

Converting Colors

YIQ(83.1240, 29.2500, 9.5540)

Have a look what the booklet for
YIQ(83.1240, 29.2500, 9.5540)
contains.

YIQ(83.1240, 29.2500, 9.5540)	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(83.1240, 29.2500,
9.5540)**

Conversions

Conversions Part 1

Format	Color
Hex	754543
RGB	117, 69, 67
RGB Percent	46%, 27%, 26%
CMY	0.5411, 0.7295, 0.7371
CMYK	0.00, 0.41, 0.43, 0.54
HSL	2°, 27%, 36%
HSV	2°, 43%, 46%
XYZ	10.4809, 8.4433, 6.3922
YIQ	83.1240, 29.2500, 9.5540

Conversions

Conversions Part 2

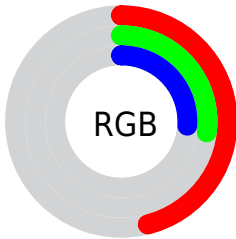
Format	Color
R_{YB}	117, 69, 67
Decimal	7685443
CIE _{Lab}	34.89, 20.42, 10.01
CIE _{LCh}	35, 22.738, 26.118
Yxy	8.4433, 0.4140, 0.3335
Android (android.graphics.Color)	4285875523 (0xFF754543)
YUV	83.1240, -7.9491, 29.7093
Hunter-Lab	29.0573, 13.5342, 7.2971

Details

The YIQ color **83.1240, 29.2500, 9.5540** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **100.8760, -29.2500, -9.5540**, and the grayscale version is **83.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **133.5050, 32.5510, 10.3030**, and **36.5580, 25.0320, 8.9040** is the 20% darker color. If you saturate the color by 10%, you get **75.2990, 36.1270, 11.5750**, and if you desaturate by 10%, it is **90.9490, 22.3730, 7.5330**.

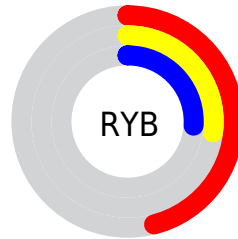
Distribution



Red (46%)

Green (27%)

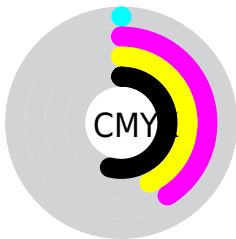
Blue (26%)



Red (46%)

Yellow (27%)

Blue (26%)

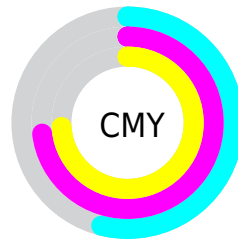


Cyan (0%)

Magenta (41%)

Yellow (43%)

Black (54%)



Cyan (54%)

Magenta (73%)

Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 83.1240, 29.2500, 9.5540 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 83.1240, 29.2500, 9.5540 by changing the saturation by 10% instead.

83.1240, 29.2500,
9.5540

83.1240, 29.2500,
9.5540

255.0000, -0.0000,
-0.0000

59.3410, 27.1410,
9.2290

133.5050, 32.5510,
10.3030

36.5580, 25.0320,
8.9040

159.9890, 34.0640,
10.4160

13.7430, 25.9490,
8.8050

186.7010, 34.9350,
11.1510

0.0000, 0.0000,
0.0000

214.5870, 35.2560,
10.8400

234.2150, 18.5680,
4.9040

254.4300, 1.6050,

-1.5550

■ 83.1240, 29.2500,
9.5540

■ 83.1240, 29.2500,
9.5540

■ 75.2990, 36.1270,
11.5750

■ 90.9490, 22.3730,
7.5330

■ 67.0010, 42.9580,
14.4300

■ 98.6600, 15.8170,
5.2010

■ 59.1760, 49.8350,
16.4510

■ 107.0720, 8.6650,
2.6570

■ 51.3510, 56.7120,
18.4720

■ 114.8970, 1.7880,
0.6360

■ 43.6400, 63.2680,
20.8040

■ 122.7220, -5.0890,
-1.3850

■ 37.9180, 68.3570,
22.1890

■ 130.4330,
-11.6450, -3.7170

■ 138.8450,
-18.7970, -6.2610

■ 146.6700,
-25.6740, -8.2820

■ 154.3810,
-32.2300, -10.6140

Harmonies

Analogous

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



83.9910, 22.5550, 15.2510



83.1240, 29.2500, 9.5540



82.3700, 28.1970, 1.1010

Triad

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



83.1240, 29.2500, 9.5540



76.5280, -10.9550, -16.2270



78.5960, -30.8570, 3.0550

Complementary

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



83.1240, 29.2500, 9.5540



100.8760, -29.2500, -9.5540

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.



70.0940, -50.2950, -8.1110



83.1240, 29.2500, 9.5540



72.5780, -31.5870, -16.7630

Square

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



83.1240, 29.2500, 9.5540



79.3900, 7.1090, -13.2030



65.3720, -54.3740, -16.7900



83.1150, -10.0890, 12.1430

Rectangle

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



83.1240, 29.2500, 9.5540



81.3430, 23.6590, -4.7650



65.3720, -54.3740, -16.7900



75.7800, -37.3670, -0.1110

Sweetspot

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



83.1240, 29.2500, 9.5540



139.5670, 11.6450, 3.7170



87.4220, 14.3920, 25.5280



68.4740, 7.4730, 2.2330



204.0000, -0.0000, -0.0000



77.0000, -0.0000, -0.0000

Same Dimension

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



83.1240, 29.2500, 9.5540



100.0830, 45.6630, 14.9670



97.7990, 22.3750, -3.5210



54.7940, 3.5760, 1.2720



39.4130, 71.3370, 23.2490



80.6200, 146.2500, 47.7700

Inverse Universe

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



100.8760, -29.2500, -9.5540



127.9170, -45.6630, -14.9670



86.2010, -22.3750, 3.5210



56.6190, -3.3010, -0.7490



83.1740, -71.6120, -23.7720



169.3800, -146.2500, -47.7700

Previews

White Background



This preview shows how the YIQ color 83.1240, 29.2500, 9.5540 looks on a white background.

Color Contrast Check

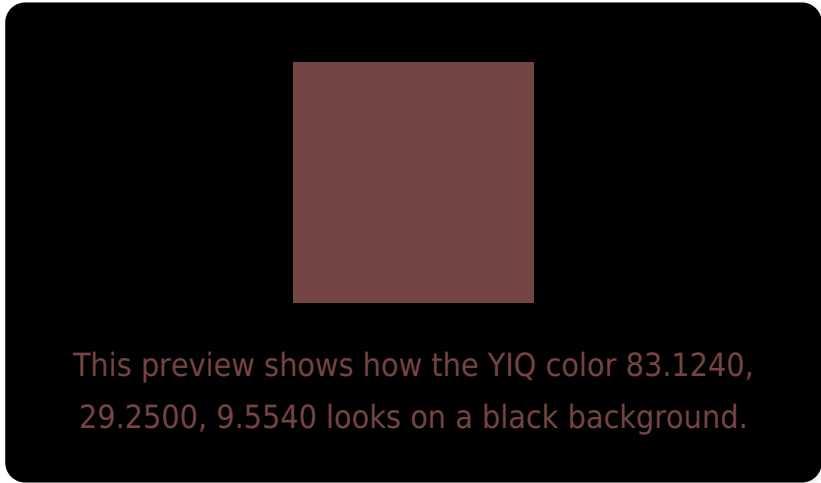
Large Text (above 18pt) WCAG AA ✓ Pass

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

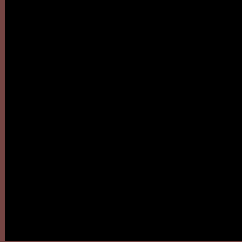
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 83.1240, 29.2500, 9.5540

Background



This preview shows how black text looks on a background with the YIQ color 83.1240, 29.2500, 9.5540.



This preview shows how white text looks on a background with the YIQ color 83.1240, 29.2500,

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

83.1240, 29.2500, 9.5540

Protanopia

82.2840, 4.9520, -1.6400

Deuteranopia

82.4870, 14.6260, -0.7500



Tritanopia

83.5200, 28.1950, 12.1550

Trichromacy



Original Color

83.1240, 29.2500, 9.5540

Protanomaly

82.2960, 13.8460, 2.3740

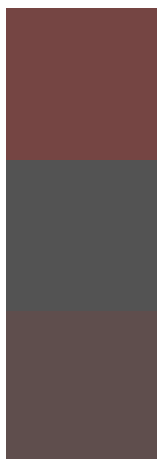
Deuteranomaly

82.6450, 20.1730, 3.3490

Tritanomaly

83.2920, 28.8370, 11.5330

Monochromacy



Original Color

83.1240, 29.2500, 9.5540

Achromatopsia

83.0000, -0.0000, 0.0000

Achromatomaly

82.9690, 10.4530, 3.2930

CSS Examples

Text

The CSS property to change the color of the text to YIQ 83.1240, 29.2500, 9.5540 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(117, 69, 67)` looks like.

```
.text, #text, p{  
    color:rgb(117, 69, 67)  
}
```

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(117, 69, 67) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 69, 67) }
```

Border

The CSS property to change the border of an element to YIQ 83.1240, 29.2500, 9.5540 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(117, 69, 67) }
```


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

```
.border{ border-color:rgb(117, 69, 67) }
```

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

Here you see how a box with a 4 pixel `rgb(117, 69, 67)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(117, 69, 67); -webkit-box-  
shadow:4px 4px 4px 4px rgb(117, 69, 67);  
box-shadow:4px 4px 4px 4px rgb(117, 69,  
67) }
```

Background

The CSS property to change the background color of an element to YIQ 83.1240, 29.2500, 9.5540 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 69, 67) }
```

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

```
.background{ background-color: rgb(117, 69,  
67) }
```

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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