

Converting Colors

YIQ(52.7150, 41.4880, 30.0640)

Have a look what the booklet for
YIQ(52.7150, 41.4880, 30.0640)
contains.

YIQ(52.7150, 41.4880, 30.0640)	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(52.7150, 41.4880,
30.0640)**

Conversions

Conversions Part 1

Format	Color
Hex	6F163A
RGB	111, 22, 58
RGB Percent	44%, 9%, 23%
CMY	0.5645, 0.9138, 0.7724
CMYK	0.00, 0.80, 0.48, 0.56
HSL	336°, 67%, 26%
HSV	336°, 80%, 44%
XYZ	7.6139, 4.2616, 4.4289
YIQ	52.7150, 41.4880, 30.0640

Conversions

Conversions Part 2

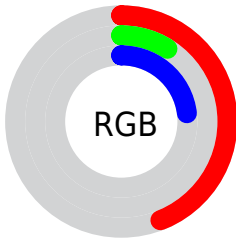
Format	Color
R_{YB}	111, 22, 58
Decimal	7280186
CIE Lab	24.52, 40.89, 1.08
CIE LCh	25, 40.906, 1.508
Yxy	4.2616, 0.4670, 0.2614
Android (android.graphics.Color)	4285470266 (0xFF6F163A)
YUV	52.7150, 2.6055, 51.1159
Hunter-Lab	20.6437, 29.7084, 1.7304

Details

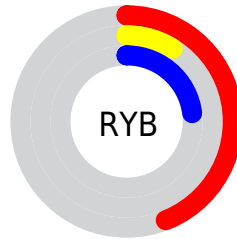
The YIQ color **52.7150, 41.4880, 30.0640** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **80.2850, -41.4880, -30.0640**, and the grayscale version is **53.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **105.6290, 44.6060, 28.6220**, and **19.3510, 30.3490, 17.1730** is the 20% darker color. If you saturate the color by 10%, you get **45.4600, 46.7600, 33.6400**, and if you desaturate by 10%, it is **59.9700, 36.2160, 26.4880**.

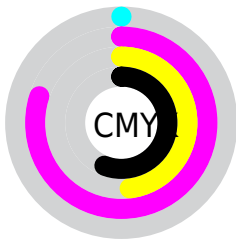
Distribution



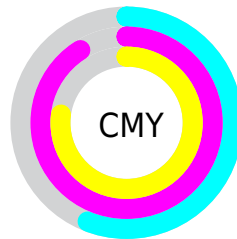
- Red (44%)
- Green (9%)
- Blue (23%)



- Red (44%)
- Yellow (9%)
- Blue (23%)



- Cyan (0%)
- Magenta (80%)
- Yellow (48%)
- Black (56%)



- Cyan (56%)
- Magenta (91%)
- Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 52.7150, 41.4880, 30.0640 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 52.7150, 41.4880, 30.0640 by changing the saturation by 10% instead.

■ 52.7150, 41.4880,
30.0640

■ 52.7150, 41.4880,
30.0640

■ 255.0000, -0.0000,
-0.0000

■ 29.3340, 38.1870,
29.3150

■ 105.9280, 45.2020,
28.8340

■ 19.3510, 30.3490,
17.1730

■ 132.4120, 46.7150,
28.9470

■ 9.3830, 18.1550,
6.8830

■ 159.3090, 48.5030,
29.5830


■ 0.0000, 0.0000,
0.0000


■ 187.2060, 50.2910,
30.2190


■ 206.4320, 34.7950,
24.7070

■ 226.1740, 17.7860,


19.0820


 245.0210, 4.6750,
8.8910


 52.7150, 41.4880,
30.0640


 52.7150, 41.4880,
30.0640


 45.4600, 46.7600,
33.6400


 59.9700, 36.2160,
26.4880

 38.3190, 51.7110,
37.5270

 67.1110, 31.2650,
22.6010

 74.3660, 25.9930,
19.0250

 81.5070, 21.0420,
15.1380

 88.7620, 15.7700,
11.5620

■ 96.6040, 10.2230,
7.4630

■ 103.7450, 5.2720,
3.5760

■ 111.0000, -0.0000,
0.0000

■ 118.2550, -5.2720,
-3.5760

Harmonies

Analogous

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



58.1070, 19.8930, 30.4610



52.7150, 41.4880, 30.0640



53.3930, 47.7260, 16.1260

Triad

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



52.7150, 41.4880, 30.0640



49.8160, 5.3690, -25.7270



53.2710, -54.9270, -1.2550

Complementary

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



52.7150, 41.4880, 30.0640



80.2850, -41.4880, -30.0640

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.



52.5240, -48.6900, -9.6660



52.7150, 41.4880, 30.0640



44.1680, -27.9170, -28.2130

Square

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



52.7150, 41.4880, 30.0640



54.6880, 26.6410, -14.7590



48.9900, -38.7390, -19.3070



50.0740, -55.5700, 4.8940

Rectangle

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



52.7150, 41.4880, 30.0640



54.2920, 46.0320, 2.7680



48.9900, -38.7390, -19.3070



53.1740, -53.2760, -3.6440

Sweetspot

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



52.7150, 41.4880, 30.0640



122.1750, 16.0450, 12.0850



47.6940, 2.4230, 38.7030



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.



52.7150, 41.4880, 30.0640



53.9450, 64.8680, 46.8840



52.7200, 51.1190, 15.2070



52.1360, 2.6130, 2.2050



41.4660, 55.7910, 40.6790



85.2530, 115.1120, 83.4640

Inverse Universe

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



52.7150, 41.4880, 30.0640



53.9450, 64.8680, 46.8840



80.2800, -51.1190, -15.2070



52.1360, 2.6130, 2.2050



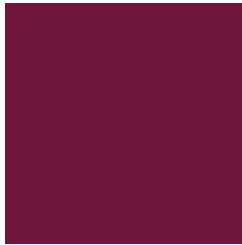
41.4660, 55.7910, 40.6790



85.2530, 115.1120, 83.4640

Previews

White Background



This preview shows how the YIQ color 52.7150, 41.4880, 30.0640 looks on a white background.

Color Contrast Check

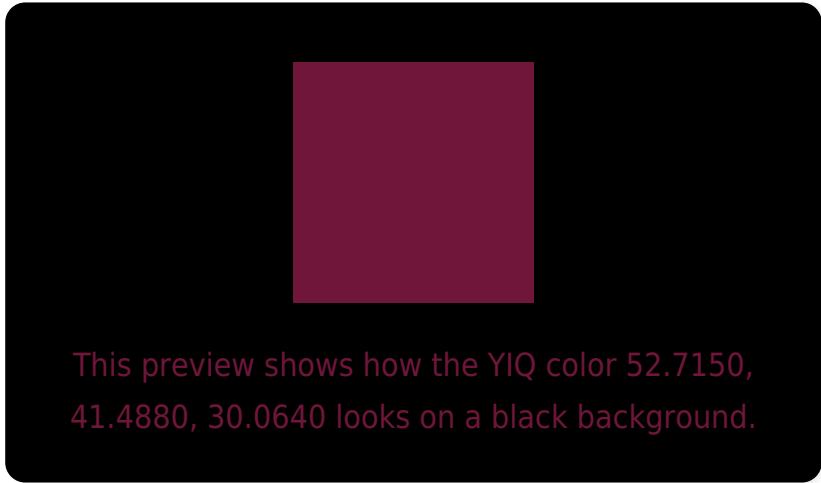
Large Text (above 18pt) WCAG AA ✓ Pass

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

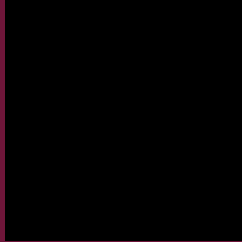
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 52.7150, 41.4880, 30.0640

Background



This preview shows how black text looks on a background with the YIQ color 52.7150, 41.4880, 30.0640.



This preview shows how white text looks on a background with the YIQ color 52.7150, 41.4880,

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

52.7150, 41.4880, 30.0640

Protanopia

60.0840, -8.8040, 5.3720

Deuteranopia

60.5340, 7.2440, 0.8760



Tritanopia

54.0340, 47.3590, 17.2710

Trichromacy



Original Color

52.7150, 41.4880, 30.0640

Protanomaly

57.5210, 9.2590, 13.9230

Deuteranomaly

57.8010, 20.0340, 11.3780

Tritanomaly

53.4130, 44.9740, 21.9500

Monochromacy



Original Color

52.7150, 41.4880, 30.0640

Achromatopsia

53.0000, -0.0000, -0.0000

Achromatomaly

53.0500, 14.8990, 10.8270

CSS Examples

Text

The CSS property to change the color of the text to YIQ 52.7150, 41.4880, 30.0640 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, 22, 58)` looks like.

```
.text, #text, p{  
    color:rgb(111, 22, 58)  
}
```

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, 22, 58) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(111, 22, 58) }
```

Border

The CSS property to change the border of an element to YIQ 52.7150, 41.4880, 30.0640 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, 22, 58) }
```


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

```
.border{ border-color:rgb(111, 22, 58) }
```

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

Here you see how a box with a 4 pixel rgb(111, 22, 58) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(111, 22, 58); -webkit-box-  
shadow:4px 4px 4px 4px rgb(111, 22, 58);  
box-shadow:4px 4px 4px 4px rgb(111, 22,  
58) }
```

Background

The CSS property to change the background color of an element to YIQ 52.7150, 41.4880, 30.0640 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(111, 22, 58) }
```

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

```
.background{ background-color: rgb(111, 22,  
58) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor