

Converting Colors

YIQ(42.4750, 41.2630, 6.5990)

Have a look what the booklet for
YIQ(42.4750, 41.2630, 6.5990)
contains.

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Color

**YIQ(42.4750, 41.2630,
6.5990)**

Conversions

Conversions Part 1

Format	Color
Hex	561B08
RGB	86, 27, 8
RGB Percent	34%, 11%, 3%
CMY	0.6626, 0.8942, 0.9684
CMYK	0.00, 0.69, 0.91, 0.66
HSL	15°, 83%, 18%
HSV	15°, 91%, 34%
XYZ	4.2762, 2.7803, 0.5423
YIQ	42.4750, 41.2630, 6.5990

Conversions

Conversions Part 2

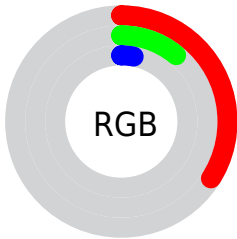
Format	Color
RYB	86, 33, 8
Decimal	5643016
CIELab	19.14, 26.36, 25.25
CIElCh	19, 36.499, 43.765
Yxy	2.7803, 0.5627, 0.3659
Android (android.graphics.Color)	4283833096 (0xFF561B08)
YUV	42.4750, -16.9962, 38.1714
Hunter-Lab	16.6744, 16.5969, 9.7437

Details

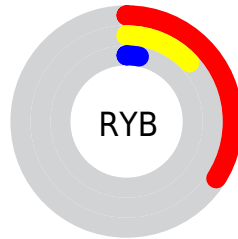
The YIQ color **42.4750, 41.2630, 6.5990** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **51.5250, -41.2630, -6.5990**, and the grayscale version is **43.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **91.5250, 46.9940, 7.3620**, and **10.8780, 21.1350, 7.9430** is the 20% darker color. If you saturate the color by 10%, you get **38.0410, 45.4810, 7.2490**, and if you desaturate by 10%, it is **47.0230, 36.7240, 6.2600**.

Distribution



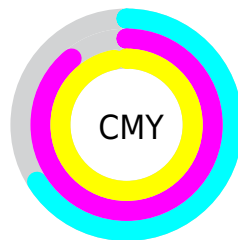
- Red (34%)
- Green (11%)
- Blue (3%)



- Red (34%)
- Yellow (13%)
- Blue (3%)



- Cyan (0%)
- Magenta (69%)
- Yellow (91%)
- Black (66%)



- Cyan (66%)
- Magenta (89%)
- Yellow (97%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 42.4750, 41.2630, 6.5990 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 42.4750, 41.2630, 6.5990 by changing the saturation by 10% instead.

42.4750, 41.2630,
6.5990

42.4750, 41.2630,
6.5990

252.4920, 7.0620,
-6.8420

20.2880, 34.6600,
10.6280

91.5250, 46.9940,
7.3620

10.8780, 21.1350,
7.9430

116.6070, 49.6990,
7.8990

0.0000, 0.0000,
0.0000

142.6890, 52.4040,
8.4360

170.1730, 53.9170,
8.5490

197.3580, 54.8340,
8.4500

216.1710, 39.0630,

2.4150

■ 236.3860, 22.1000,
-4.0440

■ 42.4750, 41.2630,
6.5990

■ 42.4750, 41.2630,
6.5990

■ 38.0410, 45.4810,
7.2490

■ 47.0230, 36.7240,
6.2600

■ 52.0440, 32.2310,
5.0870

■ 57.1790, 27.4170,
4.2250

■ 61.6130, 23.1990,
3.5750

■ 66.7480, 18.3850,
2.7130

■ 71.2960, 13.8460,
2.3740

■ 76.3170, 9.3530,
1.2010

■ 80.8650, 4.8140,
0.8620

■ 85.8860, 0.3210,
-0.3110

Harmonies

Analogous

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



40.6020, 40.0680, 22.7560



42.4750, 41.2630, 6.5990



44.4100, 30.7200, -6.0800

Triad

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



42.4750, 41.2630, 6.5990



36.9930, -25.6260, -20.1700



38.2880, -44.4290, 6.7310

Complementary

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



42.4750, 41.2630, 6.5990



51.5250, -41.2630, -6.5990

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.



42.8700, -46.3080, 2.2360



42.4750, 41.2630, 6.5990



40.6580, -34.5680, -12.2960

Square

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



42.4750, 41.2630, 6.5990



35.8840, -6.5060, -25.2740



42.9210, -42.3180, -3.9980



47.5990, 0.5920, 22.3200

Rectangle

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



42.4750, 41.2630, 6.5990



43.7460, 20.7260, -12.1860



42.9210, -42.3180, -3.9980



40.1630, -45.5750, 5.4730

Sweetspot

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



42.4750, 41.2630, 6.5990



95.0790, 15.9550, 2.6990



38.1620, 27.2280, 35.1960



46.3170, 9.3530, 1.2010



184.0000, 0.0000, -0.0000



56.0000, -0.0000, 0.0000

Same Dimension

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



42.4750, 41.2630, 6.5990



49.3370, 59.3270, 9.6230



64.7810, 30.8130, -13.2750



40.7830, 2.1090, 0.3250



47.2550, 56.6220, 9.0860



103.7240, 124.3850, 20.0090

Inverse Universe

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



51.5250, -41.2630, -6.5990



62.6630, -59.3270, -9.6230



29.2190, -30.8130, 13.2750



41.2170, -2.1090, -0.3250



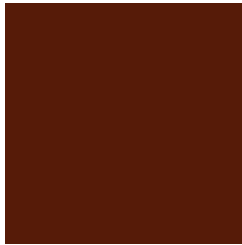
59.7450, -56.6220, -9.0860



131.2760, -124.3850, -20.0090

Previews

White Background



This preview shows how the YIQ color 42.4750, 41.2630, 6.5990 looks on a white background.

Color Contrast Check

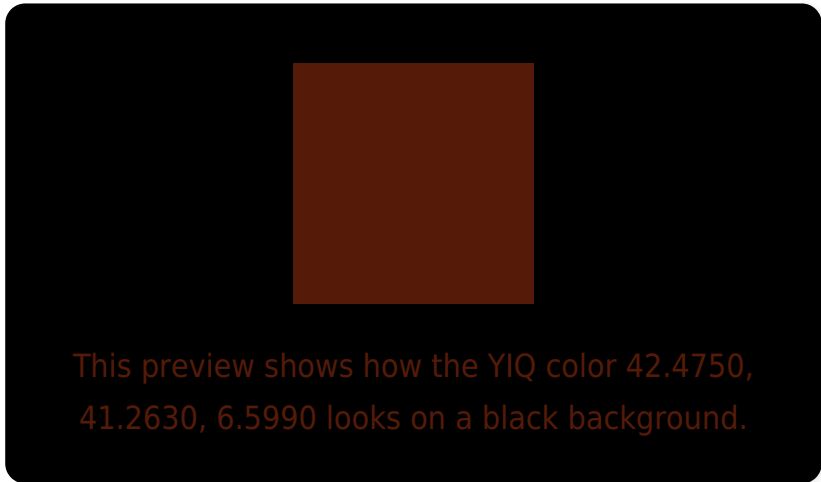
Large Text (above 18pt) WCAG AA ✓ Pass

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

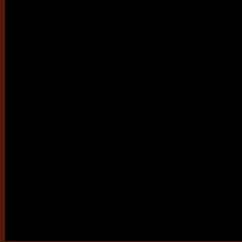
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 42.4750, 41.2630, 6.5990

Background



This preview shows how black text looks on a background with the YIQ color 42.4750, 41.2630, 6.5990.

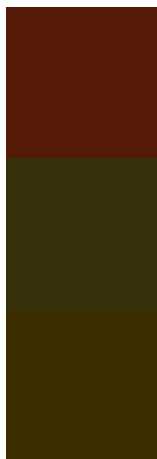


This preview shows how white text looks on a background with the YIQ color 42.4750, 41.2630,

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

42.4750, 41.2630, 6.5990

Protanopia

45.8040, 14.8110, -9.6130

Deuteranopia

45.2410, 23.7060, -11.1260



Tritanopia

43.3530, 36.0350, 13.2430

Trichromacy



Original Color

42.4750, 41.2630, 6.5990

Protanomaly

44.4680, 24.8050, -3.5070

Deuteranomaly

44.1650, 30.0320, -4.6240

Tritanomaly

43.1420, 38.0070, 10.5430

Monochromacy



Original Color

42.4750, 41.2630, 6.5990

Achromatopsia

42.0000, -0.0000, -0.0000

Achromatomaly

42.4810, 14.7630, 2.2750

CSS Examples

Text

The CSS property to change the color of the text to YIQ 42.4750, 41.2630, 6.5990 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(86, 27, 8)` looks like.

```
.text, #text, p{  
    color:rgb(86, 27, 8)  
}
```

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(86, 27, 8) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(86, 27, 8) }
```

Border

The CSS property to change the border of an element to YIQ 42.4750, 41.2630, 6.5990 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(86, 27, 8) }
```


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

```
.border{ border-color:rgb(86, 27, 8) }
```

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

Here you see how a box with a 4 pixel `rgb(86, 27, 8)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(86, 27, 8); -webkit-box-shadow:4px  
4px 4px 4px rgb(86, 27, 8); box-shadow:4px  
4px 4px 4px rgb(86, 27, 8) }
```

Background

The CSS property to change the background color of an element to YIQ 42.4750, 41.2630, 6.5990 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(86, 27, 8) }
```

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

```
.background{ background-color: rgb(86, 27,  
8) }
```

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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