

Converting Colors

YIQ(71.9550, 14.2090, 23.3370)

Have a look what the booklet for
YIQ(71.9550, 14.2090, 23.3370)
contains.

YIQ(71.9550, 14.2090, 23.3370)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(71.9550, 14.2090,
23.3370)**

Conversions

Conversions Part 1

Format	Color
Hex	643560
RGB	100, 53, 96
RGB Percent	39%, 21%, 38%
CMY	0.6077, 0.7922, 0.6235
CMYK	0.00, 0.47, 0.04, 0.61
HSL	305°, 31%, 30%
HSV	305°, 47%, 39%
XYZ	8.6432, 6.1004, 11.7897
YIQ	71.9550, 14.2090, 23.3370

Conversions

Conversions Part 2

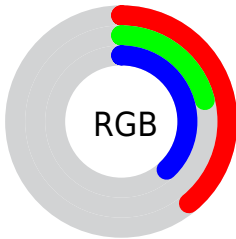
Format	Color
R_{YB}	100, 53, 96
Decimal	6567264
CIE _{Lab}	29.66, 28.02, -16.59
CIE _{LCh}	30, 32.561, 329.361
Yxy	6.1004, 0.3258, 0.2299
Android (android.graphics.Color)	4284757344 (0xFF643560)
YUV	71.9550, 11.8542, 24.5955
Hunter-Lab	24.6990, 19.2417, -11.0119

Details

The YIQ color **71.9550, 14.2090, 23.3370** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **81.0450, -14.2090, -23.3370**, and the grayscale version is **72.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **121.4930, 15.6300, 25.1180**, and **24.4710, 12.6960, 23.2240** is the 20% darker color. If you saturate the color by 10%, you get **65.9710, 17.2800, 28.2560**, and if you desaturate by 10%, it is **77.9390, 11.1380, 18.4180**.

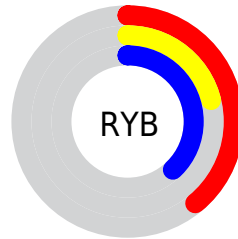
Distribution



Red (39%)

Green (21%)

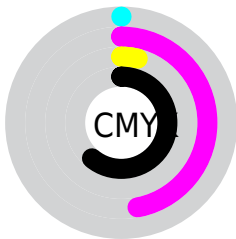
Blue (38%)



Red (39%)

Yellow (21%)

Blue (38%)

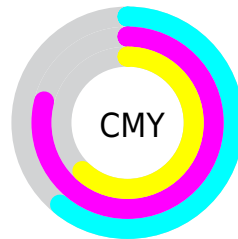


Cyan (0%)

Magenta (47%)

Yellow (4%)

Black (61%)



Cyan (61%)

Magenta (79%)

Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 71.9550, 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 71.9550, 14.2090, 23.3370 by changing the saturation by 10% instead.

71.9550, 14.2090,
23.3370

71.9550, 14.2090,
23.3370

255.0000, -0.0000,
-0.0000

48.2430, 13.3380,
22.6020

121.4930, 15.6300,
25.1180

24.7700, 13.2920,
23.4360

147.7920, 16.2260,
25.3300

13.1730, 10.3590,
16.0150

174.6180, 16.7760,
26.3760

0.0000, 0.0000,
0.0000

202.3300, 17.6470,
27.1110

227.4110, 12.9250,
24.5810

243.8470, 5.2250,

9.9370

■ 71.9550, 14.2090,
23.3370

■ 71.9550, 14.2090,
23.3370

■ 65.9710, 17.2800,
28.2560

■ 77.9390, 11.1380,
18.4180

■ 59.9870, 20.3510,
33.1750

■ 83.9230, 8.0670,
13.4990

■ 54.0030, 23.4220,
38.0940

■ 89.9070, 4.9960,
8.5800

■ 48.1330, 26.1720,
43.3240

■ 95.7770, 2.2460,
3.3500

■ 42.1490, 29.2430,
48.2430

■ 101.7610, -0.8250,
-1.5690

■ 40.2740, 30.3890,
49.5010

■ 107.7450, -3.8960,
-6.4880

■ 113.7290, -6.9670,
-11.4070

■ 119.7130,
-10.0380, -16.3260

■ 125.6970,
-13.1090, -21.2450

Harmonies

Analogous

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



70.6080, -12.7950, 17.1330



71.9550, 14.2090, 23.3370



70.0680, 32.8240, 21.8800

Triad

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



71.9550, 14.2090, 23.3370



66.7420, 26.5490, -13.0910



58.8500, -52.7240, -13.6520

Complementary

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



71.9550, 14.2090, 23.3370



81.0450, -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.



56.0000, -44.6990, -21.4270



71.9550, 14.2090, 23.3370



64.8750, 6.8810, -20.0870

Square

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



71.9550, 14.2090, 23.3370



68.3940, 36.8170, -0.9350



58.7390, -22.0950, -23.5910



59.2550, -57.9980, -6.1740

Rectangle

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



71.9550, 14.2090, 23.3370



69.1300, 38.2810, 16.5930



58.7390, -22.0950, -23.5910



57.9380, -50.1560, -16.1400

Sweetspot

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



71.9550, 14.2090, 23.3370



119.2060, 5.5920, 8.7920



59.5540, -12.7030, 15.4650



59.4290, 3.3460, 5.4420



194.0000, -0.0000, 0.0000



66.0000, -0.0000, -0.0000

Same Dimension

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



71.9550, 14.2090, 23.3370



86.4650, 22.0010, 36.3130



69.3330, 21.5920, 16.1840



48.0650, 1.3750, 2.6150



46.3550, 34.8350, 57.0350



97.6660, 72.9700, 120.3460

Inverse Universe

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



71.9550, 14.2090, 23.3370



86.4650, 22.0010, 36.3130



83.6670, -21.5920, -16.1840



48.0650, 1.3750, 2.6150



46.3550, 34.8350, 57.0350



97.6660, 72.9700, 120.3460

Previews

White Background



This preview shows how the YIQ color 71.9550, 14.2090, 23.3370 looks on a white background.

Color Contrast Check

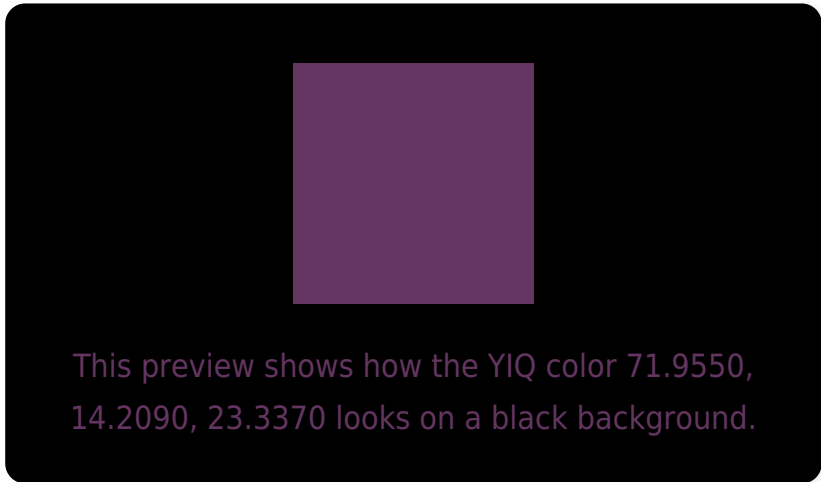
Large Text (above 18pt) WCAG AA ✓ Pass

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

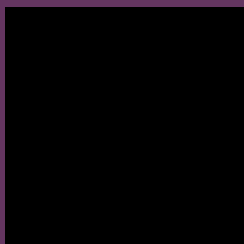
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 71.9550, 14.2090, 23.3370

Background



This preview shows how black text looks on a background with the YIQ color 71.9550, 14.2090, 23.3370.



This preview shows how white text looks on a background with the YIQ color 71.9550, 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

71.9550, 14.2090, 23.3370

Protanopia

69.6730, -20.5880, 9.6840

Deuteranopia

70.5400, -10.0880, 6.6160



Tritanopia

71.3340, 19.8510, 9.1870

Trichromacy



Original Color

71.9550, 14.2090, 23.3370

Protanomaly

70.3650, -7.7970, 14.6590

Deuteranomaly

71.0190, -1.0110, 12.8210

Tritanomaly

71.1260, 17.7410, 14.3890

Monochromacy



Original Color

71.9550, 14.2090, 23.3370

Achromatopsia

72.0000, -0.0000, 0.0000

Achromatomaly

71.9070, 4.9960, 8.5800

CSS Examples

Text

The CSS property to change the color of the text to YIQ 71.9550, 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(100, 53, 96)` looks like.

```
.text, #text, p{  
    color:rgb(100, 53, 96)  
}
```

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(100, 53, 96) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(100, 53, 96) }
```

Border

The CSS property to change the border of an element to YIQ 71.9550, 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(100, 53, 96) }
```


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

```
.border{ border-color:rgb(100, 53, 96) }
```

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

Here you see how a box with a 4 pixel rgb(100, 53, 96) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(100, 53, 96); -webkit-box-  
shadow:4px 4px 4px 4px rgb(100, 53, 96);  
box-shadow:4px 4px 4px 4px rgb(100, 53,  
96) }
```

Background

The CSS property to change the background color of an element to YIQ 71.9550, 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(100, 53, 96) }
```

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

```
.background{ background-color: rgb(100, 53,  
96) }
```

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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