

Converting Colors

YIQ(28.9550, 14.2090, 23.3370)

Have a look what the booklet for
YIQ(28.9550, 14.2090, 23.3370)
contains.

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Color

**YIQ(28.9550, 14.2090,
23.3370)**

Conversions

Conversions Part 1

Format	Color
Hex	390A35
RGB	57, 10, 53
RGB Percent	22%, 4%, 21%
CMY	0.7763, 0.9609, 0.7921
CMYK	0.00, 0.82, 0.07, 0.78
HSL	305°, 70%, 13%
HSV	305°, 82%, 22%
XYZ	2.4404, 1.3446, 3.4998
YIQ	28.9550, 14.2090, 23.3370

Conversions

Conversions Part 2

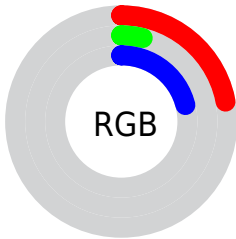
Format	Color
RYB	57, 10, 53
Decimal	3738165
CIELab	11.58, 28.61, -16.03
CIELCh	12, 32.795, 330.736
Yxy	1.3446, 0.3350, 0.1846
Android (android.graphics.Color)	4281928245 (0xFF390A35)
YUV	28.9550, 11.8542, 24.5955
Hunter-Lab	11.5959, 17.2736, -9.7773

Details

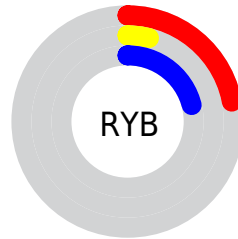
The YIQ color **28.9550, 14.2090, 23.3370** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **38.0450, -14.2090, -23.3370**, and the grayscale version is **29.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **76.5530, 15.4010, 23.7610**, and **0.4560, -1.2840, 1.2440** is the 20% darker color. If you saturate the color by 10%, you get **25.4330, 15.8590, 26.4750**, and if you desaturate by 10%, it is **32.4770, 12.5590, 20.1990**.

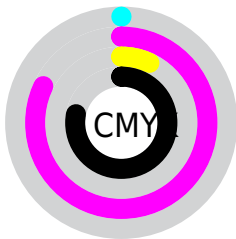
Distribution



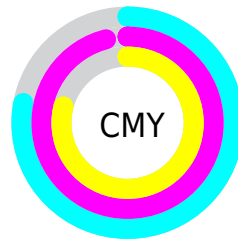
- Red (22%)
- Green (4%)
- Blue (21%)



- Red (22%)
- Yellow (4%)
- Blue (21%)



- Cyan (0%)
- Magenta (82%)
- Yellow (7%)
- Black (78%)



- Cyan (78%)
- Magenta (96%)
- Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 28.9550, 14.2090, 23.3370 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 28.9550, 14.2090, 23.3370 by changing the saturation by 10% instead.

■ 28.9550, 14.2090,
23.3370

■ 28.9550, 14.2090,
23.3370

■ 246.7820, 3.8500,
7.3220

■ 14.7110, 11.7800,
17.7960

■ 76.5530, 15.4010,
23.7610

■ 0.4560, -1.2840,
1.2440

■ 101.2650, 16.2720,
24.4960

■ 0.0000, 0.0000,
0.0000

■ 126.9770, 17.1430,
25.2310


■ 152.8030, 17.6930,
26.2770


■ 180.1020, 18.2890,
26.4890


■ 207.8140, 19.1600,


27.2240


 230.3460, 11.5500,
21.9660


 28.9550, 14.2090,
23.3370

 28.9550, 14.2090,
23.3370

 25.4330, 15.8590,
26.4750


 32.4770, 12.5590,
20.1990

 22.9710, 17.2800,
28.2560

 35.5260, 10.8630,
17.8950

 39.0480, 9.2130,
14.7570

 42.6840, 7.2420,
11.9300

 46.2060, 5.5920,
8.7920

■ 49.2550, 3.8960,
6.4880

■ 52.7770, 2.2460,
3.3500

■ 56.4130, 0.2750,
0.5230

■ 59.3480, -1.1000,
-2.0920

Harmonies

Analogous

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



30.4400, -12.3820, 15.1540



28.9550, 14.2090, 23.3370



23.8660, 30.5770, 24.0570

Triad

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



28.9550, 14.2090, 23.3370



29.2710, 14.9940, -7.4220



29.5220, -28.0130, -4.4370

Complementary

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



28.9550, 14.2090, 23.3370



38.0450, -14.2090, -23.3370

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.



27.6010, -21.2260, -11.8020



28.9550, 14.2090, 23.3370



26.2150, 0.2320, -15.2240

Square

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



28.9550, 14.2090, 23.3370



28.4840, 27.8760, 1.4120



23.1210, -11.3670, -19.7750



30.2860, -32.9200, 1.8960

Rectangle

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



28.9550, 14.2090, 23.3370



24.1020, 35.4840, 17.7240



23.1210, -11.3670, -19.7750



29.3110, -26.0410, -7.1370

Sweetspot

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



28.9550, 14.2090, 23.3370



62.6190, 5.8670, 9.3150



16.5540, -12.7030, 15.4650



31.4290, 3.3460, 5.4420



166.0000, -0.0000, 0.0000



38.0000, -0.0000, -0.0000

Same Dimension

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



28.9550, 14.2090, 23.3370



30.4650, 22.0010, 36.3130



26.3330, 21.5920, 16.1840



26.2390, 0.8250, 1.5690



37.0840, 27.8680, 45.6280



88.3950, 66.0030, 108.9390

Inverse Universe

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



28.9550, 14.2090, 23.3370



30.4650, 22.0010, 36.3130



40.6670, -21.5920, -16.1840



26.2390, 0.8250, 1.5690



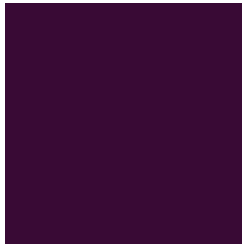
37.0840, 27.8680, 45.6280



88.3950, 66.0030, 108.9390

Previews

White Background



This preview shows how the YIQ color 28.9550, 14.2090, 23.3370 looks on a white background.

Color Contrast Check

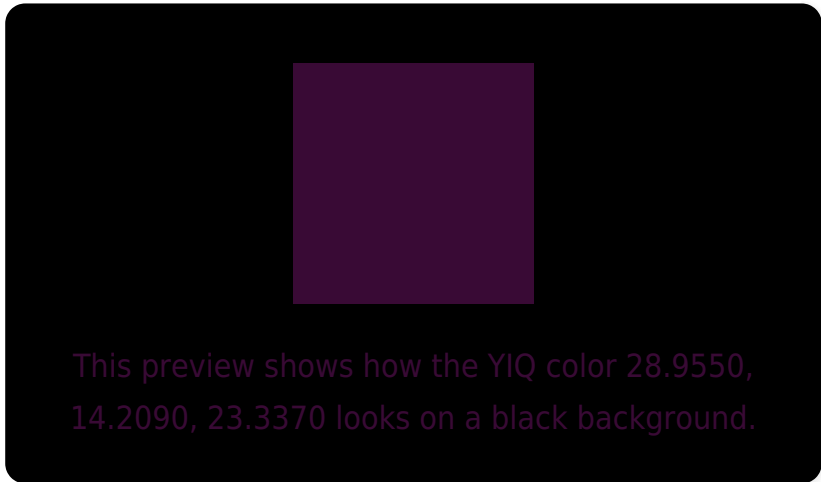
Large Text (above 18pt) WCAG AA ✓ Pass

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

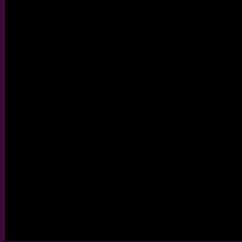
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 28.9550, 14.2090, 23.3370

Background



This preview shows how black text looks on a background with the YIQ color 28.9550, 14.2090, 23.3370.



This preview shows how white text looks on a background with the YIQ color 28.9550, 14.2090,

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

28.9550, 14.2090, 23.3370

Protanopia

26.4220, -30.3070, 4.1010

Deuteranopia

32.5460, -10.2250, 3.5910



Tritanopia

31.7960, 18.4300, 7.4060

Trichromacy



Original Color

28.9550, 14.2090, 23.3370

Protanomaly

27.4350, -13.9860, 11.1820

Deuteranomaly

31.5520, -1.1940, 10.6300

Tritanomaly

31.0010, 16.5950, 13.1310

Monochromacy



Original Color

28.9550, 14.2090, 23.3370

Achromatopsia

29.0000, -0.0000, 0.0000

Achromatomaly

28.9070, 4.9960, 8.5800

CSS Examples

Text

The CSS property to change the color of the text to YIQ 28.9550, 14.2090, 23.3370 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(57, 10, 53)` looks like.

```
.text, #text, p{  
    color:rgb(57, 10, 53)  
}
```

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(57, 10, 53) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(57, 10, 53) }
```

Border

The CSS property to change the border of an element to YIQ 28.9550, 14.2090, 23.3370 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(57, 10, 53) }
```


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

```
.border{ border-color:rgb(57, 10, 53) }
```

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

Here you see how a box with a 4 pixel `rgb(57, 10, 53)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(57, 10, 53); -webkit-box-  
shadow:4px 4px 4px 4px rgb(57, 10, 53);  
box-shadow:4px 4px 4px 4px rgb(57, 10, 53)  
}
```

Background

The CSS property to change the background color of an element to YIQ 28.9550, 14.2090, 23.3370 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(57, 10, 53) }
```

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

```
.background{ background-color: rgb(57, 10,  
53) }
```

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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