

Converting Colors

YIQ(72.4710, 37.9180, -4.3700)

Have a look what the booklet for
YIQ(72.4710, 37.9180, -4.3700)
contains.

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Color

**YIQ(72.4710, 37.9180,
-4.3700)**

Conversions

Conversions Part 1

Format	Color
Hex	6A4117
RGB	106, 65, 23
RGB Percent	42%, 25%, 9%
CMY	0.5842, 0.7452, 0.9096
CMYK	0.00, 0.39, 0.78, 0.58
HSL	30°, 64%, 25%
HSV	30°, 78%, 42%
XYZ	7.9904, 6.9059, 1.7249
YIQ	72.4710, 37.9180, -4.3700

Conversions

Conversions Part 2

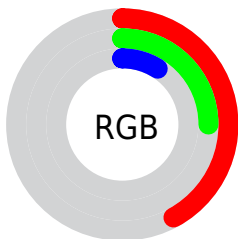
Format	Color
R_{YB}	104, 106, 23
Decimal	6963479
CIE _{Lab}	31.59, 13.90, 31.82
CIE _{LCh}	32, 34.727, 66.408
Yxy	6.9059, 0.4807, 0.4155
Android (android.graphics.Color)	4285153559 (0xFF6A4117)
YUV	72.4710, -24.3892, 29.4049
Hunter-Lab	26.2792, 8.2862, 14.5037

Details

The YIQ color **72.4710, 37.9180, -4.3700** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **56.5290, -37.9180, 4.3700**, and the grayscale version is **73.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **122.3360, 42.7320, -3.5080**, and **29.0600, 26.1340, -0.0580** is the 20% darker color. If you saturate the color by 10%, you get **68.2820, 42.8240, -5.1760**, and if you desaturate by 10%, it is **76.6600, 33.0120, -3.5640**.

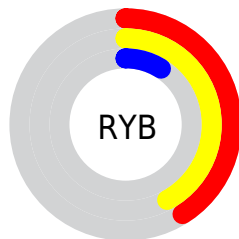
Distribution



 Red (42%)

 Green (25%)

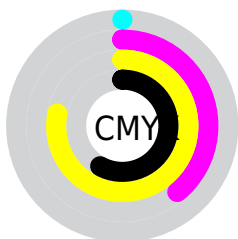
 Blue (9%)




 Red (41%)

 Yellow (42%)

 Blue (9%)

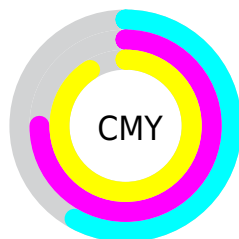



 Cyan (0%)

 Magenta (39%)

 Yellow (78%)

 Black (58%)



 Cyan (58%)

 Magenta (75%)

 Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 72.4710, 37.9180, -4.3700 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 72.4710, 37.9180, -4.3700 by changing the saturation by 10% instead.

■ 72.4710, 37.9180,
-4.3700

■ 72.4710, 37.9180,
-4.3700

■ 255.0000, -0.0000,
-0.0000

■ 49.1610, 35.8550,
-5.5290

■ 122.3360, 42.7320,
-3.5080

■ 29.0600, 26.1340,
-0.0580

■ 148.1190, 44.8410,
-3.1830

■ 9.2690, 18.4760,
6.5720

■ 175.4890, 46.6750,
-3.3810

■ 0.0000, 0.0000,
0.0000

■ 202.9730, 48.1880,
-3.2680

■ 224.8790, 36.5890,
-7.8190

■ 244.3930, 20.2220,

-14.0660

■ 251.6940, 9.3090,
-9.0190

■ 72.4710, 37.9180,
-4.3700

■ 72.4710, 37.9180,
-4.3700

■ 68.2820, 42.8240,
-5.1760

■ 76.6600, 33.0120,
-3.5640

■ 63.6200, 47.6840,
-5.1480

■ 80.7350, 28.4270,
-3.0690

■ 63.3920, 48.3260,
-5.7700

■ 85.5110, 23.2460,
-2.7860

■ 89.5860, 18.6610,
-2.2910

■ 93.7750, 13.7550,
-1.4850

■ 97.9640, 8.8490,
-0.6790

■ 102.6260, 3.9890,
-0.7070

■ 106.8150, -0.9170,
0.0990

■ 110.8900, -5.5020,
0.5940

Harmonies

Analogous

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



73.3660, 43.1880, 10.2600



72.4710, 37.9180, -4.3700



70.5520, 24.0280, -16.9640

Triad

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



72.4710, 37.9180, -4.3700



60.7760, -49.8800, -21.1440



76.4240, -6.2850, 20.2990

Complementary

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



72.4710, 37.9180, -4.3700



56.5290, -37.9180, 4.3700

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.



66.9890, -45.0250, 6.5190



72.4710, 37.9180, -4.3700



63.1530, -57.9510, -12.5350

Square

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



72.4710, 37.9180, -4.3700



56.8940, -38.8290, -28.6930



62.8570, -62.6290, -4.8450



76.2440, 20.7650, 25.6690

Rectangle

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



72.4710, 37.9180, -4.3700



68.9030, 9.6780, -21.2180



62.8570, -62.6290, -4.8450



74.5690, -17.0590, 17.3170

Sweetspot

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



72.4710, 37.9180, -4.3700



124.9600, 14.6720, -1.5840



52.6050, 35.9860, 30.6580



60.9640, 8.8490, -0.6790



196.0000, -0.0000, -0.0000



69.0000, -0.0000, -0.0000

Same Dimension

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



72.4710, 37.9180, -4.3700



85.6120, 59.3300, -6.9580



96.5380, 26.6430, -25.8130



51.5550, 2.7510, -0.2970



69.6160, 53.5070, -6.0530



146.0430, 111.9200, -12.9120

Inverse Universe

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



56.5290, -37.9180, 4.3700



60.3880, -59.3300, 6.9580



32.4620, -26.6430, 25.8130



50.4450, -2.7510, 0.2970



47.3840, -53.5070, 6.0530



98.9570, -111.9200, 12.9120

Previews

White Background



This preview shows how the YIQ color 72.4710, 37.9180, -4.3700 looks on a white background.

Color Contrast Check

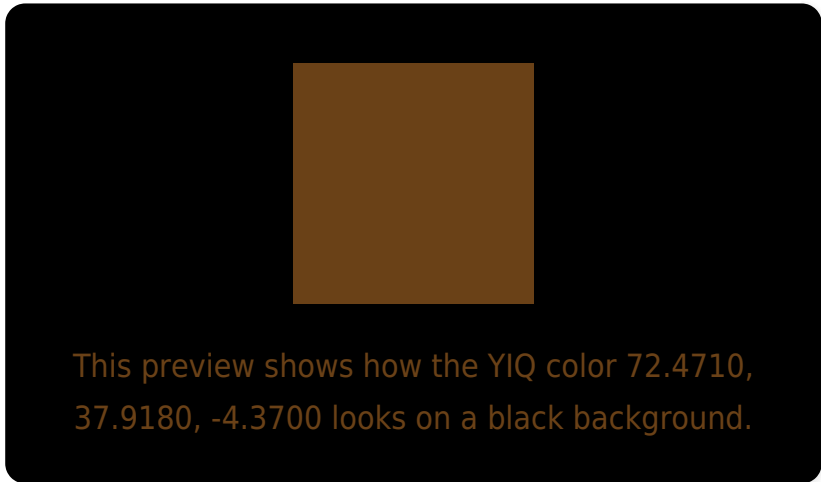
Large Text (above 18pt) WCAG AA ✓ Pass

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 72.4710, 37.9180, -4.3700

Background



This preview shows how black text looks on a background with the YIQ color 72.4710, 37.9180, -4.3700.



This preview shows how white text looks on a background with the YIQ color 72.4710, 37.9180,

-4.3700.

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

72.4710, 37.9180, -4.3700

Protanopia

72.1050, 21.0930, -13.3310

Deuteranopia

72.1770, 29.7580, -10.6740



Tritanopia

75.5090, 26.7280, 11.2080

Trichromacy



Original Color

72.4710, 37.9180, -4.3700

Protanomaly

72.0350, 27.2820, -9.8540

Deuteranomaly

72.3130, 32.3710, -8.4690

Tritanomaly

74.0870, 30.6720, 5.8080

Monochromacy



Original Color

72.4710, 37.9180, -4.3700

Achromatopsia

72.0000, -0.0000, 0.0000

Achromatomaly

71.7750, 13.7550, -1.4850

CSS Examples

Text

The CSS property to change the color of the text to YIQ 72.4710, 37.9180, -4.3700 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(106, 65, 23)` looks like.

```
.text, #text, p{  
    color:rgb(106, 65, 23)  
}
```

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(106, 65, 23) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(106, 65, 23) }
```

Border

The CSS property to change the border of an element to YIQ 72.4710, 37.9180, -4.3700 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(106, 65, 23) }
```


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

```
.border{ border-color:rgb(106, 65, 23) }
```

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

Here you see how a box with a 4 pixel rgb(106, 65, 23) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(106, 65, 23); -webkit-box-  
shadow:4px 4px 4px 4px rgb(106, 65, 23);  
box-shadow:4px 4px 4px 4px rgb(106, 65,  
23) }
```

Background

The CSS property to change the background color of an element to YIQ 72.4710, 37.9180, -4.3700 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(106, 65, 23) }
```

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

```
.background{ background-color: rgb(106, 65,  
23) }
```

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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