

Converting Colors

YIQ(71.1690, 7.0140, 5.0460)

Have a look what the booklet for
YIQ(71.1690, 7.0140, 5.0460)
contains.

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Color

YIQ(71.1690, 7.0140, 5.0460)

Conversions

Conversions Part 1

Format	Color
Hex	514248
RGB	81, 66, 72
RGB Percent	32%, 26%, 28%
CMY	0.6823, 0.7412, 0.7176
CMYK	0.00, 0.19, 0.11, 0.68
HSL	336°, 10%, 29%
HSV	336°, 19%, 32%
XYZ	6.5119, 6.1134, 6.9687
YIQ	71.1690, 7.0140, 5.0460

Conversions

Conversions Part 2

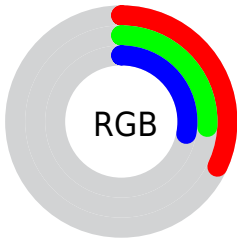
Format	Color
R _Y B	81, 66, 72
Decimal	5325384
CIE Lab	29.70, 7.63, -1.21
CIE LCh	30, 7.721, 350.961
Yxy	6.1134, 0.3323, 0.3120
Android (android.graphics.Color)	4283515464 (0xFF514248)
YUV	71.1690, 0.4097, 8.6218
Hunter-Lab	24.7253, 3.7424, 0.5972

Details

The YIQ color $[71.1690, 7.0140, 5.0460]$ is a dark color, and the websafe version is hex 333333 . A complement of this color would be $[75.8310, -7.0140, -5.0460]$, and the grayscale version is $[71.0000, -0.0000, -0.0000]$.

A 20% lighter version of the original color is $[119.4680, 7.6100, 5.2580]$, and $[27.5710, 5.8220, 4.6220]$ is the 20% darker color. If you saturate the color by 10%, you get $[65.9030, 10.8190, 7.6750]$, and if you desaturate by 10%, it is $[76.4350, 3.2090, 2.4170]$.

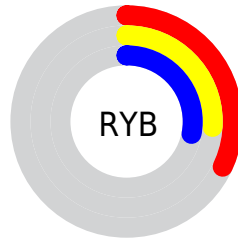
Distribution



 Red (32%)

 Green (26%)

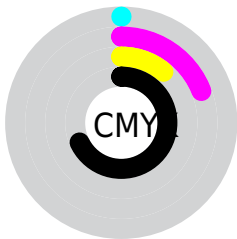
 Blue (28%)



 Red (32%)

 Yellow (26%)

 Blue (28%)

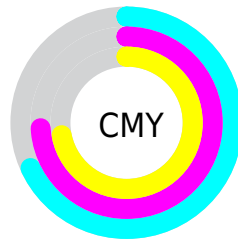


 Cyan (0%)

 Magenta (19%)

 Yellow (11%)

 Black (68%)



 Cyan (68%)

 Magenta (74%)

 Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 71.1690, 7.0140, 5.0460 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 71.1690, 7.0140, 5.0460 by changing the saturation by 10% instead.

■ 71.1690, 7.0140,
5.0460

■ 71.1690, 7.0140,
5.0460

■ 255.0000, -0.0000,
-0.0000

■ 48.8700, 6.4180,
4.8340

■ 119.4680, 7.6100,
5.2580

■ 27.5710, 5.8220,
4.6220

■ 145.1800, 8.4810,
5.9930

■ 4.7130, 8.2980,
3.8020

■ 171.8810, 7.8850,
5.7810

■ 0.0000, 0.0000,
0.0000

■ 199.1800, 8.4810,
5.9930

■ 227.1800, 8.4810,
5.9930

■ 251.4780, 1.6500,

3.1380

■ 71.1690, 7.0140,
5.0460

■ 71.1690, 7.0140,
5.0460

■ 65.9030, 10.8190,
7.6750

■ 76.4350, 3.2090,
2.4170

■ 60.6370, 14.6240,
10.3040

■ 81.7010, -0.5960,
-0.2120

■ 55.3710, 18.4290,
12.9330

■ 86.9670, -4.4010,
-2.8410

■ 50.2190, 21.9130,
15.8730

■ 92.1190, -7.8850,
-5.7810

■ 44.3660, 25.9930,
19.0250

■ 97.9720, -11.9650,
-8.9330

■ 39.1000, 29.7980,
21.6540

■ 103.2380,
-15.7700, -11.5620

■ 33.8340, 33.6030,
24.2830

■ 108.5040,
-19.5750, -14.1910

■ 28.5680, 37.4080,
26.9120

■ 113.7700,
-23.3800, -16.8200

■ 27.8670, 38.0040,
27.1240

■ 119.0360,
-27.1850, -19.4490

Harmonies

Analogous

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



70.9450, 1.8330, 5.3290



71.1690, 7.0140, 5.0460



71.0830, 10.1320, 3.6040

Triad

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



71.1690, 7.0140, 5.0460



69.3330, 3.2560, -3.9440



68.6010, -12.0580, -1.7380

Complementary

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



71.1690, 7.0140, 5.0460



75.8310, -7.0140, -5.0460

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.



67.7320, -11.0490, -3.5050



71.1690, 7.0140, 5.0460



68.1690, -2.1540, -5.0180

Square

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



71.1690, 7.0140, 5.0460



70.1380, 8.2990, -1.7250



67.9450, -7.3350, -4.7350



69.2640, -9.4910, 1.3010

Rectangle

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



71.1690, 7.0140, 5.0460



70.9150, 10.5450, 1.6250



67.9450, -7.3350, -4.7350



68.1880, -12.3330, -2.2610

Sweetspot

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



71.1690, 7.0140, 5.0460



100.4350, 3.2090, 2.4170



70.4010, 0.5490, 6.5730



51.3100, 2.0630, 1.1590



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.



71.1690, 7.0140, 5.0460



89.9030, 10.8190, 7.6750



71.0720, 8.6650, 2.6570



38.3100, 2.0630, 1.1590



36.1830, 49.0980, 35.3220



79.9700, 108.4190, 78.1070

Inverse Universe

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



71.1690, 7.0140, 5.0460



89.9030, 10.8190, 7.6750



75.9280, -8.6650, -2.6570



38.3100, 2.0630, 1.1590



36.1830, 49.0980, 35.3220



79.9700, 108.4190, 78.1070

Previews

White Background



This preview shows how the YIQ color 71.1690, 7.0140, 5.0460 looks on a white background.

Color Contrast Check

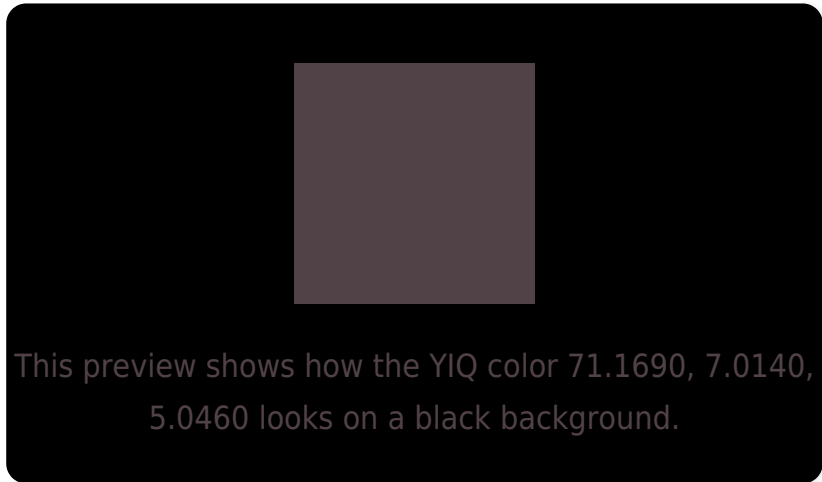
Large Text (above 18pt) WCAG AA ✓ Pass

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

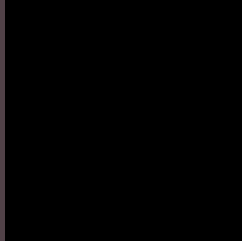
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 71.1690, 7.0140, 5.0460

Background



This preview shows how black text looks on a background with the YIQ color 71.1690, 7.0140, 5.0460.



This preview shows how white text looks on a background with the YIQ color 71.1690, 7.0140, 5.0460.

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

71.1690, 7.0140, 5.0460

Protanopia

70.4560, -1.2840, 1.2440

Deuteranopia

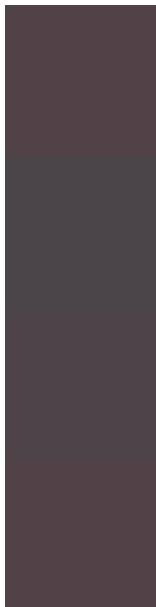
70.8480, 3.4840, 2.9400



Tritanopia

71.0550, 7.3350, 4.7350

Trichromacy



Original Color

71.1690, 7.0140, 5.0460

Protanomaly

70.9510, 1.6960, 2.3040

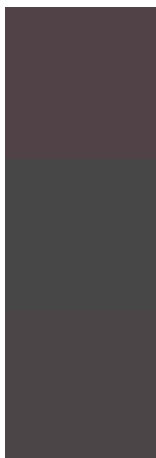
Deuteranomaly

70.8590, 4.9510, 3.8870

Tritanomaly

71.0550, 7.3350, 4.7350

Monochromacy



Original Color

71.1690, 7.0140, 5.0460

Achromatopsia

71.0000, -0.0000, -0.0000

Achromatomaly

71.0220, 2.9340, 1.8940

CSS Examples

Text

The CSS property to change the color of the text to YIQ 71.1690, 7.0140, 5.0460 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, 66, 72)` looks like.

```
.text, #text, p{  
    color:rgb(81, 66, 72)  
}
```

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, 66, 72) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(81, 66, 72) }
```

Border

The CSS property to change the border of an element to YIQ 71.1690, 7.0140, 5.0460 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, 66, 72) }
```

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

```
.border{ border-color:rgb(81, 66, 72) }
```

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

Here you see how a box with a 4 pixel `rgb(81, 66, 72)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(81, 66, 72); -webkit-box-  
shadow:4px 4px 4px 4px rgb(81, 66, 72);  
box-shadow:4px 4px 4px 4px rgb(81, 66, 72)  
}
```


Background

The CSS property to change the background color of an element to YIQ 71.1690, 7.0140, 5.0460 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(81, 66, 72) }
```

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

```
.background{ background-color: rgb(81, 66,  
72) }
```

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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