

Converting Colors

YIQ(72.9470, 7.5190, 1.3990)

Have a look what the booklet for
YIQ(72.9470, 7.5190, 1.3990)
contains.

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Color

YIQ(72.9470, 7.5190, 1.3990)

Conversions

Conversions Part 1

Format	Color
Hex	514643
RGB	81, 70, 67
RGB Percent	32%, 27%, 26%
CMY	0.6823, 0.7255, 0.7372
CMYK	0.00, 0.14, 0.17, 0.68
HSL	13°, 9%, 29%
HSV	13°, 17%, 32%
XYZ	6.5971, 6.5347, 6.2251
YIQ	72.9470, 7.5190, 1.3990

Conversions

Conversions Part 2

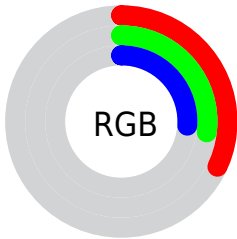
Format	Color
R_{YB}	81, 71, 67
Decimal	5326403
CIE Lab	30.72, 4.09, 3.51
CIE LCh	31, 5.389, 40.639
Yxy	6.5347, 0.3408, 0.3376
Android (android.graphics.Color)	4283516483 (0xFF514643)
YUV	72.9470, -2.9319, 7.0625
Hunter-Lab	25.5630, 1.3305, 3.4559

Details

The YIQ color **72.9470, 7.5190, 1.3990** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **75.0530, -7.5190, -1.3990**, and the grayscale version is **73.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **121.2460, 8.1150, 1.6110**, and **29.3490, 6.3270, 0.9750** is the 20% darker color. If you saturate the color by 10%, you get **68.5130, 11.7370, 2.0490**, and if you desaturate by 10%, it is **77.3810, 3.3010, 0.7490**.

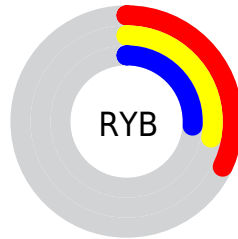
Distribution



Red (32%)

Green (27%)

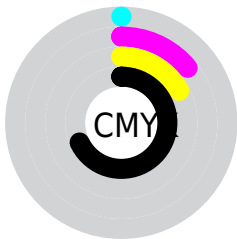
Blue (26%)



Red (32%)

Yellow (28%)

Blue (26%)

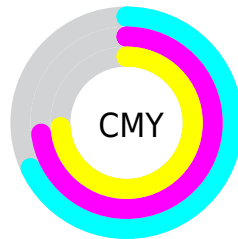


Cyan (0%)

Magenta (14%)

Yellow (17%)

Black (68%)



Cyan (68%)

Magenta (73%)

Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 72.9470, 7.5190, 1.3990 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 72.9470, 7.5190, 1.3990 by changing the saturation by 10% instead.

■ 72.9470, 7.5190,
1.3990

■ 72.9470, 7.5190,
1.3990

■ 255.0000, -0.0000,
-0.0000

■ 50.6480, 6.9230,
1.1870

■ 121.2460, 8.1150,
1.6110

■ 29.3490, 6.3270,
0.9750

■ 147.4310, 9.0320,
1.5120

■ 4.1860, 8.3440,
2.9680

■ 173.5450, 8.7110,
1.8230

■ 0.0000, 0.0000,
0.0000

■ 201.4310, 9.0320,
1.5120

■ 229.4310, 9.0320,
1.5120

■ 253.8430, 1.8800,

-1.0320

■ 72.9470, 7.5190,
1.3990

■ 72.9470, 7.5190,
1.3990

■ 68.5130, 11.7370,
2.0490

■ 77.3810, 3.3010,
0.7490

■ 63.4920, 16.2300,
3.2220

■ 82.4020, -1.1920,
-0.4240

■ 59.0580, 20.4480,
3.8720

■ 86.8360, -5.4100,
-1.0740

■ 54.6240, 24.6660,
4.5220

■ 91.2700, -9.6280,
-1.7240

■ 49.6030, 29.1590,
5.6950

■ 96.4050, -14.4420,
-2.5860

■ 45.0550, 33.6980,
6.0340

■ 100.8390,
-18.6600, -3.2360

■ 40.0340, 38.1910,
7.2070

■ 105.8600,
-23.1530, -4.4090

■ 35.6000, 42.4090,
7.8570

■ 110.2940,
-27.3710, -5.0590

■ 34.1980, 43.6010,
8.2810

■ 114.7280,
-31.5890, -5.7090

Harmonies

Analogous

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



72.8160, 6.5100, 3.1660



72.9470, 7.5190, 1.3990



72.4090, 6.0980, -0.3820

Triad

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



72.9470, 7.5190, 1.3990



71.3260, -4.0340, -3.9860



72.3140, -3.7600, 2.0640

Complementary

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



72.9470, 7.5190, 1.3990



75.0530, -7.5190, -1.3990

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.



71.4060, -7.0150, 0.4810



72.9470, 7.5190, 1.3990



70.9990, -7.4270, -3.0670

Square

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



72.9470, 7.5190, 1.3990



71.5930, -0.4120, -3.5480



70.8680, -8.4360, -1.3000



73.1080, -0.1840, 3.3360

Rectangle

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



72.9470, 7.5190, 1.3990



72.2840, 4.9520, -1.6400



70.8680, -8.4360, -1.3000



72.4170, -5.5480, 1.4280

Sweetspot

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



72.9470, 7.5190, 1.3990



101.3810, 3.3010, 0.7490



72.4400, 4.8130, 6.3890



51.7830, 2.1090, 0.3250



181.0000, -0.0000, 0.0000



54.0000, -0.0000, 0.0000

Same Dimension

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



72.9470, 7.5190, 1.3990



91.9260, 12.0120, 2.5720



77.0560, 5.5940, -2.2620



38.7830, 2.1090, 0.3250



44.3090, 56.5300, 10.7540



98.7180, 124.5220, 23.0340

Inverse Universe

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



75.0530, -7.5190, -1.3990



95.4870, -11.7370, -2.0490



70.9440, -5.5940, 2.2620



39.2170, -2.1090, -0.3250



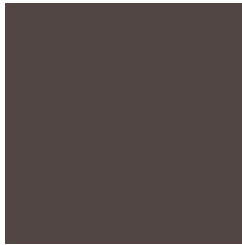
60.1040, -56.2550, -10.2310



133.8690, -124.7970, -23.5570

Previews

White Background



This preview shows how the YIQ color 72.9470, 7.5190, 1.3990 looks on a white background.

Color Contrast Check

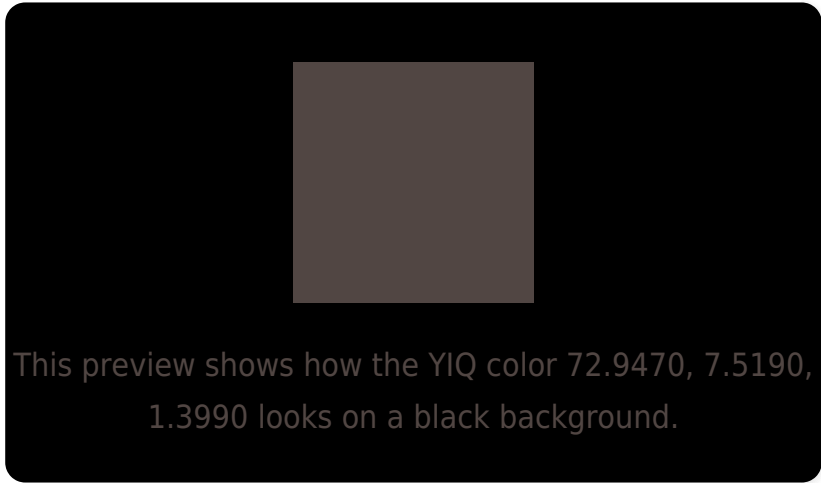
Large Text (above 18pt) WCAG AA ✓ Pass

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

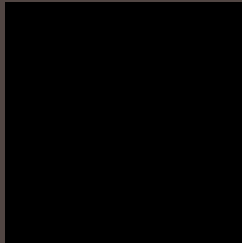
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 72.9470, 7.5190, 1.3990

Background



This preview shows how black text looks on a background with the YIQ color 72.9470, 7.5190, 1.3990.



This preview shows how white text looks on a background with the YIQ color 72.9470, 7.5190, 1.3990.

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

72.9470, 7.5190, 1.3990

Protanopia

72.4410, 3.0720, -0.6080

Deuteranopia

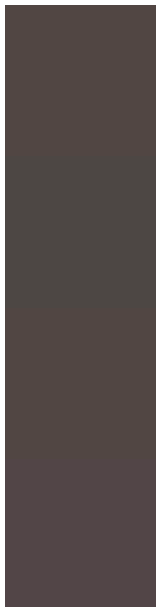
72.9470, 7.5190, 1.3990



Tritanopia

73.4570, 6.1430, 4.3110

Trichromacy



Original Color

72.9470, 7.5190, 1.3990

Protanomaly

72.4520, 4.5390, 0.3390

Deuteranomaly

72.9470, 7.5190, 1.3990

Tritanomaly

73.1150, 7.1060, 3.3780

Monochromacy



Original Color

72.9470, 7.5190, 1.3990

Achromatopsia

73.0000, -0.0000, -0.0000

Achromatomaly

73.0820, 2.7050, 0.5370

CSS Examples

Text

The CSS property to change the color of the text to YIQ 72.9470, 7.5190, 1.3990 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(81, 70, 67)` looks like.

```
.text, #text, p{  
    color:rgb(81, 70, 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(81, 70, 67) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(81, 70, 67) }
```

Border

The CSS property to change the border of an element to YIQ 72.9470, 7.5190, 1.3990 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(81, 70, 67) }
```

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

```
.border{ border-color:rgb(81, 70, 67) }
```

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

Here you see how a box with a 4 pixel `rgb(81, 70, 67)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(81, 70, 67); -webkit-box-  
shadow:4px 4px 4px 4px rgb(81, 70, 67);  
box-shadow:4px 4px 4px 4px rgb(81, 70, 67)  
}
```


Background

The CSS property to change the background color of an element to YIQ 72.9470, 7.5190, 1.3990 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(81, 70, 67) }
```

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

```
.background{ background-color: rgb(81, 70,  
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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