

Converting Colors

YIQ(42.6170, 43.7390, 5.7790)

Have a look what the booklet for
YIQ(42.6170, 43.7390, 5.7790)
contains.

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Color

**YIQ(42.6170, 43.7390,
5.7790)**

Conversions

Conversions Part 1

Format	Color
Hex	581B04
RGB	88, 27, 4
RGB Percent	35%, 11%, 2%
CMY	0.6548, 0.8942, 0.9841
CMYK	0.00, 0.69, 0.95, 0.65
HSL	16°, 91%, 18%
HSV	16°, 95%, 35%
XYZ	4.4412, 2.8679, 0.4357
YIQ	42.6170, 43.7390, 5.7790

Conversions

Conversions Part 2

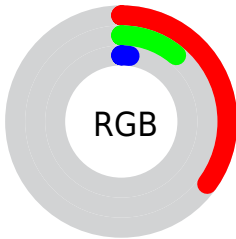
Format	Color
RYB	88, 36, 4
Decimal	5774084
CIELab	19.51, 27.04, 27.40
CIELCh	20, 38.498, 45.375
Yxy	2.8679, 0.5734, 0.3703
Android (android.graphics.Color)	4283964164 (0xFF581B04)
YUV	42.6170, -19.0382, 39.8009
Hunter-Lab	16.9349, 17.1758, 10.3288

Details

The YIQ color **42.6170, 43.7390, 5.7790** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **49.3830, -43.7390, -5.7790**, and the grayscale version is **43.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **91.8950, 48.8280, 7.1640**, and **11.4760, 22.3270, 8.3670** is the 20% darker color. If you saturate the color by 10%, you get **40.4000, 45.8480, 6.1040**, and if you desaturate by 10%, it is **47.1650, 39.2000, 5.4400**.

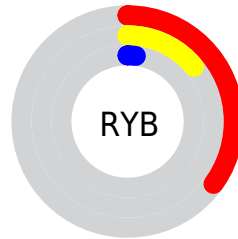
Distribution



Red (35%)

Green (11%)

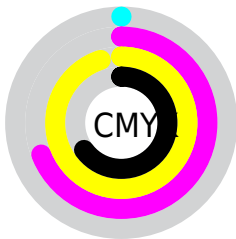
Blue (2%)



Red (35%)

Yellow (14%)

Blue (2%)

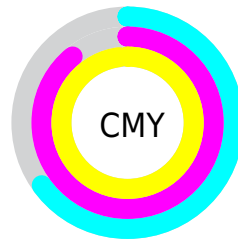


Cyan (0%)

Magenta (69%)

Yellow (95%)

Black (65%)



Cyan (65%)

Magenta (89%)

Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 42.6170, 43.7390, 5.7790 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 42.6170, 43.7390, 5.7790 by changing the saturation by 10% instead.

■ 42.6170, 43.7390,
5.7790

■ 42.6170, 43.7390,
5.7790

■ 252.1500, 8.0250,
-7.7750

■ 20.0000, 35.5310,
11.3630

■ 91.8950, 48.8280,
7.1640

■ 11.4760, 22.3270,
8.3670

■ 117.2760, 52.1290,
7.9130

■ 0.0000, 0.0000,
0.0000

■ 143.9450, 54.5590,
7.9270

■ 170.7280, 56.6680,
8.2520

■ 197.0160, 55.7970,
7.5170

■ 216.4160, 39.7510,

0.9590

■ 236.0440, 23.0630,
-4.9770

■ 42.6170, 43.7390,
5.7790

■ 42.6170, 43.7390,
5.7790

■ 40.4000, 45.8480,
6.1040

■ 47.1650, 39.2000,
5.4400

■ 52.3000, 34.3860,
4.5780

■ 56.7340, 30.1680,
3.9280

■ 61.8690, 25.3540,
3.0660

■ 66.4170, 20.8150,
2.7270

■ 70.9650, 16.2760,
2.3880

■ 76.1000, 11.4620,
1.5260

■ 80.5340, 7.2440,
0.8760

■ 85.6690, 2.4300,
0.0140

Harmonies

Analogous

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



40.2110, 42.7270, 24.1270



42.6170, 43.7390, 5.7790



45.2960, 31.0410, -6.3910

Triad

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



42.6170, 43.7390, 5.7790



38.2810, -26.4970, -20.9050



38.6300, -45.3920, 7.6640

Complementary

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



42.6170, 43.7390, 5.7790



49.3830, -43.7390, -5.7790

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.



43.3260, -47.5920, 3.4800



42.6170, 43.7390, 5.7790



41.5870, -35.8060, -11.8860

Square

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



42.6170, 43.7390, 5.7790



35.2640, -10.6320, -27.5920



43.9640, -43.8770, -3.2770



48.4360, 2.6090, 24.3130

Rectangle

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



42.6170, 43.7390, 5.7790



44.6210, 19.5800, -13.4440



43.9640, -43.8770, -3.2770



40.6190, -46.8590, 6.7170

Sweetspot

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



42.6170, 43.7390, 5.7790



97.0360, 17.5140, 1.9780



36.1840, 30.1620, 37.0900



47.8010, 10.8660, 1.3140



186.0000, -0.0000, -0.0000



59.0000, 0.0000, -0.0000

Same Dimension

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



42.6170, 43.7390, 5.7790



52.5820, 60.0150, 8.1670



66.6840, 32.4640, -15.6640



40.7830, 2.1090, 0.3250



49.0160, 55.7970, 7.5170



107.8330, 122.4600, 16.3480

Inverse Universe

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



49.3830, -43.7390, -5.7790



61.8310, -59.7400, -7.6440



25.3160, -32.4640, 15.6640



41.2170, -2.1090, -0.3250



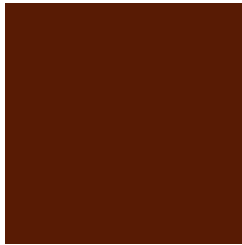
57.9840, -55.7970, -7.5170



127.1670, -122.4600, -16.3480

Previews

White Background



This preview shows how the YIQ color 42.6170, 43.7390, 5.7790 looks on a white background.

Color Contrast Check

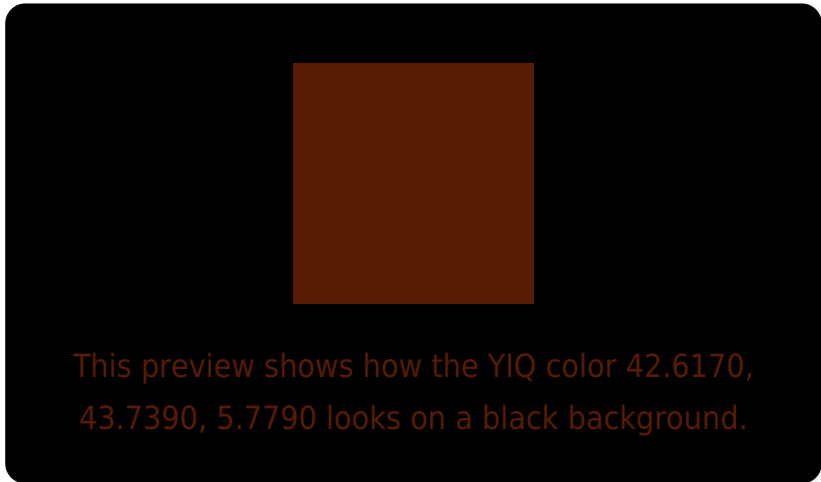
Large Text (above 18pt) WCAG AA ✓ Pass

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 42.6170, 43.7390, 5.7790

Background



This preview shows how black text looks on a background with the YIQ color 42.6170, 43.7390, 5.7790.



This preview shows how white text looks on a background with the YIQ color 42.6170, 43.7390,

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

42.6170, 43.7390, 5.7790

Protanopia

46.4620, 15.7740, -10.5460

Deuteranopia

45.5400, 24.3020, -10.9140



Tritanopia

43.9510, 37.2270, 13.6670

Trichromacy



Original Color

42.6170, 43.7390, 5.7790

Protanomaly

45.0120, 26.0890, -4.7510

Deuteranomaly

44.2360, 31.2700, -5.0340

Tritanomaly

43.6260, 39.5200, 10.6560

Monochromacy



Original Color

42.6170, 43.7390, 5.7790

Achromatopsia

43.0000, -0.0000, -0.0000

Achromatomaly

42.6660, 15.6800, 2.1760

CSS Examples

Text

The CSS property to change the color of the text to YIQ 42.6170, 43.7390, 5.7790 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(88, 27, 4)` looks like.

```
.text, #text, p{  
    color:rgb(88, 27, 4)  
}
```

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(88, 27, 4) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(88, 27, 4) }
```

Border

The CSS property to change the border of an element to YIQ 42.6170, 43.7390, 5.7790 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(88, 27, 4) }
```


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

```
.border{ border-color:rgb(88, 27, 4) }
```

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

Here you see how a box with a 4 pixel `rgb(88, 27, 4)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(88, 27, 4); -webkit-box-shadow:4px  
4px 4px 4px rgb(88, 27, 4); box-shadow:4px  
4px 4px 4px rgb(88, 27, 4) }
```

Background

The CSS property to change the background color of an element to YIQ 42.6170, 43.7390, 5.7790 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(88, 27, 4) }
```

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

```
.background{ background-color: rgb(88, 27,  
4) }
```

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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