

Converting Colors

YIQ(43.1750, 60.7440, 33.5120)

Have a look what the booklet for
YIQ(43.1750, 60.7440, 33.5120)
contains.

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Color

**YIQ(43.1750, 60.7440,
33.5120)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | 7A0521 |
| RGB | 122, 5, 33 |
| RGB Percent | 48%, 2%, 13% |
| CMY | 0.5213, 0.9805, 0.8704 |
| CMYK | 0.00, 0.96, 0.73, 0.52 |
| HSL | 346°, 92%, 25% |
| HSV | 346°, 96%, 48% |
| XYZ | 8.3658, 4.3607, 1.8437 |
| YIQ | 43.1750, 60.7440, 33.5120 |

Conversions

Conversions Part 2

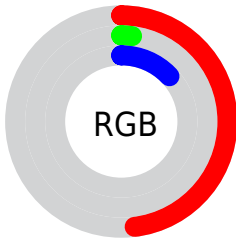
| Format | Color |
|-------------------------------------|------------------------------|
| R_{YB} | 122, 5, 33 |
| Decimal | 7996705 |
| CIE _{Lab} | 24.83, 46.42, 19.04 |
| CIE _{LCh} | 25, 50.175, 22.299 |
| Yxy | 4.3607, 0.5742, 0.2993 |
| Android (android.graphics.Color) | 4286186785 (0xFF7A0521) |
| YUV | 43.1750, -5.0163, 69.1295 |
| Hunter-Lab | 20.8822, 34.9661, 9.3828 |

Details

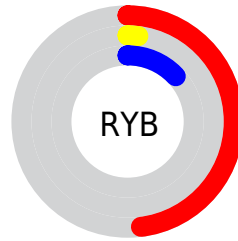
The YIQ color **43.1750, 60.7440, 33.5120** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **83.8250, -60.7440, -33.5120**, and the grayscale version is **43.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **102.8130, 64.4590, 26.7550**, and **19.7340, 39.3360, 13.9920** is the 20% darker color. If you saturate the color by 10%, you get **39.7840, 63.4030, 34.8830**, and if you desaturate by 10%, it is **51.2450, 54.5550, 30.0350**.

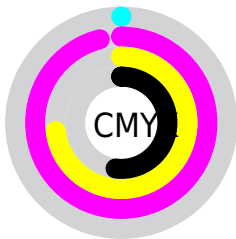
Distribution



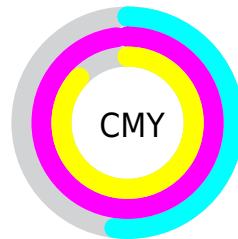
- Red (48%)
- Green (2%)
- Blue (13%)



- Red (48%)
- Yellow (2%)
- Blue (13%)



- Cyan (0%)
- Magenta (96%)
- Yellow (73%)
- Black (52%)





- Cyan (52%)
- Magenta (98%)
- Yellow (87%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 43.1750, 60.7440, 33.5120 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 43.1750, 60.7440, 33.5120 by changing the saturation by 10% instead.


 43.1750, 60.7440,
33.5120


 43.1750, 60.7440,
33.5120


255.0000, -0.0000,
-0.0000


 29.3600, 52.4930,
23.3490


 102.8130, 64.4590,
26.7550


 19.7340, 39.3360,
13.9920


 129.4820, 66.8890,
26.7690

 11.4760, 22.3270,
8.3670

 157.4500, 69.9150,
26.9950

 0.0000, 0.0000,
0.0000


 180.4490, 62.4880,
23.9280


 199.8490, 46.4420,
17.3700


 219.4770, 29.7540,


11.4340


 239.6920, 12.7910,
4.9750


 43.1750, 60.7440,
33.5120


 43.1750, 60.7440,
33.5120


 39.7840, 63.4030,
34.8830

 51.2450, 54.5550,
30.0350

 59.4290, 48.0450,
26.8690

 68.0860, 41.5810,
22.8690

 76.1560, 35.3920,
19.3920

 84.2260, 29.2030,
15.9150

■ 92.4100, 22.6930,
12.7490

■ 100.4800, 16.5040,
9.2720

■ 109.1370, 10.0400,
5.2720

■ 117.3210, 3.5300,
2.1060

Harmonies

Analogous

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



43.5610, 48.4540, 46.9980



43.1750, 60.7440, 33.5120



52.8370, 54.7430, 4.5910

Triad

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



43.1750, 60.7440, 33.5120



42.1330, -20.8090, -35.8890



54.7190, -61.7600, 6.9440

Complementary

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



43.1750, 60.7440, 33.5120



83.8250, -60.7440, -33.5120

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.



56.4170, -58.2740, -1.1700



43.1750, 60.7440, 33.5120



48.9100, -35.7580, -23.7740

Square

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



43.1750, 60.7440, 33.5120



52.2080, 10.1370, -24.0310



53.9430, -48.5520, -12.1680



52.2100, -43.7890, 17.1630

Rectangle

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



43.1750, 60.7440, 33.5120



55.9720, 40.7610, -6.3350



53.9430, -48.5520, -12.1680



56.1380, -61.6220, 4.4420

Sweetspot

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



43.1750, 60.7440, 33.5120



127.0080, 23.8850, 13.1730



44.6500, 14.8910, 55.0430



60.1700, 14.4410, 8.1130



207.0000, 0.0000, -0.0000



79.0000, -0.0000, 0.0000

Same Dimension

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



43.1750, 60.7440, 33.5120



51.5740, 81.9700, 45.3140



57.0060, 61.7570, 9.6370



57.0220, 2.9340, 1.8940



40.7950, 64.8700, 35.8300



82.3020, 130.6110, 72.3950

Inverse Universe

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



43.1750, 60.7440, 33.5120



51.5740, 81.9700, 45.3140



69.9940, -61.7570, -9.6370



57.0220, 2.9340, 1.8940



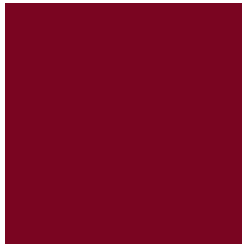
40.7950, 64.8700, 35.8300



82.3020, 130.6110, 72.3950

Previews

White Background



This preview shows how the YIQ color 43.1750, 60.7440, 33.5120 looks on a white background.

Color Contrast Check

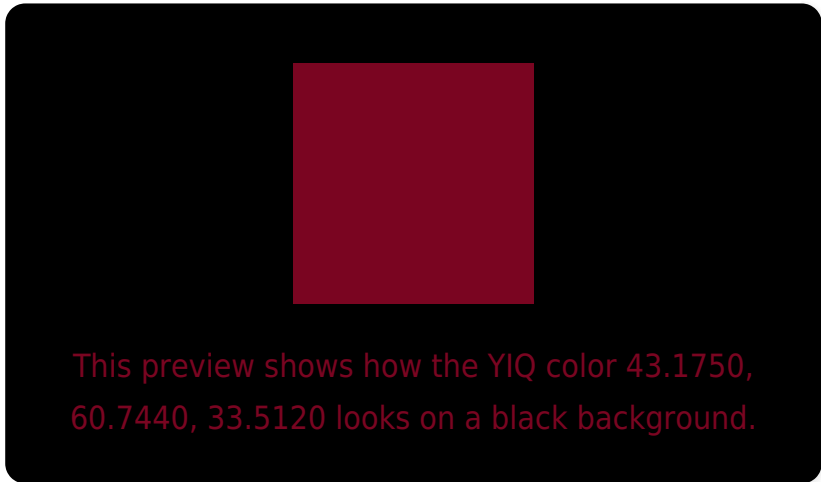
Large Text (above 18pt) WCAG AA ✓ Pass

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

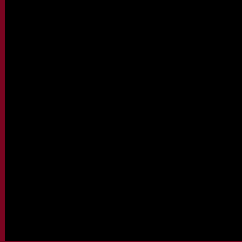
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 43.1750, 60.7440, 33.5120

Background



This preview shows how black text looks on a background with the YIQ color 43.1750, 60.7440, 33.5120.



This preview shows how white text looks on a background with the YIQ color 43.1750, 60.7440,

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

43.1750, 60.7440, 33.5120

Protanopia

61.7140, 6.5570, -3.1950

Deuteranopia

60.7340, 21.0000, -6.1360



Tritanopia

45.9500, 65.3310, 21.9630

Trichromacy



Original Color

43.1750, 60.7440, 33.5120

Protanomaly

54.6830, 26.1780, 10.1620

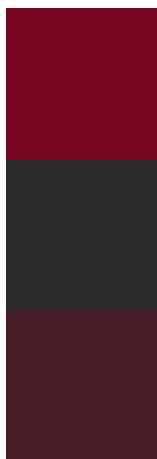
Deuteranomaly

54.0060, 35.3940, 8.3380

Tritanomaly

45.1010, 63.5880, 26.0200

Monochromacy



Original Color

43.1750, 60.7440, 33.5120

Achromatopsia

43.0000, -0.0000, -0.0000

Achromatomaly

42.9970, 22.4180, 12.2260

CSS Examples

Text

The CSS property to change the color of the text to YIQ 43.1750, 60.7440, 33.5120 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(122, 5, 33)` looks like.

```
.text, #text, p{  
    color:rgb(122, 5, 33)  
}
```

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(122, 5, 33) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 5, 33) }
```

Border

The CSS property to change the border of an element to YIQ 43.1750, 60.7440, 33.5120 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(122, 5, 33) }
```


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

```
.border{ border-color:rgb(122, 5, 33) }
```

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

Here you see how a box with a 4 pixel `rgb(122, 5, 33)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 5, 33); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 5, 33);  
box-shadow:4px 4px 4px 4px rgb(122, 5, 33)  
}
```

Background

The CSS property to change the background color of an element to YIQ 43.1750, 60.7440, 33.5120 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 5, 33) }
```

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

```
.background{ background-color: rgb(122, 5,  
33) }
```

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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