

Converting Colors

YIQ(79.7290, 54.9270, 1.2550)

Have a look what the booklet for
YIQ(79.7290, 54.9270, 1.2550)
contains.

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Color

**YIQ(79.7290, 54.9270,
1.2550)**

Conversions

Conversions Part 1

Format	Color
Hex	854015
RGB	133, 64, 21
RGB Percent	52%, 25%, 8%
CMY	0.4783, 0.7491, 0.9174
CMYK	0.00, 0.52, 0.84, 0.48
HSL	23°, 73%, 30%
HSV	23°, 84%, 52%
XYZ	11.6461, 8.7073, 1.7794
YIQ	79.7290, 54.9270, 1.2550

Conversions

Conversions Part 2

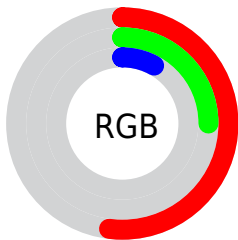
Format	Color
R_{YB}	133, 91, 21
Decimal	8732693
CIE Lab	35.41, 26.73, 37.89
CIE LCh	35, 46.370, 54.801
Yxy	8.7073, 0.5262, 0.3934
Android (android.graphics.Color)	4286922773 (0xFF854015)
YUV	79.7290, -28.9534, 46.7187
Hunter-Lab	29.5081, 18.8102, 17.0803

Details


The YIQ color **79.7290, 54.9270, 1.2550** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **74.2710, -54.9270, -1.2550**, and the grayscale version is **80.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **131.1920, 60.9330, 2.5410**, and **33.5890, 40.9420, 6.9100** is the 20% darker color. If you saturate the color by 10%, you get **73.5510, 61.3000, 1.3960**, and if you desaturate by 10%, it is **85.9070, 48.5540, 1.1140**.

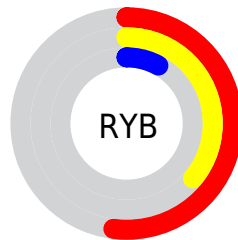
Distribution



 Red (52%)

 Green (25%)

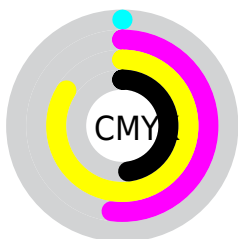
 Blue (8%)




 Red (52%)

 Yellow (36%)

 Blue (8%)

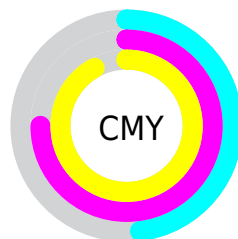



 Cyan (0%)


 Magenta (52%)

 Yellow (84%)

 Black (48%)



 Cyan (48%)

 Magenta (75%)

 Yellow (92%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 79.7290, 54.9270, 1.2550 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 79.7290, 54.9270, 1.2550 by changing the saturation by 10% instead.

■ 79.7290, 54.9270,
1.2550

■ 79.7290, 54.9270,
1.2550

■ 255.0000, -0.0000,
-0.0000

■ 55.4620, 51.3050,
0.8170

■ 131.1920, 60.9330,
2.5410

■ 33.5890, 40.9420,
6.9100

■ 158.1600, 63.9590,
2.7670

■ 14.9500, 29.8000,
10.6000

■ 185.8290, 66.3890,
2.7810

■ 5.0830, 10.1320,
3.6040

■ 205.8380, 53.0020,
-2.4060

■ 0.0000, 0.0000,
0.0000

■ 225.3520, 36.6350,
-8.6530

■ 245.5670, 19.6720,

-15.1120

■ 251.6940, 9.3090,
-9.0190

■ 79.7290, 54.9270,
1.2550

■ 79.7290, 54.9270,
1.2550

■ 73.5510, 61.3000,
1.3960

■ 85.9070, 48.5540,
1.1140

■ 69.7040, 65.2430,
1.5230

■ 92.1990, 41.8600,
1.2840

■ 98.9640, 35.2120,
0.6200

■ 105.1420, 28.8390,
0.4790

■ 111.4340, 22.1450,
0.6490

■ 117.6120, 15.7720,
0.5080

■ 123.7900, 9.3990,
0.3670

■ 130.5550, 2.7510,
-0.2970

■ 136.8470, -3.9430,
-0.1270

Harmonies

Analogous

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



78.6980, 57.3530, 23.3770



79.7290, 54.9270, 1.2550



78.0670, 41.4510, -18.8450

Triad

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



79.7290, 54.9270, 1.2550



67.2500, -51.5750, -28.9750



82.4570, -28.2470, 21.8410

Complementary

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



79.7290, 54.9270, 1.2550



74.2710, -54.9270, -1.2550

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.



70.7280, -75.1470, 1.7570



79.7290, 54.9270, 1.2550



71.5820, -63.7730, -17.1570

Square

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



79.7290, 54.9270, 1.2550



63.9620, -33.5090, -37.0050



73.3550, -72.8990, -5.9470



85.2900, 15.1240, 34.2920

Rectangle

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



79.7290, 54.9270, 1.2550



76.1850, 26.1390, -27.6930



73.3550, -72.8990, -5.9470



76.2800, -49.9780, 13.6860

Sweetspot

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



79.7290, 54.9270, 1.2550



152.8360, 20.9530, 0.2250



62.5820, 43.9610, 45.8250



74.6440, 12.7460, 0.2820



214.0000, -0.0000, 0.0000



87.0000, -0.0000, -0.0000

Same Dimension

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



79.7290, 54.9270, 1.2550



90.4690, 84.9580, 2.1580



111.4270, 40.0770, -26.9870



62.9680, 3.0260, 0.2260



68.2200, 63.7300, 1.4100



1.4840, 1.5130, 0.1130

Inverse Universe

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



74.2710, -54.9270, -1.2550



82.5310, -84.9580, -2.1580



42.5730, -40.0770, 26.9870



63.0320, -3.0260, -0.2260



61.7800, -63.7300, -1.4100



1.5160, -1.5130, -0.1130

Previews

White Background



This preview shows how the YIQ color 79.7290, 54.9270, 1.2550 looks on a white background.

Color Contrast Check

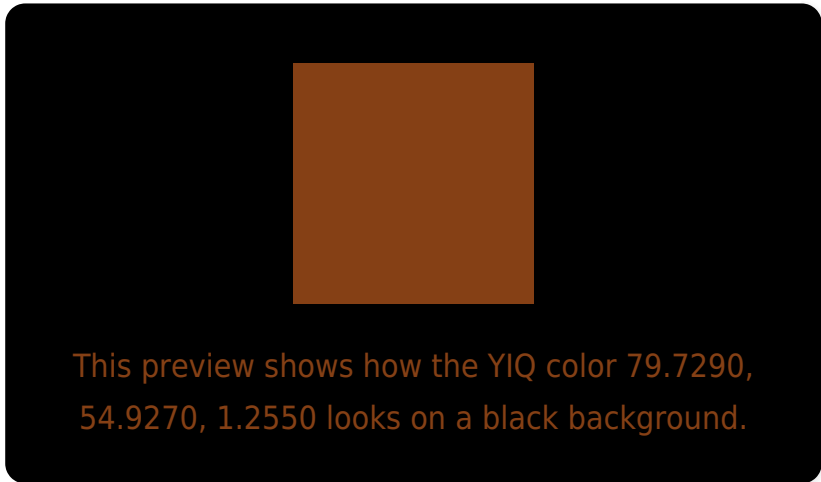
Large Text (above 18pt) WCAG AA ✓ Pass

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 79.7290, 54.9270, 1.2550

Background



This preview shows how black text looks on a background with the YIQ color 79.7290, 54.9270, 1.2550.



This preview shows how white text looks on a background with the YIQ color 79.7290, 54.9270,

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

79.7290, 54.9270, 1.2550

Protanopia

80.3780, 24.5780, -15.9180

Deuteranopia

80.1360, 37.0030, -15.3250



Tritanopia

82.8810, 43.4160, 17.1440

Trichromacy



Original Color

79.7290, 54.9270, 1.2550

Protanomaly

80.2270, 35.4890, -9.9110

Deuteranomaly

79.9460, 43.6500, -9.1340

Tritanomaly

81.3450, 47.6810, 11.4330

Monochromacy



Original Color

79.7290, 54.9270, 1.2550

Achromatopsia

80.0000, 0.0000, -0.0000

Achromatomaly

79.7650, 19.7150, 0.6350

CSS Examples

Text

The CSS property to change the color of the text to YIQ 79.7290, 54.9270, 1.2550 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(133, 64, 21)` looks like.

```
.text, #text, p{  
    color:rgb(133, 64, 21)  
}
```

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(133, 64, 21) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 64, 21) }
```

Border

The CSS property to change the border of an element to YIQ 79.7290, 54.9270, 1.2550 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(133, 64, 21) }
```


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

```
.border{ border-color:rgb(133, 64, 21) }
```

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

Here you see how a box with a 4 pixel rgb(133, 64, 21) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 64, 21); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 64, 21);  
box-shadow:4px 4px 4px 4px rgb(133, 64,  
21) }
```

Background

The CSS property to change the background color of an element to YIQ 79.7290, 54.9270, 1.2550 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 64, 21) }
```

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

```
.background{ background-color: rgb(133, 64,  
21) }
```

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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