

Converting Colors

YIQ(72.3610, 41.5840, 6.2880)

Have a look what the booklet for
YIQ(72.3610, 41.5840, 6.2880)
contains.

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Color

**YIQ(72.3610, 41.5840,
6.2880)**

Conversions

Conversions Part 1

Format	Color
Hex	743925
RGB	116, 57, 37
RGB Percent	45%, 22%, 15%
CMY	0.5450, 0.7766, 0.8547
CMYK	0.00, 0.51, 0.68, 0.54
HSL	15°, 52%, 30%
HSV	15°, 68%, 46%
XYZ	9.0033, 6.7729, 2.5868
YIQ	72.3610, 41.5840, 6.2880

Conversions

Conversions Part 2

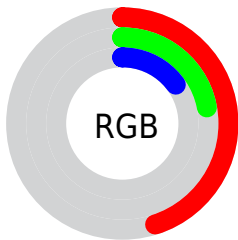
Format	Color
R_{YB}	116, 64, 37
Decimal	7616805
CIE Lab	31.28, 24.11, 24.03
CIE LCh	31, 34.042, 44.899
Yxy	6.7729, 0.4903, 0.3688
Android (android.graphics.Color)	4285806885 (0xFF743925)
YUV	72.3610, -17.4330, 38.2714
Hunter-Lab	26.0248, 16.2092, 12.3240

Details

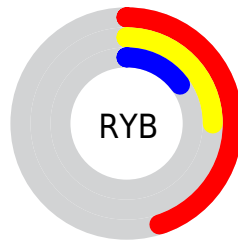
The YIQ color **72.3610, 41.5840, 6.2880** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **80.6390, -41.5840, -6.2880**, and the grayscale version is **73.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **122.4110, 47.3150, 7.0510**, and **25.2940, 34.5230, 7.6030** is the 20% darker color. If you saturate the color by 10%, you get **65.7100, 47.9110, 7.2630**, and if you desaturate by 10%, it is **79.0120, 35.2570, 5.3130**.

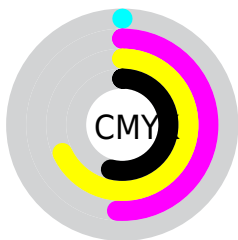
Distribution



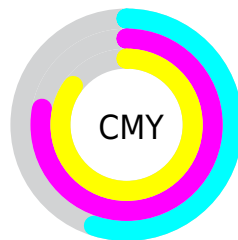
- Red (45%)
- Green (22%)
- Blue (15%)



- Red (45%)
- Yellow (25%)
- Blue (15%)



- Cyan (0%)
- Magenta (51%)
- Yellow (68%)
- Black (54%)



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

Brightness & Saturation Gradients

These gradients show how the YIQ color 72.3610, 41.5840, 6.2880 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 72.3610, 41.5840, 6.2880 by changing the saturation by 10% instead.

72.3610, 41.5840,
6.2880

72.3610, 41.5840,
6.2880

255.0000, -0.0000,
-0.0000

48.3930, 38.5580,
6.0620

122.4110, 47.3150,
7.0510

25.2940, 34.5230,
7.6030

148.8950, 48.8280,
7.1640

11.9600, 23.8400,
8.4800

175.9770, 51.5330,
7.7010

0.0000, 0.0000,
0.0000

202.2650, 50.6620,
6.9660

221.7790, 34.2950,
0.7190

241.9940, 17.3320,

-5.7400

253.5180, 4.1730,
-4.0430

72.3610, 41.5840,
6.2880

72.3610, 41.5840,
6.2880

65.7100, 47.9110,
7.2630

79.0120, 35.2570,
5.3130

59.7600, 53.6420,
8.0260

84.9620, 29.5260,
4.5500

53.1090, 59.9690,
9.0010

91.6130, 23.1990,
3.5750

51.7070, 61.1610,
9.4250

98.1500, 17.1930,
2.2890

104.2140, 11.1410,
1.8370

■ 110.8650, 4.8140,
0.8620

■ 117.4020, -1.1920,
-0.4240

■ 123.4660, -7.2440,
-0.8760

■ 130.0030,
-13.2500, -2.1620

Harmonies

Analogous

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



73.0810, 39.9770, 18.8970



72.3610, 41.5840, 6.2880



71.2100, 34.1590, -7.8330

Triad

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



72.3610, 41.5840, 6.2880



57.2080, -42.5890, -26.6290



71.1650, -30.7210, 11.6070

Complementary

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



72.3610, 41.5840, 6.2880



80.6390, -41.5840, -6.2880

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.



61.2100, -62.1250, -2.9650



72.3610, 41.5840, 6.2880



60.8730, -51.5310, -18.7550

Square

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



72.3610, 41.5840, 6.2880



65.4650, -6.6440, -22.7720



62.5490, -59.0060, -9.9340



76.0830, 2.1050, 22.4330

Rectangle

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



72.3610, 41.5840, 6.2880



70.3780, 24.5780, -15.9180



62.5490, -59.0060, -9.9340



65.6790, -47.0880, 5.3600

Sweetspot

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



72.3610, 41.5840, 6.2880



133.6660, 15.6800, 2.1760



67.3470, 28.1450, 35.0970



66.6160, 9.9490, 1.4130



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.



72.3610, 41.5840, 6.2880



81.9740, 64.7830, 9.8630



95.2540, 30.8590, -14.1090



55.3810, 3.3010, 0.7490



54.6750, 64.1870, 9.6510



111.7310, 131.6750, 20.0510

Inverse Universe

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



80.6390, -41.5840, -6.2880



95.0260, -64.7830, -9.8630



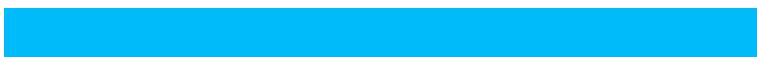
57.7460, -30.8590, 14.1090



56.0320, -3.0260, -0.2260



67.9120, -64.4620, -10.1740



138.2690, -131.6750, -20.0510

Previews

White Background



This preview shows how the YIQ color 72.3610, 41.5840, 6.2880 looks on a white background.

Color Contrast Check

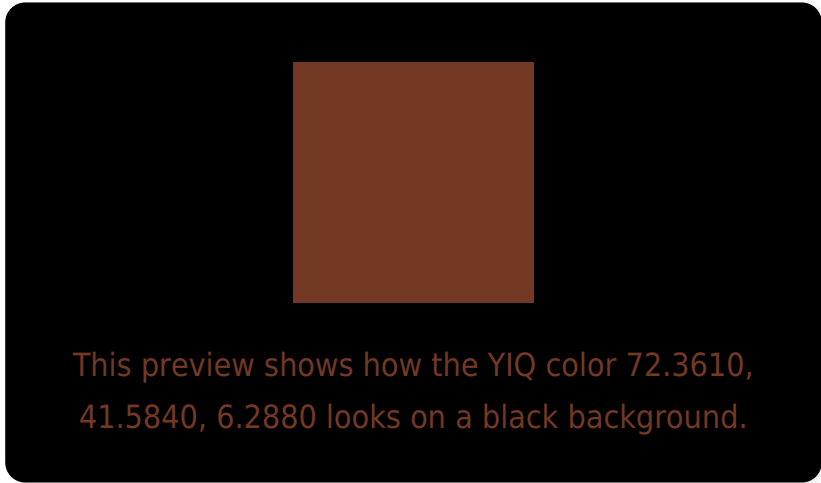
Large Text (above 18pt) WCAG AA ✓ Pass

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

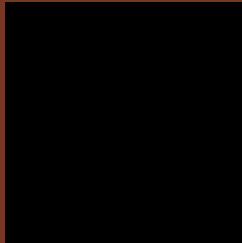
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 72.3610, 41.5840, 6.2880

Background



This preview shows how black text looks on a background with the YIQ color 72.3610, 41.5840, 6.2880.

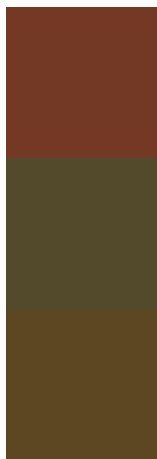


This preview shows how white text looks on a background with the YIQ color 72.3610, 41.5840,

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

72.3610, 41.5840, 6.2880

Protanopia

72.8580, 14.7190, -7.9450

Deuteranopia

73.0610, 24.3930, -7.0550



Tritanopia

73.2930, 36.2640, 14.6000

Trichromacy



Original Color

72.3610, 41.5840, 6.2880

Protanomaly

72.6960, 24.1630, -2.8850

Deuteranomaly

72.9310, 30.8110, -2.2210

Tritanomaly

72.9680, 38.5570, 11.5890

Monochromacy



Original Color

72.3610, 41.5840, 6.2880

Achromatopsia

72.0000, -0.0000, 0.0000

Achromatomaly

72.3670, 15.0840, 1.9640

CSS Examples

Text

The CSS property to change the color of the text to YIQ 72.3610, 41.5840, 6.2880 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(116, 57, 37)` looks like.

```
.text, #text, p{  
    color:rgb(116, 57, 37)  
}
```

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(116, 57, 37) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(116, 57, 37) }
```

Border

The CSS property to change the border of an element to YIQ 72.3610, 41.5840, 6.2880 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(116, 57, 37) }
```


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

```
.border{ border-color:rgb(116, 57, 37) }
```

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

Here you see how a box with a 4 pixel rgb(116, 57, 37) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(116, 57, 37); -webkit-box-  
shadow:4px 4px 4px 4px rgb(116, 57, 37);  
box-shadow:4px 4px 4px 4px rgb(116, 57,  
37) }
```

Background

The CSS property to change the background color of an element to YIQ 72.3610, 41.5840, 6.2880 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(116, 57, 37) }
```

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

```
.background{ background-color: rgb(116, 57,  
37) }
```

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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