

Converting Colors

YIQ(52.3670, 42.5880, 32.1560)

Have a look what the booklet for
YIQ(52.3670, 42.5880, 32.1560)
contains.

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Color

**YIQ(52.3670, 42.5880,
32.1560)**

Conversions

Conversions Part 1

Format	Color
Hex	71143C
RGB	113, 20, 60
RGB Percent	44%, 8%, 24%
CMY	0.5566, 0.9217, 0.7646
CMYK	0.00, 0.82, 0.47, 0.56
HSL	334°, 70%, 26%
HSV	334°, 82%, 44%
XYZ	7.8841, 4.3404, 4.7021
YIQ	52.3670, 42.5880, 32.1560

Conversions

Conversions Part 2

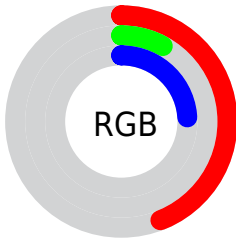
Format	Color
R_{YB}	113, 20, 60
Decimal	7410748
CIE Lab	24.77, 42.34, 0.12
CIE LCh	25, 42.343, 0.161
Yxy	4.3404, 0.4658, 0.2564
Android (android.graphics.Color)	4285600828 (0xFF71143C)
YUV	52.3670, 3.7631, 53.1751
Hunter-Lab	20.8337, 31.0912, 1.2020

Details

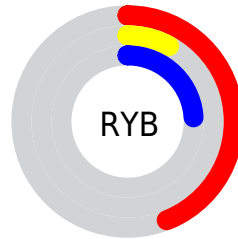
The YIQ color **52.3670, 42.5880, 32.1560** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **80.6330, -42.5880, -32.1560**, and the grayscale version is **52.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **106.1670, 46.0270, 30.4030**, and **19.9920, 29.9820, 18.3180** is the 20% darker color. If you saturate the color by 10%, you get **45.2260, 47.5390, 36.0430**, and if you desaturate by 10%, it is **59.5080, 37.6370, 28.2690**.

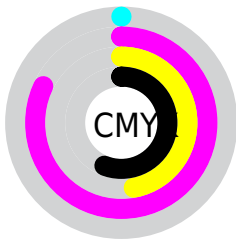
Distribution



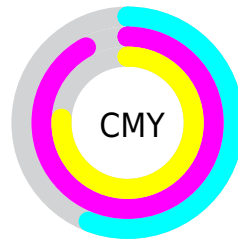
- Red (44%)
- Green (8%)
- Blue (24%)



- Red (44%)
- Yellow (8%)
- Blue (24%)



- Cyan (0%)
- Magenta (82%)
- Yellow (47%)
- Black (56%)



- Cyan (56%)
- Magenta (92%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 52.3670, 42.5880, 32.1560 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 52.3670, 42.5880, 32.1560 by changing the saturation by 10% instead.

■ 52.3670, 42.5880,
32.1560

■ 52.3670, 42.5880,
32.1560

■ 255.0000, -0.0000,
-0.0000

■ 30.0460, 39.0580,
30.0500

■ 106.1670, 46.0270,
30.4030

■ 19.9920, 29.9820,
18.3180

■ 132.6510, 47.5400,
30.5160

■ 10.2800, 19.9430,
7.5190

■ 159.8470, 49.9240,
31.3640


■ 0.0000, 0.0000,
0.0000


■ 187.1460, 50.5200,
31.5760


■ 206.7740, 33.8320,
25.6400


■ 226.4020, 17.1440,


19.7040


 245.0210, 4.6750,
8.8910


 52.3670, 42.5880,
32.1560


 52.3670, 42.5880,
32.1560


 45.2260, 47.5390,
36.0430


 59.5080, 37.6370,
28.2690

 39.3730, 51.6190,
39.1950

 67.3500, 32.0900,
24.1700

 74.4910, 27.1390,
20.2830

 81.7460, 21.8670,
16.7070

 88.8870, 16.9160,
12.8200

■ 96.7290, 11.3690,
8.7210

■ 103.8700, 6.4180,
4.8340

■ 111.1250, 1.1460,
1.2580

■ 118.8530, -4.0800,
-3.1520

Harmonies

Analogous

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



58.4490, 18.9300, 31.3940



52.3670, 42.5880, 32.1560



53.2300, 49.7430, 18.1190

Triad

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



52.3670, 42.5880, 32.1560



51.0010, 6.2860, -25.8260



54.0860, -55.8440, -1.1560

Complementary

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



52.3670, 42.5880, 32.1560



80.6330, -42.5880, -32.1560

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.



53.1110, -48.9650, -10.1890



52.3670, 42.5880, 32.1560



44.5270, -27.5500, -29.3580

Square

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



52.3670, 42.5880, 32.1560



55.2860, 27.8330, -14.3350



49.4630, -38.6930, -20.1410



51.0030, -56.8080, 5.3040

Rectangle

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



52.3670, 42.5880, 32.1560



54.4880, 48.4160, 3.6160



49.4630, -38.6930, -20.1410



53.9890, -54.1930, -3.5450

Sweetspot

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



52.3670, 42.5880, 32.1560



123.8870, 16.9160, 12.8200



46.4490, 1.7350, 40.1590



59.6040, 10.2230, 7.4630



201.0000, -0.0000, 0.0000



74.0000, -0.0000, 0.0000

Same Dimension

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



52.3670, 42.5880, 32.1560



52.1350, 67.3890, 50.7570



51.3290, 53.7780, 16.5780



52.1360, 2.6130, 2.2050



41.8080, 54.8280, 41.6120



85.9370, 113.1860, 85.3300

Inverse Universe

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



52.3670, 42.5880, 32.1560



52.1350, 67.3890, 50.7570



81.6710, -53.7780, -16.5780



52.1360, 2.6130, 2.2050



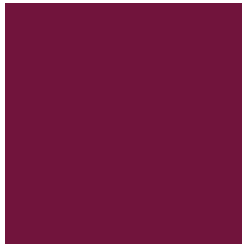
41.8080, 54.8280, 41.6120



85.9370, 113.1860, 85.3300

Previews

White Background



This preview shows how the YIQ color 52.3670, 42.5880, 32.1560 looks on a white background.

Color Contrast Check

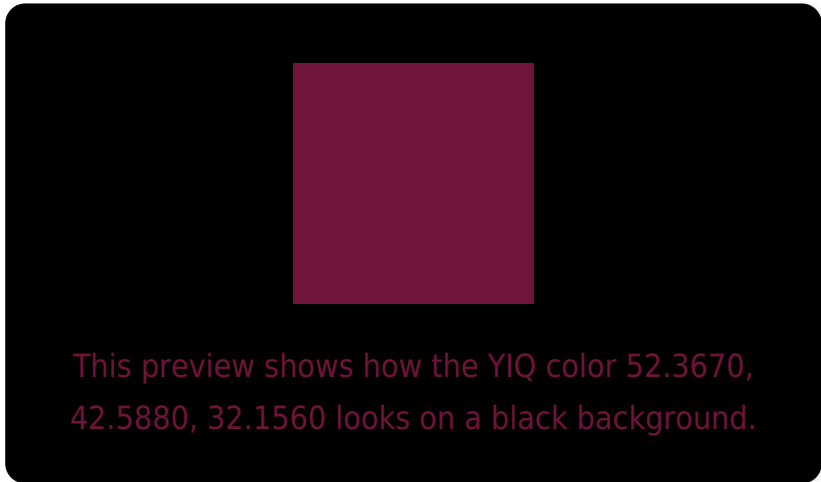
Large Text (above 18pt) WCAG AA ✓ Pass

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 52.3670, 42.5880, 32.1560

Background



This preview shows how black text looks on a background with the YIQ color 52.3670, 42.5880, 32.1560.



This preview shows how white text looks on a background with the YIQ color 52.3670, 42.5880,

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

52.3670, 42.5880, 32.1560

Protanopia

60.8280, -10.9590, 5.8810

Deuteranopia

61.6480, 6.9230, 1.1870



Tritanopia

53.6320, 48.5510, 17.6950

Trichromacy



Original Color

52.3670, 42.5880, 32.1560

Protanomaly

57.3900, 8.2500, 15.6900

Deuteranomaly

58.3280, 19.9880, 12.2120

Tritanomaly

53.4240, 46.4410, 22.8970

Monochromacy



Original Color

52.3670, 42.5880, 32.1560

Achromatopsia

52.0000, -0.0000, -0.0000

Achromatomaly

51.8760, 15.4490, 11.8730

CSS Examples

Text

The CSS property to change the color of the text to YIQ 52.3670, 42.5880, 32.1560 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(113, 20, 60)` looks like.

```
.text, #text, p{  
    color:rgb(113, 20, 60)  
}
```

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(113, 20, 60) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(113, 20, 60) }
```

Border

The CSS property to change the border of an element to YIQ 52.3670, 42.5880, 32.1560 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(113, 20, 60) }
```


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

```
.border{ border-color:rgb(113, 20, 60) }
```

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

Here you see how a box with a 4 pixel rgb(113, 20, 60) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(113, 20, 60); -webkit-box-  
shadow:4px 4px 4px 4px rgb(113, 20, 60);  
box-shadow:4px 4px 4px 4px rgb(113, 20,  
60) }
```

Background

The CSS property to change the background color of an element to YIQ 52.3670, 42.5880, 32.1560 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(113, 20, 60) }
```

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

```
.background{ background-color: rgb(113, 20,  
60) }
```

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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