

Converting Colors

YIQ(43.7300, 54.3270, 23.1510)

Have a look what the booklet for
YIQ(43.7300, 54.3270, 23.1510)
contains.

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Color

**YIQ(43.7300, 54.3270,
23.1510)**

Conversions

Conversions Part 1

Format	Color
Hex	6E0E17
RGB	110, 14, 23
RGB Percent	43%, 5%, 9%
CMY	0.5684, 0.9452, 0.9096
CMYK	0.00, 0.87, 0.79, 0.57
HSL	354°, 77%, 24%
HSV	354°, 87%, 43%
XYZ	6.7495, 3.6939, 1.1707
YIQ	43.7300, 54.3270, 23.1510

Conversions

Conversions Part 2

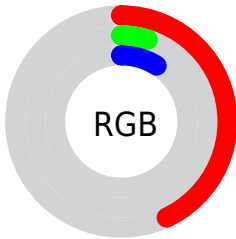
Format	Color
R_{YB}	110, 14, 23
Decimal	7212567
CIE _{Lab}	22.63, 40.53, 22.47
CIE _{LCh}	23, 46.343, 28.997
Yxy	3.6939, 0.5811, 0.3181
Android (android.graphics.Color)	4285402647 (0xFF6E0E17)
YUV	43.7300, -10.2199, 58.1188
Hunter-Lab	19.2195, 29.0516, 9.8423

Details

The YIQ color **43.7300, 54.3270, 23.1510** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **80.2700, -54.3270, -23.1510**, and the grayscale version is **44.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **98.2590, 59.9670, 20.0550**, and **16.8580, 33.0550, 12.1830** is the 20% darker color. If you saturate the color by 10%, you get **36.1330, 60.5620, 25.7940**, and if you desaturate by 10%, it is **51.3270, 48.0920, 20.5080**.

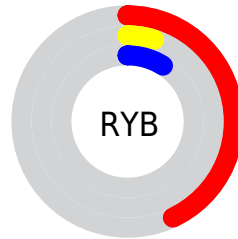
Distribution



Red (43%)

Green (5%)

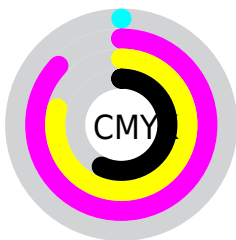
Blue (9%)



Red (43%)

Yellow (5%)

Blue (9%)

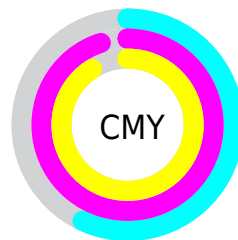


Cyan (0%)

Magenta (87%)

Yellow (79%)

Black (57%)



Cyan (57%)

Magenta (95%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 43.7300, 54.3270, 23.1510 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 43.7300, 54.3270, 23.1510 by changing the saturation by 10% instead.

■ 43.7300, 54.3270,
23.1510

■ 43.7300, 54.3270,
23.1510

■ 254.3160, 1.9260,
-1.8660

■ 24.8170, 49.4680,
17.5960

■ 98.2590, 59.9670,
20.0550

■ 16.8580, 33.0550,
12.1830

■ 124.2270, 62.9930,
20.2810

■ 5.9800, 11.9200,
4.2400

■ 151.8960, 65.4230,
20.2950

■ 0.0000, 0.0000,
0.0000

■ 178.3800, 66.9360,
20.4080

■ 197.8940, 50.5690,
14.1610

■ 217.4080, 34.2020,

7.9140

237.0360, 17.5140,
1.9780

43.7300, 54.3270,
23.1510

43.7300, 54.3270,
23.1510

36.1330, 60.5620,
25.7940

51.3270, 48.0920,
20.5080

34.0300, 62.3500,
26.4300

58.9240, 41.8570,
17.8650

66.5210, 35.6220,
15.2220

74.1180, 29.3870,
12.5790

81.7150, 23.1520,
9.9360

■ 89.3120, 16.9170,
7.2930

■ 96.9090, 10.6820,
4.6500

■ 104.5060, 4.4470,
2.0070

■ 112.1030, -1.7880,
-0.6360

Harmonies

Analogous

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



39.6870, 47.8590, 41.2590



43.7300, 54.3270, 23.1510



50.1240, 46.4450, 0.7890

Triad

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



43.7300, 54.3270, 23.1510



40.3380, -22.6440, -30.1640



48.7690, -56.0290, 7.7070

Complementary

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



43.7300, 54.3270, 23.1510



80.2700, -54.3270, -23.1510

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.



51.6240, -54.4230, 0.6250



43.7300, 54.3270, 23.1510



45.8440, -35.3920, -19.3920

Square

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



43.7300, 54.3270, 23.1510



46.2720, 4.0850, -24.4830



49.8340, -46.6270, -8.5070



52.9800, -22.4700, 21.7700

Rectangle

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



43.7300, 54.3270, 23.1510



51.4980, 33.2880, -8.5680



49.8340, -46.6270, -8.5070



50.4160, -56.5330, 5.8270

Sweetspot

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



43.7300, 54.3270, 23.1510



117.4050, 21.0890, 8.7770



50.6580, 20.4400, 48.0880



55.8060, 12.4700, 5.2860



199.0000, -0.0000, 0.0000



71.0000, -0.0000, -0.0000

Same Dimension

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



43.7300, 54.3270, 23.1510



44.3530, 80.7340, 34.6700



65.0100, 46.7660, 0.4780



51.9080, 3.2550, 1.5830



37.1340, 67.9890, 28.8610



76.4750, 139.8290, 59.5170

Inverse Universe

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



43.7300, 54.3270, 23.1510



44.3530, 80.7340, 34.6700



58.9900, -46.7660, -0.4780



51.9080, 3.2550, 1.5830



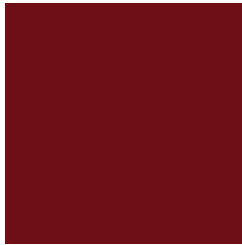
37.1340, 67.9890, 28.8610



76.4750, 139.8290, 59.5170

Previews

White Background



This preview shows how the YIQ color 43.7300, 54.3270, 23.1510 looks on a white background.

Color Contrast Check

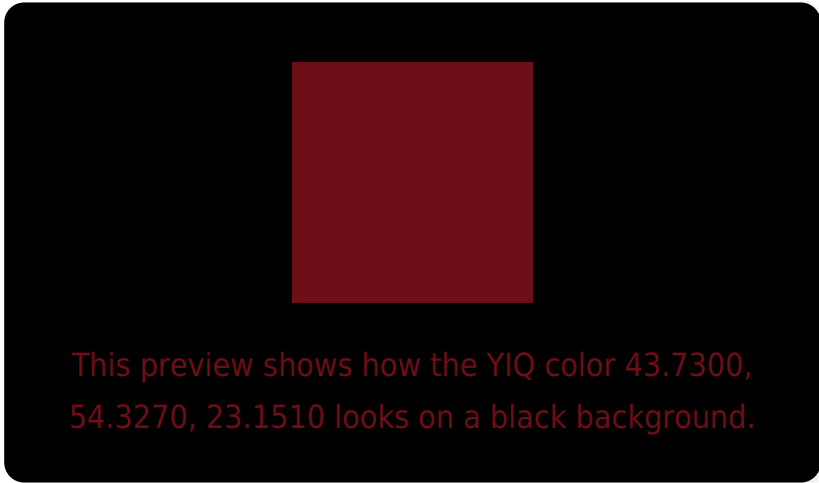
Large Text (above 18pt) WCAG AA ✓ Pass

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 43.7300, 54.3270, 23.1510

Background



This preview shows how black text looks on a background with the YIQ color 43.7300, 54.3270, 23.1510.

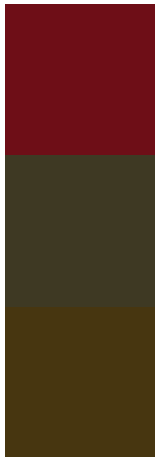


This preview shows how white text looks on a background with the YIQ color 43.7300, 54.3270,

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

43.7300, 54.3270, 23.1510

Protanopia

55.9870, 10.0420, -5.7820

Deuteranopia

54.7510, 22.3300, -8.2140



Tritanopia

43.8780, 56.6660, 19.3060

Trichromacy



Original Color

43.7300, 54.3270, 23.1510

Protanomaly

51.2220, 25.8580, 4.9460

Deuteranomaly

50.4740, 33.8360, 3.5320

Tritanomaly

43.6330, 55.9780, 20.7620

Monochromacy



Original Color

43.7300, 54.3270, 23.1510

Achromatopsia

44.0000, -0.0000, -0.0000

Achromatomaly

43.8070, 19.8970, 8.3530

CSS Examples

Text

The CSS property to change the color of the text to YIQ 43.7300, 54.3270, 23.1510 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(110, 14, 23)` looks like.

```
.text, #text, p{  
    color:rgb(110, 14, 23)  
}
```

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(110, 14, 23) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 14, 23) }
```

Border

The CSS property to change the border of an element to YIQ 43.7300, 54.3270, 23.1510 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(110, 14, 23) }
```


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

```
.border{ border-color:rgb(110, 14, 23) }
```

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

Here you see how a box with a 4 pixel rgb(110, 14, 23) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(110, 14, 23); -webkit-box-  
shadow:4px 4px 4px 4px rgb(110, 14, 23);  
box-shadow:4px 4px 4px 4px rgb(110, 14,  
23) }
```

Background

The CSS property to change the background color of an element to YIQ 43.7300, 54.3270, 23.1510 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 14, 23) }
```

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

```
.background{ background-color: rgb(110, 14,  
23) }
```

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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