

Converting Colors

YIQ(44.3390, 21.4550, 13.1590)

Have a look what the booklet for
YIQ(44.3390, 21.4550, 13.1590)
contains.

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Color

**YIQ(44.3390, 21.4550,
13.1590)**

Conversions

Conversions Part 1

Format	Color
Hex	491E2B
RGB	73, 30, 43
RGB Percent	29%, 12%, 17%
CMY	0.7136, 0.8824, 0.8313
CMYK	0.00, 0.59, 0.41, 0.71
HSL	342°, 42%, 20%
HSV	342°, 59%, 29%
XYZ	3.6500, 2.5198, 2.5813
YIQ	44.3390, 21.4550, 13.1590

Conversions

Conversions Part 2

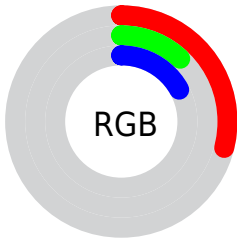
Format	Color
R_{YB}	73, 30, 43
Decimal	4791851
CIE _{Lab}	18.01, 22.10, 1.18
CIE _{LCh}	18, 22.136, 3.054
Yxy	2.5198, 0.4171, 0.2879
Android (android.graphics.Color)	4282981931 (0xFF491E2B)
YUV	44.3390, -0.6601, 25.1357
Hunter-Lab	15.8738, 13.2651, 1.4701

Details

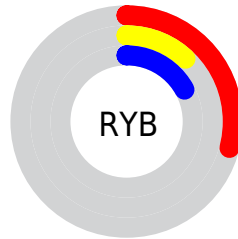
The YIQ color **44.3390, 21.4550, 13.1590** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **58.6610, -21.4550, -13.1590**, and the grayscale version is **44.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **91.7200, 24.7560, 13.9080**, and **8.1870, 15.7710, 6.0350** is the 20% darker color. If you saturate the color by 10%, you get **39.6600, 24.9850, 15.2650**, and if you desaturate by 10%, it is **49.0180, 17.9250, 11.0530**.

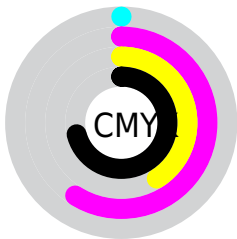
Distribution



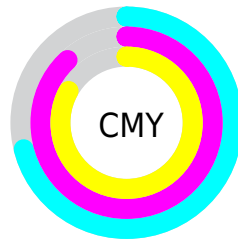
- Red (29%)
- Green (12%)
- Blue (17%)



- Red (29%)
- Yellow (12%)
- Blue (17%)



- Cyan (0%)
- Magenta (59%)
- Yellow (41%)
- Black (71%)



- Cyan (71%)
- Magenta (88%)
- Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 44.3390, 21.4550, 13.1590 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 44.3390, 21.4550, 13.1590 by changing the saturation by 10% instead.

44.3390, 21.4550,
13.1590

44.3390, 21.4550,
13.1590

255.0000, -0.0000,
-0.0000

21.9690, 19.6210,
13.3570

91.7200, 24.7560,
13.9080

8.1870, 15.7710,
6.0350

116.4320, 25.6270,
14.6430

0.0000, 0.0000,
0.0000

142.0300, 26.8190,
15.0670

168.6280, 28.0110,
15.4910

196.2260, 29.2030,
15.9150

222.1330, 25.0310,

14.4310

241.8750, 8.0220,
8.8060

44.3390, 21.4550,
13.1590

44.3390, 21.4550,
13.1590

39.6600, 24.9850,
15.2650

49.0180, 17.9250,
11.0530

34.3940, 28.7900,
17.8940

54.2840, 14.1200,
8.4240

29.7150, 32.3200,
20.0000

58.9630, 10.5900,
6.3180

25.0360, 35.8500,
22.1060

63.6420, 7.0600,
4.2120

24.3350, 36.4460,
22.3180

68.3210, 3.5300,
2.1060

■ 73.7010, -0.5960,
-0.2120

■ 78.3800, -4.1260,
-2.3180

■ 83.0590, -7.6560,
-4.4240

■ 88.3250, -11.4610,
-7.0530

Harmonies

Analogous

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



45.5320, 10.7260, 14.8700



44.3390, 21.4550, 13.1590



43.5040, 25.1240, 7.2360

Triad

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



44.3390, 21.4550, 13.1590



40.4650, 2.5240, -12.7080



36.9710, -36.5870, -3.2350

Complementary

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



44.3390, 21.4550, 13.1590



58.6610, -21.4550, -13.1590

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.



37.4780, -33.8810, -8.2250



44.3390, 21.4550, 13.1590



36.8310, -16.1820, -15.1100

Square

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



44.3390, 21.4550, 13.1590



42.4020, 16.0030, -9.1890



35.6540, -28.7450, -13.2010



39.8630, -27.2350, 3.4930

Rectangle

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



44.3390, 21.4550, 13.1590



43.6300, 24.5290, 1.4970



35.6540, -28.7450, -13.2010



37.2160, -35.8990, -4.6910

Sweetspot

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



44.3390, 21.4550, 13.1590



82.7670, 8.2060, 5.4700



43.5730, 3.4810, 19.5210



41.3320, 4.9970, 3.0530



176.0000, -0.0000, -0.0000



48.0000, -0.0000, 0.0000

Same Dimension

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



44.3390, 21.4550, 13.1590



49.4270, 33.1910, 20.7350



47.5530, 23.4280, 4.9320



33.3100, 2.0630, 1.1590



33.0210, 49.3740, 30.3180



75.7390, 113.1430, 69.5830

Inverse Universe

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



44.3390, 21.4550, 13.1590



49.4270, 33.1910, 20.7350



55.4470, -23.4280, -4.9320



33.3100, 2.0630, 1.1590



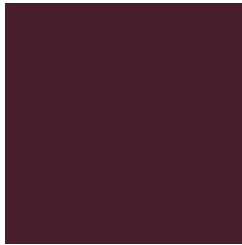
33.0210, 49.3740, 30.3180



75.7390, 113.1430, 69.5830

Previews

White Background



This preview shows how the YIQ color 44.3390, 21.4550, 13.1590 looks on a white background.

Color Contrast Check

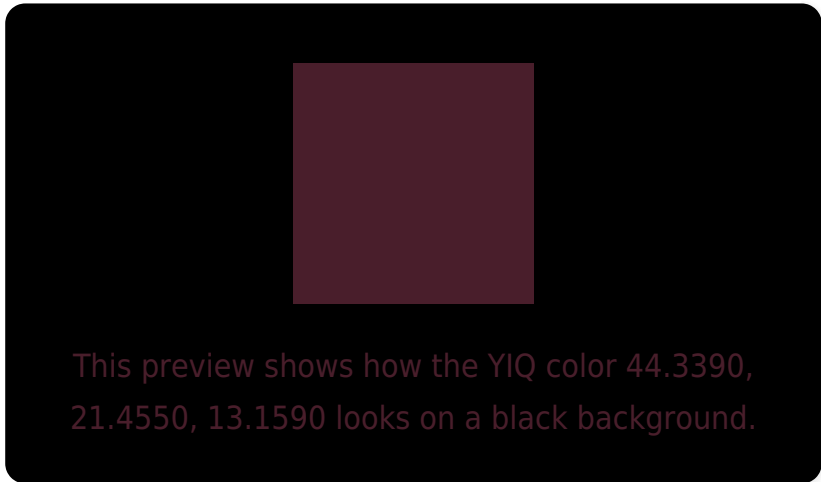
Large Text (above 18pt) WCAG AA ✓ Pass

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

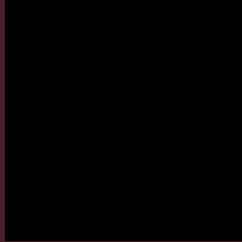
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 44.3390, 21.4550, 13.1590

Background



This preview shows how black text looks on a background with the YIQ color 44.3390, 21.4550, 13.1590.



This preview shows how white text looks on a background with the YIQ color 44.3390, 21.4550,

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

44.3390, 21.4550, 13.1590

Protanopia

45.4990, -2.8430, 1.9650

Deuteranopia

45.1640, 5.4100, 1.0740



Tritanopia

44.1880, 23.1980, 9.1020

Trichromacy



Original Color

44.3390, 21.4550, 13.1590

Protanomaly

45.5110, 6.0510, 5.9790

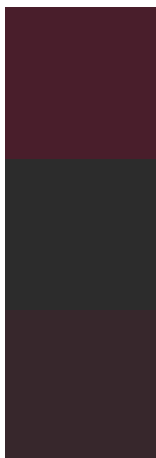
Deuteranomaly

44.7350, 11.2320, 5.6960

Tritanomaly

43.9430, 22.5100, 10.5580

Monochromacy



Original Color

44.3390, 21.4550, 13.1590

Achromatopsia

44.0000, -0.0000, -0.0000

Achromatomaly

44.3540, 7.9310, 4.9470

CSS Examples

Text

The CSS property to change the color of the text to YIQ 44.3390, 21.4550, 13.1590 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(73, 30, 43)` looks like.

```
.text, #text, p{  
    color:rgb(73, 30, 43)  
}
```

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(73, 30, 43) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(73, 30, 43) }
```

Border

The CSS property to change the border of an element to YIQ 44.3390, 21.4550, 13.1590 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(73, 30, 43) }
```


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

```
.border{ border-color:rgb(73, 30, 43) }
```

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

Here you see how a box with a 4 pixel rgb(73, 30, 43) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(73, 30, 43); -webkit-box-  
shadow:4px 4px 4px 4px rgb(73, 30, 43);  
box-shadow:4px 4px 4px 4px rgb(73, 30, 43)  
}
```

Background

The CSS property to change the background color of an element to YIQ 44.3390, 21.4550, 13.1590 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(73, 30, 43) }
```

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

```
.background{ background-color: rgb(73, 30,  
43) }
```

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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