

Converting Colors

YIQ(62.7170, 2.4750, 4.7070)

Have a look what the booklet for
YIQ(62.7170, 2.4750, 4.7070)
contains.

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Color

YIQ(62.7170, 2.4750, 4.7070)

Conversions

Conversions Part 1

Format	Color
Hex	443B44
RGB	68, 59, 68
RGB Percent	27%, 23%, 27%
CMY	0.7333, 0.7686, 0.7333
CMYK	0.00, 0.13, 0.00, 0.73
HSL	300°, 7%, 25%
HSV	300°, 13%, 27%
XYZ	4.9916, 4.7741, 6.1274
YIQ	62.7170, 2.4750, 4.7070

Conversions

Conversions Part 2

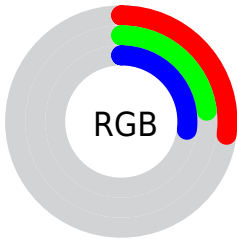
Format	Color
R_{YB}	68, 59, 68
Decimal	4471620
CIE Lab	26.08, 5.86, -4.09
CIE LCh	26, 7.143, 325.084
Yxy	4.7741, 0.3141, 0.3004
Android (android.graphics.Color)	4282661700 (0xFF443B44)
YUV	62.7170, 2.6045, 4.6332
Hunter-Lab	21.8497, 2.5413, -1.3320

Details

The YIQ color **62.7170, 2.4750, 4.7070** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **64.2830, -2.4750, -4.7070**, and the grayscale version is **63.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **110.1300, 2.7500, 5.2300**, and **20.3040, 2.2000, 4.1840** is the 20% darker color. If you saturate the color by 10%, you get **58.6080, 4.4000, 8.3680**, and if you desaturate by 10%, it is **66.8260, 0.5500, 1.0460**.

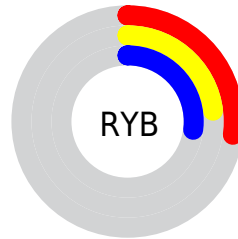
Distribution



Red (27%)

Green (23%)

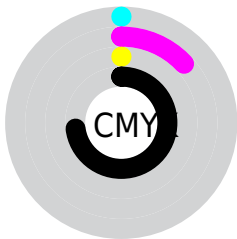
Blue (27%)



Red (27%)

Yellow (23%)

Blue (27%)

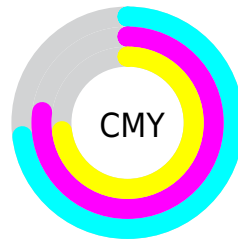


Cyan (0%)

Magenta (13%)

Yellow (0%)

Black (73%)



Cyan (73%)

Magenta (77%)

Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 62.7170, 2.4750, 4.7070 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 62.7170, 2.4750, 4.7070 by changing the saturation by 10% instead.

■ 62.7170, 2.4750,
4.7070

■ 62.7170, 2.4750,
4.7070

■ 255.0000, -0.0000,
-0.0000

■ 40.7170, 2.4750,
4.7070

■ 110.1300, 2.7500,
5.2300

■ 20.3040, 2.2000,
4.1840

■ 135.5430, 3.0250,
5.7530

■ 0.0000, 0.0000,
0.0000

■ 161.5430, 3.0250,
5.7530

■ 188.5430, 3.0250,
5.7530

■ 216.5430, 3.0250,
5.7530

■ 244.9560, 3.3000,

6.2760

■ 62.7170, 2.4750,
4.7070

■ 62.7170, 2.4750,
4.7070

■ 58.6080, 4.4000,
8.3680

■ 66.8260, 0.5500,
1.0460

■ 54.4990, 6.3250,
12.0290

■ 70.9350, -1.3750,
-2.6150

■ 50.9770, 7.9750,
15.1670

■ 74.4570, -3.0250,
-5.7530

■ 46.8680, 9.9000,
18.8280

■ 78.5660, -4.9500,
-9.4140

■ 42.7590, 11.8250,
22.4890

■ 82.6750, -6.8750,
-13.0750

■ 38.6500, 13.7500,
26.1500

■ 86.7840, -8.8000,
-16.7360

■ 34.5410, 15.6750,
29.8110

■ 90.8930, -10.7250,
-20.3970

■ 31.0190, 17.3250,
32.9490

■ 94.4150, -12.3750,
-23.5350

■ 28.0840, 18.7000,
35.5640

■ 98.5240, -14.3000,
-27.1960

Harmonies

Analogous

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



62.5530, -2.9350, 3.6330



62.7170, 2.4750, 4.7070



62.7560, 6.7390, 4.5230

Triad

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



62.7170, 2.4750, 4.7070



61.6540, 6.7860, -1.8380



60.0310, -10.4530, -3.2930

Complementary

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



62.7170, 2.4750, 4.7070



64.2830, -2.4750, -4.7070

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.



60.0590, -7.6560, -4.4240



62.7170, 2.4750, 4.7070



61.1480, 2.3390, -3.8450

Square

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



62.7170, 2.4750, 4.7070



61.9040, 9.0780, 0.6780



60.2830, -2.4750, -4.7070



60.1990, -10.8660, -1.3140

Rectangle

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



62.7170, 2.4750, 4.7070



62.5990, 8.6190, 3.4910



60.2830, -2.4750, -4.7070



59.8030, -9.8110, -3.9150

Sweetspot

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



62.7170, 2.4750, 4.7070



87.2390, 0.8250, 1.5690



60.0260, -2.8890, 2.7990



44.8260, 0.5500, 1.0460



173.0000, -0.0000, 0.0000



46.0000, 0.0000, -0.0000

Same Dimension

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



62.7170, 2.4750, 4.7070



80.7820, 3.8500, 7.3220



62.2610, 3.7590, 3.4630



31.2390, 0.8250, 1.5690



40.0610, 26.6750, 50.7310



92.5120, 61.6000, 117.1520

Inverse Universe

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



62.7170, 2.4750, 4.7070



80.7820, 3.8500, 7.3220



64.8530, -4.0800, -3.1520



31.2390, 0.8250, 1.5690



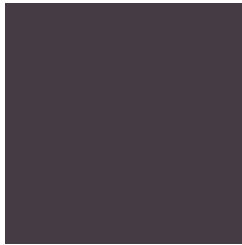
40.0610, 26.6750, 50.7310



92.5120, 61.6000, 117.1520

Previews

White Background



This preview shows how the YIQ color 62.7170, 2.4750, 4.7070 looks on a white background.

Color Contrast Check

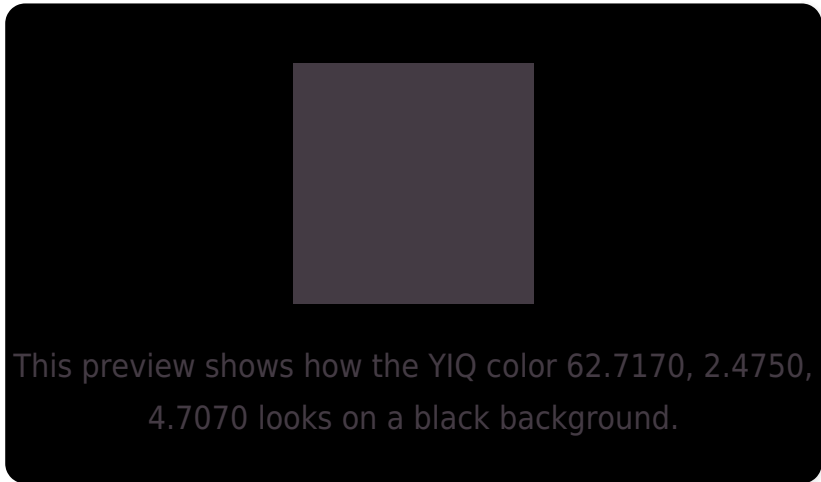
Large Text (above 18pt) WCAG AA ✓ Pass

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

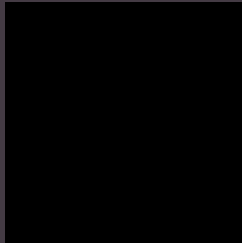
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 62.7170, 2.4750, 4.7070

Background



This preview shows how black text looks on a background with the YIQ color 62.7170, 2.4750, 4.7070.



This preview shows how white text looks on a background with the YIQ color 62.7170, 2.4750, 4.7070.

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

62.7170, 2.4750, 4.7070

Protanopia

61.9120, -2.5680, 2.4880

Deuteranopia

62.4070, 0.4120, 3.5480



Tritanopia

62.5490, 2.8880, 2.7280

Trichromacy



Original Color

62.7170, 2.4750, 4.7070

Protanomaly

62.2220, -0.5050, 3.6470

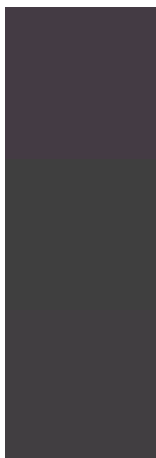
Deuteranomaly

62.7060, 1.0080, 3.7600

Tritanomaly

62.6630, 2.5670, 3.0390

Monochromacy



Original Color

62.7170, 2.4750, 4.7070

Achromatopsia

63.0000, 0.0000, 0.0000

Achromatomaly

63.2390, 0.8250, 1.5690

CSS Examples

Text

The CSS property to change the color of the text to YIQ 62.7170, 2.4750, 4.7070 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(68, 59, 68)` looks like.

```
.text, #text, p{  
    color:rgb(68, 59, 68)  
}
```

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(68, 59, 68) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(68, 59, 68) }
```

Border

The CSS property to change the border of an element to YIQ 62.7170, 2.4750, 4.7070 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(68, 59, 68) }
```

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

```
.border{ border-color:rgb(68, 59, 68) }
```

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

Here you see how a box with a 4 pixel `rgb(68, 59, 68)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(68, 59, 68); -webkit-box-  
shadow:4px 4px 4px 4px rgb(68, 59, 68);  
box-shadow:4px 4px 4px 4px rgb(68, 59, 68)  
}
```


Background

The CSS property to change the background color of an element to YIQ 62.7170, 2.4750, 4.7070 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(68, 59, 68) }
```

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

```
.background{ background-color: rgb(68, 59,  
68) }
```

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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