 28.2110 looks on a white background.

Color Contrast Check

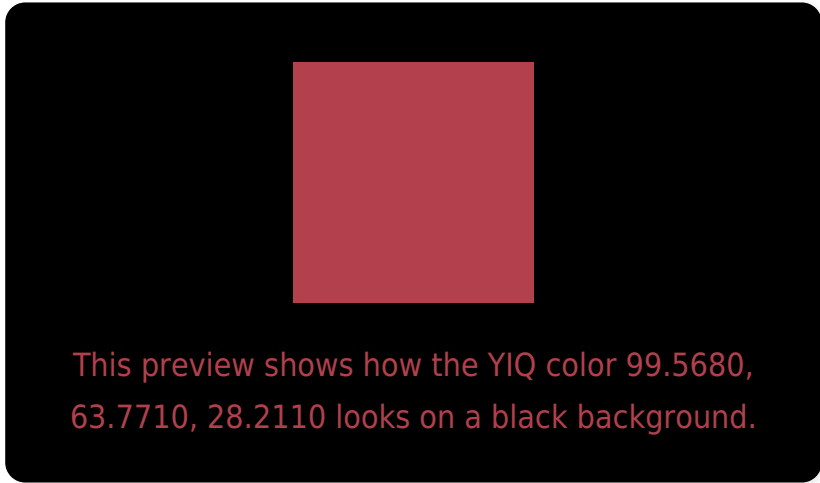
Large Text (above 18pt) WCAG AA ✓ Pass

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

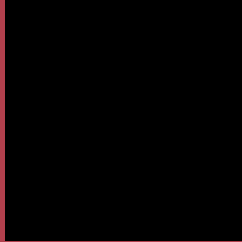
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 99.5680, 63.7710, 28.2110

Background



This preview shows how black text looks on a background with the YIQ color 99.5680, 63.7710, 28.2110.



This preview shows how white text looks on a background with the YIQ color 99.5680, 63.7710,

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

99.5680, 63.7710, 28.2110

Protanopia

104.2840, 4.9520, -1.6400

Deuteranopia

103.9840, 23.2920, -3.6200



Tritanopia

99.2430, 66.0640, 25.2000

Trichromacy



Original Color

99.5680, 63.7710, 28.2110

Protanomaly

102.1560, 26.2240, 9.3280

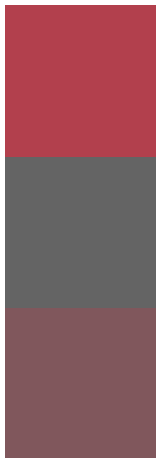
Deuteranomaly

102.5610, 38.1450, 8.0410

Tritanomaly

99.5850, 65.1010, 26.1330

Monochromacy



Original Color

99.5680, 63.7710, 28.2110

Achromatopsia

100.0000, -0.0000, -0.0000

Achromatomaly

99.8290, 22.8310, 10.2470

CSS Examples

Text

The CSS property to change the color of the text to YIQ 99.5680, 63.7710, 28.2110 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(178, 64, 77)` looks like.

```
.text, #text, p{  
    color:rgb(178, 64, 77)  
}
```

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(178, 64, 77) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 64, 77) }
```

Border

The CSS property to change the border of an element to YIQ 99.5680, 63.7710, 28.2110 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(178, 64, 77) }
```


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

```
.border{ border-color:rgb(178, 64, 77) }
```

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

Here you see how a box with a 4 pixel rgb(178, 64, 77) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 64, 77); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 64, 77);  
box-shadow:4px 4px 4px 4px rgb(178, 64,  
77) }
```

Background

The CSS property to change the background color of an element to YIQ 99.5680, 63.7710, 28.2110 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 64, 77) }
```

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

```
.background{ background-color: rgb(178, 64,  
77) }
```

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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