

Converting Colors

YIQ(62.3700, 11.0020, 9.8660)

Have a look what the booklet for
YIQ(62.3700, 11.0020, 9.8660)
contains.

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Color

**YIQ(62.3700, 11.0020,
9.8660)**

Conversions

Conversions Part 1

Format	Color
Hex	4F3543
RGB	79, 53, 67
RGB Percent	31%, 21%, 26%
CMY	0.6901, 0.7922, 0.7372
CMYK	0.00, 0.33, 0.15, 0.69
HSL	328°, 20%, 26%
HSV	328°, 33%, 31%
XYZ	5.5119, 4.6136, 5.9115
YIQ	62.3700, 11.0020, 9.8660

Conversions

Conversions Part 2

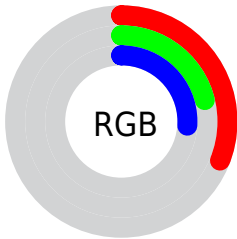
Format	Color
R_{YB}	79, 53, 67
Decimal	5190979
CIE Lab	25.60, 14.21, -4.00
CIE LCh	26, 14.758, 344.274
Yxy	4.6136, 0.3437, 0.2877
Android (android.graphics.Color)	4283381059 (0xFF4F3543)
YUV	62.3700, 2.2826, 14.5845
Hunter-Lab	21.4793, 8.2172, -1.2822

Details

The YIQ color **62.3700, 11.0020, 9.8660** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **69.6300, -11.0020, -9.8660**, and the grayscale version is **62.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **110.3810, 12.4690, 10.8130**, and **18.7720, 9.8100, 9.4420** is the 20% darker color. If you saturate the color by 10%, you get **57.2180, 14.4860, 12.8060**, and if you desaturate by 10%, it is **67.5220, 7.5180, 6.9260**.

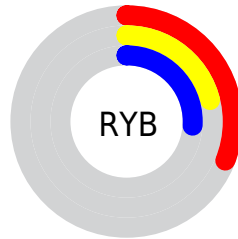
Distribution



Red (31%)

Green (21%)

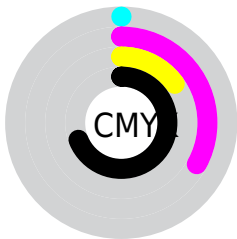
Blue (26%)



Red (31%)

Yellow (21%)

Blue (26%)

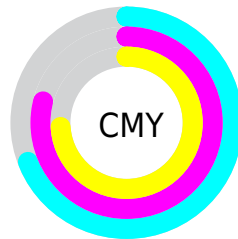


Cyan (0%)

Magenta (33%)

Yellow (15%)

Black (69%)



Cyan (69%)

Magenta (79%)

Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 62.3700, 11.0020, 9.8660 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 62.3700, 11.0020, 9.8660 by changing the saturation by 10% instead.

62.3700, 11.0020,
9.8660

62.3700, 11.0020,
9.8660

255.0000, -0.0000,
-0.0000

40.0710, 10.4060,
9.6540

110.3810, 12.4690,
10.8130

18.7720, 9.8100,
9.4420

135.6800, 13.0650,
11.0250

0.0000, 0.0000,
0.0000

162.0930, 13.3400,
11.5480

189.3920, 13.9360,
11.7600

216.8050, 14.2110,
12.2830

241.5160, 7.6550,

9.9510

■ 62.3700, 11.0020,
9.8660

■ 62.3700, 11.0020,
9.8660

■ 57.2180, 14.4860,
12.8060

■ 67.5220, 7.5180,
6.9260

■ 52.1800, 17.6490,
16.0570

■ 72.5600, 4.3550,
3.6750

■ 47.0280, 21.1330,
18.9970

■ 77.7120, 0.8710,
0.7350

■ 41.8760, 24.6170,
21.9370

■ 82.8640, -2.6130,
-2.2050

■ 36.8380, 27.7800,
25.1880

■ 87.9020, -5.7760,
-5.4560

■ 32.2730, 30.9890,
27.6050

■ 92.4670, -8.9850,
-7.8730

■ 28.5230, 33.2810,
30.1210

■ 97.6190, -12.4690,
-10.8130

■ 102.6570,
-15.6320, -14.0640

■ 107.8090,
-19.1160, -17.0040

Harmonies

Analogous

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



62.2810, 1.0070, 9.2870



62.3700, 11.0020, 9.8660



61.7250, 17.1920, 7.8160

Triad

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



62.3700, 11.0020, 9.8660



59.6770, 7.9790, -6.9410



55.1800, -27.0500, -5.3700

Complementary

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



62.3700, 11.0020, 9.8660



69.6300, -11.0020, -9.8660

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.



54.9260, -23.5190, -8.7910



62.3700, 11.0020, 9.8660



58.4200, -1.6030, -9.4990

Square

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



62.3700, 11.0020, 9.8660



60.6180, 15.6350, -2.5170



55.9610, -13.4320, -9.8800



57.3920, -21.5950, 0.3970

Rectangle

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



62.3700, 11.0020, 9.8660



61.2150, 18.5680, 4.9040



55.9610, -13.4320, -9.8800



54.2400, -27.2790, -6.7270

Sweetspot

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



62.3700, 11.0020, 9.8660



95.5600, 4.3550, 3.6750



59.5520, -1.1940, 10.6300



47.1360, 2.6130, 2.2050



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.



62.3700, 11.0020, 9.8660



75.7670, 17.3740, 15.5340



60.8880, 15.1750, 5.8230



35.4240, 1.7420, 1.4700



36.7680, 43.1370, 38.7290



82.9060, 97.2760, 87.3240

Inverse Universe

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



62.3700, 11.0020, 9.8660



75.7670, 17.3740, 15.5340



71.1120, -15.1750, -5.8230



35.4240, 1.7420, 1.4700



36.7680, 43.1370, 38.7290



82.9060, 97.2760, 87.3240

Previews

White Background



This preview shows how the YIQ color 62.3700, 11.0020, 9.8660 looks on a white background.

Color Contrast Check

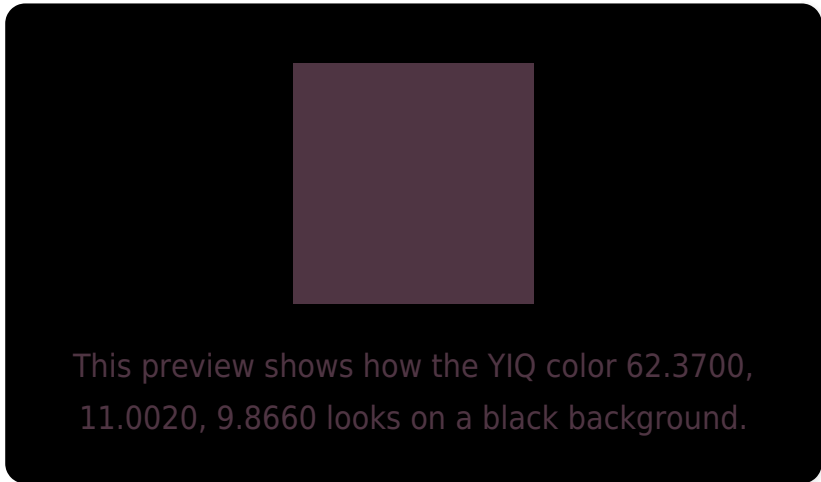
Large Text (above 18pt) WCAG AA ✓ Pass

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

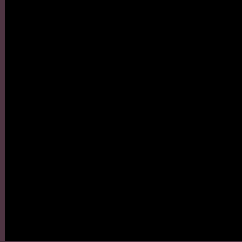
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 62.3700, 11.0020, 9.8660

Background



This preview shows how black text looks on a background with the YIQ color 62.3700, 11.0020, 9.8660.



This preview shows how white text looks on a background with the YIQ color 62.3700, 11.0020,

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

62.3700, 11.0020, 9.8660

Protanopia

61.0690, -4.4480, 3.5200

Deuteranopia

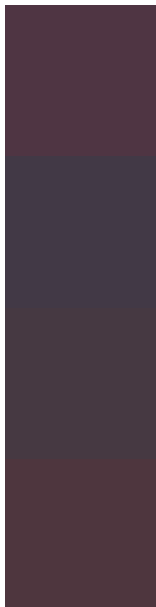
61.5920, 1.3290, 3.4490



Tritanopia

61.7460, 12.6990, 6.6430

Trichromacy



Original Color

62.3700, 11.0020, 9.8660

Protanomaly

61.1730, 1.1910, 5.9510

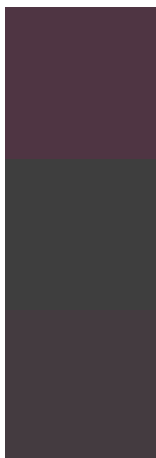
Deuteranomaly

61.9130, 4.8590, 5.5550

Tritanomaly

62.0880, 11.7360, 7.5760

Monochromacy



Original Color

62.3700, 11.0020, 9.8660

Achromatopsia

62.0000, -0.0000, -0.0000

Achromatomaly

62.2610, 3.7590, 3.4630

CSS Examples

Text

The CSS property to change the color of the text to YIQ 62.3700, 11.0020, 9.8660 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(79, 53, 67)` looks like.

```
.text, #text, p{  
    color:rgb(79, 53, 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(79, 53, 67) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(79, 53, 67) }
```

Border

The CSS property to change the border of an element to YIQ 62.3700, 11.0020, 9.8660 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(79, 53, 67) }
```


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

```
.border{ border-color:rgb(79, 53, 67) }
```

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

Here you see how a box with a 4 pixel `rgb(79, 53, 67)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(79, 53, 67); -webkit-box-  
shadow:4px 4px 4px 4px rgb(79, 53, 67);  
box-shadow:4px 4px 4px 4px rgb(79, 53, 67)  
}
```

Background

The CSS property to change the background color of an element to YIQ 62.3700, 11.0020, 9.8660 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(79, 53, 67) }
```

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

```
.background{ background-color: rgb(79, 53,  
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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