

Converting Colors

YIQ(53.7750, 41.2590, 28.7070)

Have a look what the booklet for
YIQ(53.7750, 41.2590, 28.7070)
contains.

YIQ(53.7750, 41.2590, 28.7070)	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(53.7750, 41.2590,
28.7070)**

Conversions

Conversions Part 1

Format	Color
Hex	6F1839
RGB	111, 24, 57
RGB Percent	44%, 9%, 22%
CMY	0.5645, 0.9060, 0.7763
CMYK	0.00, 0.78, 0.49, 0.56
HSL	337°, 65%, 26%
HSV	337°, 78%, 44%
XYZ	7.6281, 4.3308, 4.3094
YIQ	53.7750, 41.2590, 28.7070

Conversions

Conversions Part 2

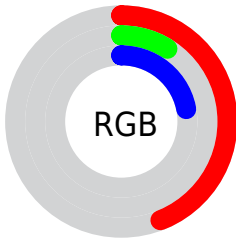
Format	Color
R_{YB}	111, 24, 57
Decimal	7280697
CIE _{Lab}	24.74, 40.09, 2.08
CIE _{LCh}	25, 40.140, 2.966
Yxy	4.3308, 0.4689, 0.2662
Android (android.graphics.Color)	4285470777 (0xFF6F1839)
YUV	53.7750, 1.5899, 50.1863
Hunter-Lab	20.8106, 29.0108, 2.2898

Details

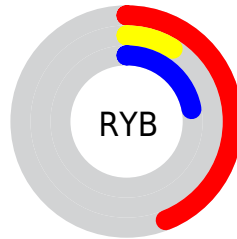
The YIQ color **53.7750, 41.2590, 28.7070** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **81.2250, -41.2590, -28.7070**, and the grayscale version is **54.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **106.1020, 44.6520, 27.7880**, and **19.2370, 30.6700, 16.8620** is the 20% darker color. If you saturate the color by 10%, you get **46.5200, 46.5310, 32.2830**, and if you desaturate by 10%, it is **61.0300, 35.9870, 25.1310**.

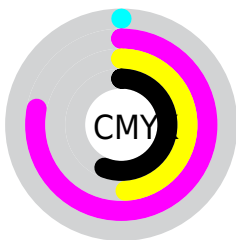
Distribution



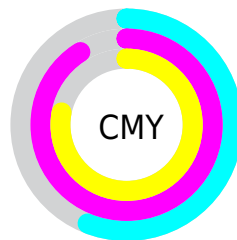
- Red (44%)
- Green (9%)
- Blue (22%)



- Red (44%)
- Yellow (9%)
- Blue (22%)



- Cyan (0%)
- Magenta (78%)
- Yellow (49%)
- Black (56%)



- Cyan (56%)
- Magenta (91%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 53.7750, 41.2590, 28.7070 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 53.7750, 41.2590, 28.7070 by changing the saturation by 10% instead.

■ 53.7750, 41.2590,
28.7070

■ 53.7750, 41.2590,
28.7070

255.0000, -0.0000,
-0.0000

■ 29.2200, 38.5080,
29.0040

■ 106.1020, 44.6520,
27.7880

■ 19.2370, 30.6700,
16.8620

■ 132.8850, 46.7610,
28.1130

■ 9.3830, 18.1550,
6.8830

■ 159.7820, 48.5490,
28.7490

■ 0.0000, 0.0000,
0.0000

■ 187.6790, 50.3370,
29.3850

■ 207.4920, 34.5660,
23.3500

■ 227.1200, 17.8780,

17.4140

245.6080, 4.4000,
8.3680

53.7750, 41.2590,
28.7070

53.7750, 41.2590,
28.7070

46.5200, 46.5310,
32.2830

61.0300, 35.9870,
25.1310

39.2650, 51.8030,
35.8590

68.2850, 30.7150,
21.5550

37.9770, 52.6740,
36.5940

75.5400, 25.4430,
17.9790

82.7950, 20.1710,
14.4030

89.9360, 15.2200,
10.5160

■ 97.7780, 9.6730,
6.4170

■ 105.0330, 4.4010,
2.8410

■ 112.2880, -0.8710,
-0.7350

■ 119.5430, -6.1430,
-4.3110

Harmonies

Analogous

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



58.8790, 20.5350, 29.8390



53.7750, 41.2590, 28.7070



54.5670, 47.1760, 15.0800

Triad

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



53.7750, 41.2590, 28.7070



50.4030, 5.0940, -26.2500



53.3850, -55.2480, -0.9440

Complementary

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



53.7750, 41.2590, 28.7070



81.2250, -41.2590, -28.7070

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.



52.6380, -49.0110, -9.3550



53.7750, 41.2590, 28.7070



44.3960, -28.5590, -27.5910

Square

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



53.7750, 41.2590, 28.7070



54.9760, 25.7700, -15.4940



49.2180, -39.3810, -18.6850



50.0740, -55.5700, 4.8940

Rectangle

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



53.7750, 41.2590, 28.7070



55.4660, 45.4820, 1.7220



49.2180, -39.3810, -18.6850



53.2880, -53.5970, -3.3330

Sweetspot

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



53.7750, 41.2590, 28.7070



122.0610, 16.3660, 11.7740



50.0640, 4.2570, 38.5050



60.1910, 9.9480, 6.9400



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.



53.7750, 41.2590, 28.7070



55.5920, 64.3640, 45.0040



55.8830, 49.1020, 13.2140



52.1360, 2.6130, 2.2050



41.1240, 56.7540, 39.7460



84.5690, 117.0380, 81.5980

Inverse Universe

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



53.7750, 41.2590, 28.7070



55.5920, 64.3640, 45.0040



79.1170, -49.1020, -13.2140



52.1360, 2.6130, 2.2050



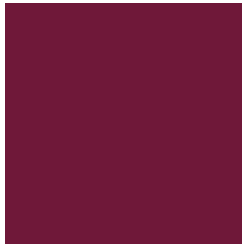
41.1240, 56.7540, 39.7460



84.5690, 117.0380, 81.5980

Previews

White Background



This preview shows how the YIQ color 53.7750, 41.2590, 28.7070 looks on a white background.

Color Contrast Check

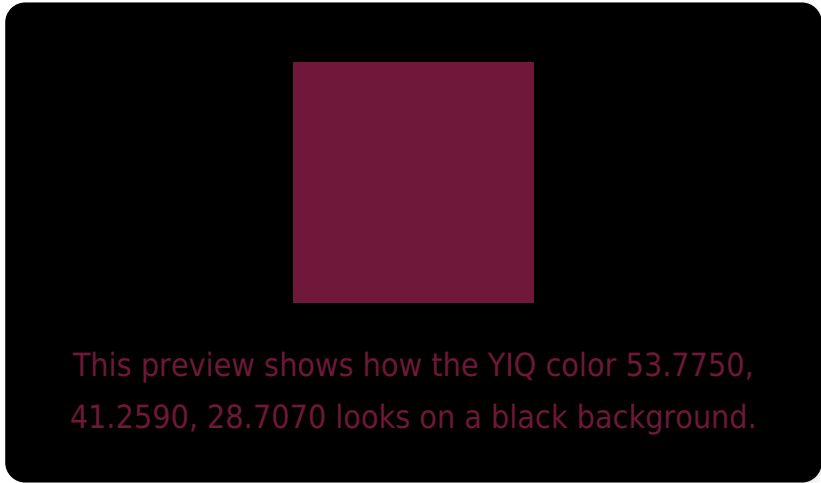
Large Text (above 18pt) WCAG AA ✓ Pass

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

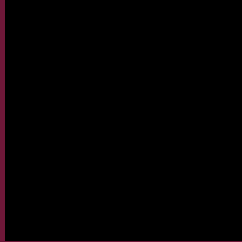
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 53.7750, 41.2590, 28.7070

Background



This preview shows how black text looks on a background with the YIQ color 53.7750, 41.2590, 28.7070.



This preview shows how white text looks on a background with the YIQ color 53.7750, 41.2590,

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

53.7750, 41.2590, 28.7070

Protanopia

60.7420, -7.8410, 4.4390

Deuteranopia

60.7190, 8.1610, 0.7770



Tritanopia

54.7350, 46.7630, 17.0590

Trichromacy



Original Color

53.7750, 41.2590, 28.7070

Protanomaly

58.2930, 9.9010, 13.3010

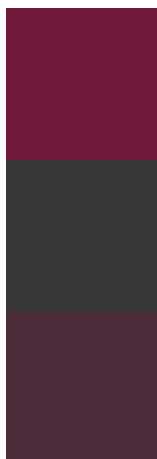
Deuteranomaly

58.2740, 20.0800, 10.5440

Tritanomaly

54.0000, 44.6990, 21.4270

Monochromacy



Original Color

53.7750, 41.2590, 28.7070

Achromatopsia

54.0000, -0.0000, 0.0000

Achromatomaly

53.9360, 15.2200, 10.5160

CSS Examples

Text

The CSS property to change the color of the text to YIQ 53.7750, 41.2590, 28.7070 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(111, 24, 57)` looks like.

```
.text, #text, p{  
    color:rgb(111, 24, 57)  
}
```

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(111, 24, 57) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(111, 24, 57) }
```

Border

The CSS property to change the border of an element to YIQ 53.7750, 41.2590, 28.7070 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(111, 24, 57) }
```


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

```
.border{ border-color:rgb(111, 24, 57) }
```

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

Here you see how a box with a 4 pixel rgb(111, 24, 57) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(111, 24, 57); -webkit-box-  
shadow:4px 4px 4px 4px rgb(111, 24, 57);  
box-shadow:4px 4px 4px 4px rgb(111, 24,  
57) }
```

Background

The CSS property to change the background color of an element to YIQ 53.7750, 41.2590, 28.7070 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(111, 24, 57) }
```

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

```
.background{ background-color: rgb(111, 24,  
57) }
```

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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