

Converting Colors

YIQ(70.6360, 7.1970, 7.2370)

Have a look what the booklet for
YIQ(70.6360, 7.1970, 7.2370)
contains.

YIQ(70.6360, 7.1970, 7.2370)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

YIQ(70.6360, 7.1970, 7.2370)

Conversions

Conversions Part 1

Format	Color
Hex	52404B
RGB	82, 64, 75
RGB Percent	32%, 25%, 29%
CMY	0.6784, 0.7490, 0.7059
CMYK	0.00, 0.22, 0.09, 0.68
HSL	323°, 12%, 29%
HSV	323°, 22%, 32%
XYZ	6.5839, 5.9684, 7.4625
YIQ	70.6360, 7.1970, 7.2370

Conversions

Conversions Part 2

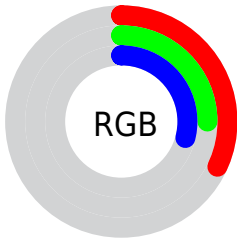
Format	Color
RYB	82, 64, 75
Decimal	5390411
CIELab	29.33, 9.95, -3.69
CIELCh	29, 10.608, 339.657
Yxy	5.9684, 0.3290, 0.2982
Android (android.graphics.Color)	4283580491 (0xFF52404B)
YUV	70.6360, 2.1515, 9.9662
Hunter-Lab	24.4303, 5.3522, -1.0096

Details

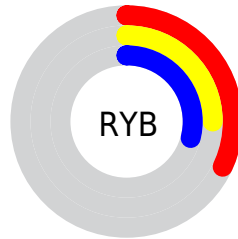
The YIQ color **70.6360, 7.1970, 7.2370** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **75.3640, -7.1970, -7.2370**, and the grayscale version is **71.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **119.3480, 8.0680, 7.9720**, and **26.9240, 6.3260, 6.5020** is the 20% darker color. If you saturate the color by 10%, you get **65.5980, 10.3600, 10.4880**, and if you desaturate by 10%, it is **75.6740, 4.0340, 3.9860**.

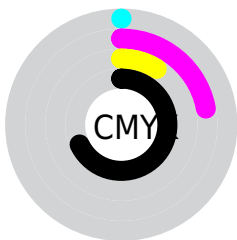
Distribution



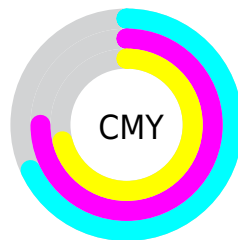
- Red (32%)
- Green (25%)
- Blue (29%)



- Red (32%)
- Yellow (25%)
- Blue (29%)



- Cyan (0%)
- Magenta (22%)
- Yellow (9%)
- Black (68%)



- Cyan (68%)
- Magenta (75%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 70.6360, 7.1970, 7.2370 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 70.6360, 7.1970, 7.2370 by changing the saturation by 10% instead.

■ 70.6360, 7.1970,
7.2370

■ 70.6360, 7.1970,
7.2370

■ 255.0000, -0.0000,
-0.0000

■ 48.2230, 6.9220,
6.7140

■ 119.3480, 8.0680,
7.9720

■ 26.9240, 6.3260,
6.5020

■ 144.7610, 8.3430,
8.4950

■ 5.1690, 7.0140,
5.0460

■ 171.6470, 8.6640,
8.1840

■ 0.0000, 0.0000,
0.0000

■ 198.7610, 8.3430,
8.4950

■ 226.4730, 9.2140,
9.2300

■ 250.3040, 2.2000,

4.1840

■ 70.6360, 7.1970,
7.2370

■ 70.6360, 7.1970,
7.2370

■ 65.5980, 10.3600,
10.4880

■ 75.6740, 4.0340,
3.9860

■ 60.5600, 13.5230,
13.7390

■ 80.7120, 0.8710,
0.7350

■ 54.8210, 17.2820,
17.2020

■ 86.4510, -2.8880,
-2.7280

■ 49.7830, 20.4450,
20.4530

■ 91.4890, -6.0510,
-5.9790

■ 44.7450, 23.6080,
23.7040

■ 96.5270, -9.2140,
-9.2300

■ 39.7070, 26.7710,
26.9550

■ 101.5650,
-12.3770, -12.4810

■ 34.6690, 29.9340,
30.2060

■ 106.6030,
-15.5400, -15.7320

■ 30.2180, 32.8220,
32.9340

■ 112.3420,
-19.2990, -19.1950

■ 117.3800,
-22.4620, -22.4460

Harmonies

Analogous

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



70.2160, -0.3680, 6.6720



70.6360, 7.1970, 7.2370



70.3330, 12.4240, 6.1200

Triad

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



70.6360, 7.1970, 7.2370



68.3720, 7.5200, -4.1280



65.9100, -17.4220, -3.6460

Complementary

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



70.6360, 7.1970, 7.2370



75.3640, -7.1970, -7.2370

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.



65.9980, -14.8540, -6.1340



70.6360, 7.1970, 7.2370



67.4850, -0.2280, -6.8840

Square

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



70.6360, 7.1970, 7.2370



69.4050, 11.9210, -1.2870



66.1790, -8.1140, -7.1380



67.6870, -15.1760, -0.2960

Rectangle

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



70.6360, 7.1970, 7.2370



70.2360, 14.0750, 3.7310



66.1790, -8.1140, -7.1380



66.2690, -17.0550, -4.7910

Sweetspot

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



70.6360, 7.1970, 7.2370



102.5490, 2.8880, 2.7280



68.1450, -1.6060, 7.0820



50.8370, 2.0170, 1.9930



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.



70.6360, 7.1970, 7.2370



89.3100, 11.2310, 11.2230



69.6100, 10.0860, 4.4380



38.4240, 1.7420, 1.4700



38.6910, 42.0360, 42.1640



85.5560, 92.6900, 93.3460

Inverse Universe

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



70.6360, 7.1970, 7.2370



89.3100, 11.2310, 11.2230



76.3900, -10.0860, -4.4380



38.4240, 1.7420, 1.4700



38.6910, 42.0360, 42.1640



85.5560, 92.6900, 93.3460

Previews

White Background



This preview shows how the YIQ color 70.6360, 7.1970, 7.2370 looks on a white background.

Color Contrast Check

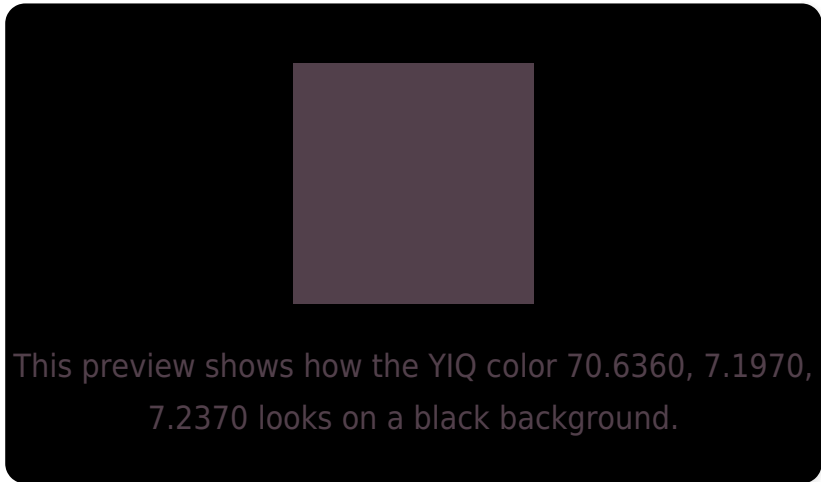
Large Text (above 18pt) WCAG AA ✓ Pass

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

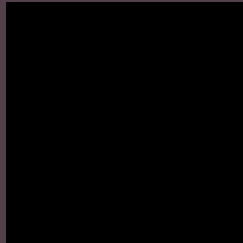
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 70.6360, 7.1970, 7.2370

Background



This preview shows how black text looks on a background with the YIQ color 70.6360, 7.1970, 7.2370.



This preview shows how white text looks on a background with the YIQ color 70.6360, 7.1970, 7.2370.

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

70.6360, 7.1970, 7.2370

Protanopia

69.7270, -3.4850, 2.5870

Deuteranopia

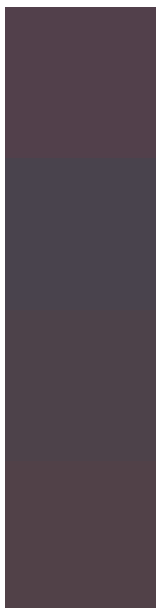
69.8910, 1.9250, 3.6610



Tritanopia

70.3540, 7.9310, 4.9470

Trichromacy



Original Color

70.6360, 7.1970, 7.2370

Protanomaly

69.9340, 0.3660, 4.3820

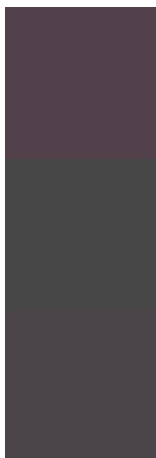
Deuteranomaly

70.2010, 3.9880, 4.8200

Tritanomaly

70.5820, 7.2890, 5.5690

Monochromacy



Original Color

70.6360, 7.1970, 7.2370

Achromatopsia

71.0000, -0.0000, -0.0000

Achromatomaly

70.5490, 2.8880, 2.7280

CSS Examples

Text

The CSS property to change the color of the text to YIQ 70.6360, 7.1970, 7.2370 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(82, 64, 75)` looks like.

```
.text, #text, p{  
    color:rgb(82, 64, 75)  
}
```

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(82, 64, 75) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(82, 64, 75) }
```

Border

The CSS property to change the border of an element to YIQ 70.6360, 7.1970, 7.2370 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(82, 64, 75) }
```

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

```
.border{ border-color:rgb(82, 64, 75) }
```

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

Here you see how a box with a 4 pixel `rgb(82, 64, 75)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(82, 64, 75); -webkit-box-  
shadow:4px 4px 4px 4px rgb(82, 64, 75);  
box-shadow:4px 4px 4px 4px rgb(82, 64, 75)  
}
```


Background

The CSS property to change the background color of an element to YIQ 70.6360, 7.1970, 7.2370 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(82, 64, 75) }
```

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

```
.background{ background-color: rgb(82, 64,  
75) }
```

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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