

Converting Colors

YIQ(72.2070, 3.8510, 1.7950)

Have a look what the booklet for
YIQ(72.2070, 3.8510, 1.7950)
contains.

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Color

YIQ(72.2070, 3.8510, 1.7950)

Conversions

Conversions Part 1

Format	Color
Hex	4D4647
RGB	77, 70, 71
RGB Percent	30%, 27%, 28%
CMY	0.6980, 0.7255, 0.7216
CMYK	0.00, 0.09, 0.08, 0.70
HSL	351°, 5%, 29%
HSV	351°, 9%, 30%
XYZ	6.3883, 6.4129, 6.8630
YIQ	72.2070, 3.8510, 1.7950

Conversions

Conversions Part 2

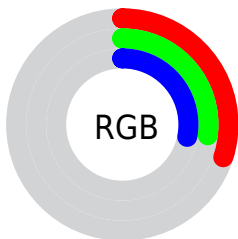
Format	Color
RYB	77, 70, 71
Decimal	5064263
CIELab	30.43, 3.16, 0.46
CIElCh	30, 3.191, 8.282
Yxy	6.4129, 0.3249, 0.3261
Android (android.graphics.Color)	4283254343 (0xFF4D4647)
YUV	72.2070, -0.5951, 4.2035
Hunter-Lab	25.3237, 0.7133, 1.6584

Details

The YIQ color **72.2070, 3.8510, 1.7950** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **74.7930, -3.8510, -1.7950**, and the grayscale version is **72.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **120.5060, 4.4470, 2.0070**, and **28.9080, 3.2550, 1.5830** is the 20% darker color. If you saturate the color by 10%, you get **66.7130, 8.2980, 3.8020**, and if you desaturate by 10%, it is **77.7010, -0.5960, -0.2120**.

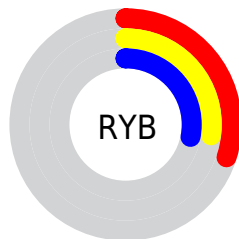
Distribution



Red (30%)

Green (27%)

Blue (28%)



Red (30%)

Yellow (27%)

Blue (28%)

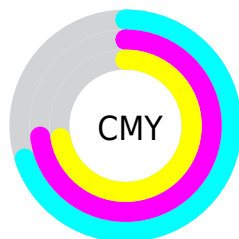


Cyan (0%)

Magenta (9%)

Yellow (8%)

Black (70%)



Cyan (70%)

Magenta (73%)

Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 72.2070, 3.8510, 1.7950 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 72.2070, 3.8510, 1.7950 by changing the saturation by 10% instead.

■ 72.2070, 3.8510,
1.7950

■ 72.2070, 3.8510,
1.7950

255.0000, -0.0000,
-0.0000

■ 49.9080, 3.2550,
1.5830

■ 120.5060, 4.4470,
2.0070

■ 28.9080, 3.2550,
1.5830

■ 146.5060, 4.4470,
2.0070

■ 3.1040, 5.6390,
2.4310

■ 172.8050, 5.0430,
2.2190

■ 0.0000, 0.0000,
0.0000

■ 200.5060, 4.4470,
2.0070

■ 228.5060, 4.4470,
2.0070

254.4130, 0.2750,

0.5230

■ 72.2070, 3.8510,
1.7950

■ 72.2070, 3.8510,
1.7950

■ 66.7130, 8.2980,
3.8020

■ 77.7010, -0.5960,
-0.2120

■ 61.9200, 12.1490,
5.5970

■ 82.4940, -4.4470,
-2.0070

■ 56.4260, 16.5960,
7.6040

■ 87.9880, -8.8940,
-4.0140

■ 51.0460, 20.7220,
9.9220

■ 93.3680, -13.0200,
-6.3320

■ 45.5520, 25.1690,
11.9290

■ 98.8620, -17.4670,
-8.3390

■ 40.6450, 29.3410,
13.4130

■ 103.7690,
-21.6390, -9.8230

■ 35.2650, 33.4670,
15.7310

■ 109.1490,
-25.7650, -12.1410

■ 29.7710, 37.9140,
17.7380

■ 114.6430,
-30.2120, -14.1480

■ 24.9780, 41.7650,
19.5330

■ 119.4360,
-34.0630, -15.9430

Harmonies

Analogous

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



72.2500, 2.2920, 2.5160



72.2070, 3.8510, 1.7950



71.9790, 4.4930, 1.1730

Triad

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



72.2070, 3.8510, 1.7950



70.9460, 0.0920, -1.6680



70.9610, -4.2640, 0.1840

Complementary

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



72.2070, 3.8510, 1.7950



74.7930, -3.8510, -1.7950

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.



71.1350, -4.8140, -0.8620



72.2070, 3.8510, 1.7950



71.1630, -2.0170, -1.9930

Square

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



72.2070, 3.8510, 1.7950



71.7290, 2.2010, -1.3430



70.7930, -3.8510, -1.7950



71.8580, -2.4760, 0.8200

Rectangle

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



72.2070, 3.8510, 1.7950



72.0390, 4.2640, -0.1840



70.7930, -3.8510, -1.7950



71.5480, -4.5390, -0.3390

Sweetspot

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



72.2070, 3.8510, 1.7950



97.0110, 1.4670, 0.9470



72.5920, 1.3290, 3.4490



49.5980, 1.1920, 0.4240



179.0000, -0.0000, -0.0000



51.0000, -0.0000, -0.0000

Same Dimension

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



72.2070, 3.8510, 1.7950



92.1040, 5.6390, 2.4310



73.2670, 3.6220, 0.4380



35.3100, 2.0630, 1.1590



32.2080, 55.9770, 26.2890



72.5320, 126.4870, 59.0230

Inverse Universe

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



72.2070, 3.8510, 1.7950



92.1040, 5.6390, 2.4310



73.7330, -3.6220, -0.4380



35.3100, 2.0630, 1.1590



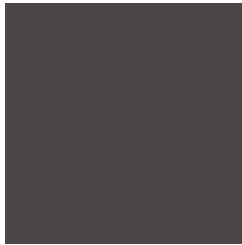
32.2080, 55.9770, 26.2890



72.5320, 126.4870, 59.0230

Previews

White Background



This preview shows how the YIQ color 72.2070, 3.8510, 1.7950 looks on a white background.

Color Contrast Check

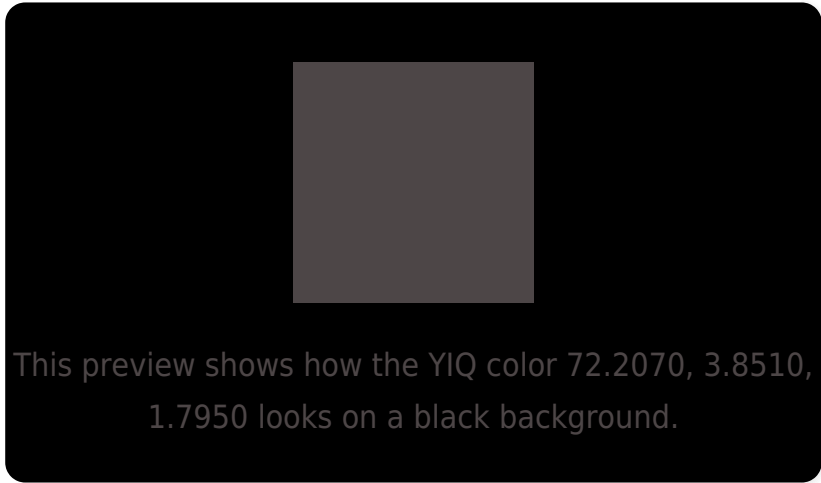
Large Text (above 18pt) WCAG AA ✓ Pass

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

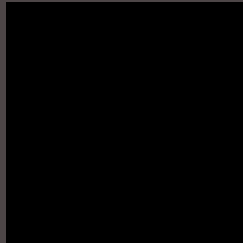
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 72.2070, 3.8510, 1.7950

Background



This preview shows how black text looks on a background with the YIQ color 72.2070, 3.8510, 1.7950.

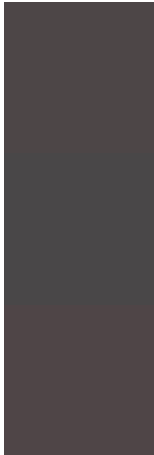


This preview shows how white text looks on a background with the YIQ color 72.2070, 3.8510, 1.7950.

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

72.2070, 3.8510, 1.7950

Protanopia

71.7120, 0.8710, 0.7350

Deuteranopia

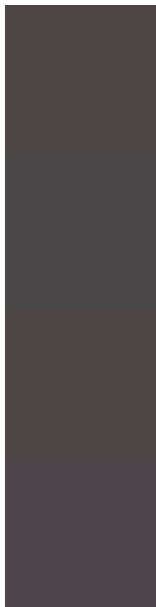
72.2180, 5.3180, 2.7420



Tritanopia

72.3750, 3.4380, 3.7740

Trichromacy



Original Color

72.2070, 3.8510, 1.7950

Protanomaly

72.0110, 1.4670, 0.9470

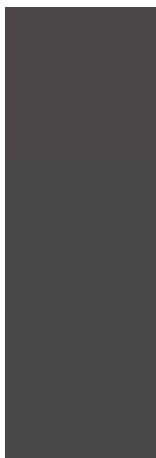
Deuteranomaly

71.9190, 4.7220, 2.5300

Tritanomaly

72.2610, 3.7590, 3.4630

Monochromacy



Original Color

72.2070, 3.8510, 1.7950

Achromatopsia

72.0000, -0.0000, 0.0000

Achromatomaly

72.0110, 1.4670, 0.9470

CSS Examples

Text

The CSS property to change the color of the text to YIQ 72.2070, 3.8510, 1.7950 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(77, 70, 71)` looks like.

```
.text, #text, p{  
    color:rgb(77, 70, 71)  
}
```

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(77, 70, 71) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(77, 70, 71) }
```

Border

The CSS property to change the border of an element to YIQ 72.2070, 3.8510, 1.7950 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(77, 70, 71) }
```

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

```
.border{ border-color:rgb(77, 70, 71) }
```

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

Here you see how a box with a 4 pixel `rgb(77, 70, 71)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(77, 70, 71); -webkit-box-  
shadow:4px 4px 4px 4px rgb(77, 70, 71);  
box-shadow:4px 4px 4px 4px rgb(77, 70, 71)  
}
```


Background

The CSS property to change the background color of an element to YIQ 72.2070, 3.8510, 1.7950 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(77, 70, 71) }
```

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

```
.background{ background-color: rgb(77, 70,  
71) }
```

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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