

Converting Colors

YIQ(63.5480, 40.1600, 21.0880)

Have a look what the booklet for
YIQ(63.5480, 40.1600, 21.0880)
contains.

YIQ(63.5480, 40.1600, 21.0880)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(63.5480, 40.1600,
21.0880)**

Conversions

Conversions Part 1

Format	Color
Hex	732737
RGB	115, 39, 55
RGB Percent	45%, 15%, 22%
CMY	0.5488, 0.8472, 0.7842
CMYK	0.00, 0.66, 0.52, 0.55
HSL	347°, 49%, 30%
HSV	347°, 66%, 45%
XYZ	8.4916, 5.3733, 4.2087
YIQ	63.5480, 40.1600, 21.0880

Conversions

Conversions Part 2

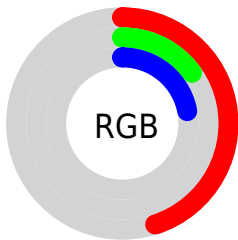
Format	Color
R_{YB}	115, 39, 55
Decimal	7546679
CIE _{Lab}	27.77, 34.85, 7.85
CIE _{LCh}	28, 35.719, 12.691
Yxy	5.3733, 0.4698, 0.2973
Android (android.graphics.Color)	4285736759 (0xFF732737)
YUV	63.5480, -4.2142, 45.1234
Hunter-Lab	23.1803, 24.8239, 5.4613

Details

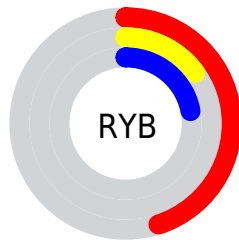
The YIQ color **63.5480, 40.1600, 21.0880** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **90.4520, -40.1600, -21.0880**, and the grayscale version is **64.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **114.7010, 44.1030, 21.2150**, and **19.7920, 33.4210, 16.5650** is the 20% darker color. If you saturate the color by 10%, you get **55.4780, 46.3490, 24.5650**, and if you desaturate by 10%, it is **71.0310, 34.2460, 18.1340**.

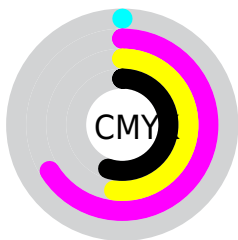
Distribution



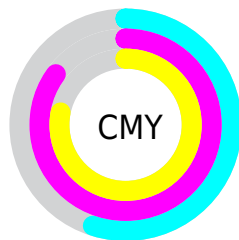
- Red (45%)
- Green (15%)
- Blue (22%)



- Red (45%)
- Yellow (15%)
- Blue (22%)



- Cyan (0%)
- Magenta (66%)
- Yellow (52%)
- Black (55%)



- Cyan (55%)
- Magenta (85%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 63.5480, 40.1600, 21.0880 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 63.5480, 40.1600, 21.0880 by changing the saturation by 10% instead.

63.5480, 40.1600,
21.0880

63.5480, 40.1600,
21.0880

255.0000, -0.0000,
-0.0000

37.2320, 38.2340,
22.9540

114.7010, 44.1030,
21.2150

19.7920, 33.4210,
16.5650

140.8970, 46.4870,
22.0630

11.7750, 22.9230,
8.5790

167.6800, 48.5960,
22.3880

0.0000, 0.0000,
0.0000

194.6800, 48.5960,
22.3880

214.3080, 31.9080,
16.4520

233.9360, 15.2200,

10.5160

253.2390, 0.8250,
1.5690

63.5480, 40.1600,
21.0880

63.5480, 40.1600,
21.0880

55.4780, 46.3490,
24.5650

71.0310, 34.2460,
18.1340

47.9950, 52.2630,
27.5190

79.1010, 28.0570,
14.6570

39.9250, 58.4520,
30.9960

86.5840, 22.1430,
11.7030

37.1210, 60.8360,
31.8440

94.6540, 15.9540,
8.2260

102.1370, 10.0400,
5.2720

■ 110.2070, 3.8510,
1.7950

■ 118.3910, -2.6590,
-1.3710

■ 125.8740, -8.5730,
-4.3250

■ 133.9440,
-14.7620, -7.8020

Harmonies

Analogous

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



66.1090, 25.5790, 26.5310



63.5480, 40.1600, 21.0880



63.4860, 42.7300, 7.5460

Triad

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



63.5480, 40.1600, 21.0880



57.0090, -5.3600, -24.0160



56.3030, -57.9530, -1.4810

Complementary

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



63.5480, 40.1600, 21.0880



90.4520, -40.1600, -21.0880

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.



56.8270, -53.9170, -8.5490



63.5480, 40.1600, 21.0880



50.6710, -36.5830, -25.3430

Square

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



63.5480, 40.1600, 21.0880



60.7040, 20.5440, -19.9040



55.1510, -46.4420, -17.3700



60.6910, -38.1940, 9.3740

Rectangle

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



63.5480, 40.1600, 21.0880



63.5960, 39.0640, -3.1120



55.1510, -46.4420, -17.3700



57.0210, -57.2190, -3.7710

Sweetspot

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



63.5480, 40.1600, 21.0880



129.7680, 15.6330, 8.5370



65.6040, 11.3640, 36.3560



64.1370, 10.0400, 5.2720



204.0000, -0.0000, -0.0000



77.0000, -0.0000, -0.0000

Same Dimension

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



63.5480, 40.1600, 21.0880



70.1320, 62.3030, 32.7910



74.6380, 39.2460, 4.6060



54.9080, 3.2550, 1.5830



39.4420, 64.3660, 33.9500



80.7920, 131.9870, 69.4830

Inverse Universe

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



63.5480, 40.1600, 21.0880



70.1320, 62.3030, 32.7910



79.3620, -39.2460, -4.6060



54.9080, 3.2550, 1.5830



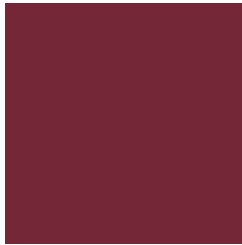
39.4420, 64.3660, 33.9500



80.7920, 131.9870, 69.4830

Previews

White Background



This preview shows how the YIQ color 63.5480, 40.1600, 21.0880 looks on a white background.

Color Contrast Check

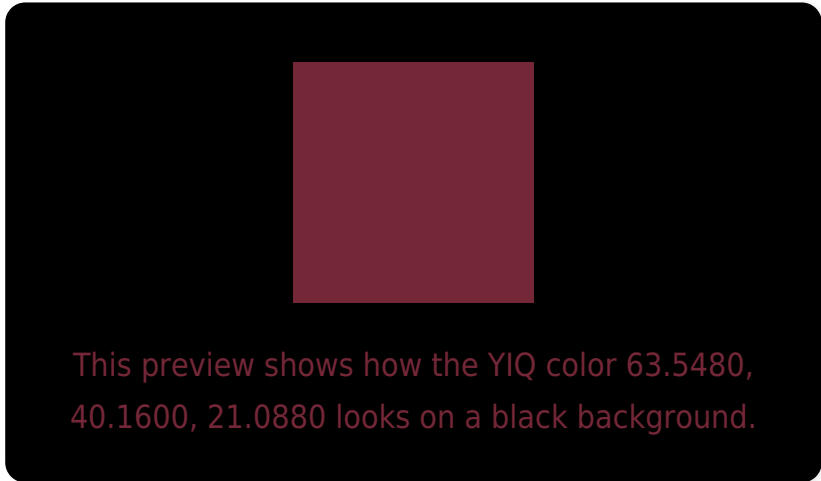
Large Text (above 18pt) WCAG AA ✓ Pass

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 63.5480, 40.1600, 21.0880

Background



This preview shows how black text looks on a background with the YIQ color 63.5480, 40.1600, 21.0880.



This preview shows how white text looks on a background with the YIQ color 63.5480, 40.1600,

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

63.5480, 40.1600, 21.0880

Protanopia

66.6410, -0.3670, 1.1450

Deuteranopia

66.7040, 12.5170, -1.0750



Tritanopia

63.1690, 42.5450, 16.4090

Trichromacy



Original Color

63.5480, 40.1600, 21.0880

Protanomaly

65.2840, 14.1200, 8.4240

Deuteranomaly

65.4220, 22.4190, 6.6990

Tritanomaly

63.0380, 41.5360, 18.1760

Monochromacy



Original Color

63.5480, 40.1600, 21.0880

Achromatopsia

64.0000, -0.0000, -0.0000

Achromatomaly

64.0560, 14.7620, 7.8020

CSS Examples

Text

The CSS property to change the color of the text to YIQ 63.5480, 40.1600, 21.0880 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(115, 39, 55)` looks like.

```
.text, #text, p{  
    color:rgb(115, 39, 55)  
}
```

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(115, 39, 55) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 39, 55) }
```

Border

The CSS property to change the border of an element to YIQ 63.5480, 40.1600, 21.0880 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(115, 39, 55) }
```


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

```
.border{ border-color:rgb(115, 39, 55) }
```

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

Here you see how a box with a 4 pixel `rgb(115, 39, 55)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(115, 39, 55); -webkit-box-  
shadow:4px 4px 4px 4px rgb(115, 39, 55);  
box-shadow:4px 4px 4px 4px rgb(115, 39,  
55) }
```

Background

The CSS property to change the background color of an element to YIQ 63.5480, 40.1600, 21.0880 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 39, 55) }
```

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

```
.background{ background-color: rgb(115, 39,  
55) }
```

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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