

Converting Colors

YIQ(43.2190, 39.1080, 7.1080)

Have a look what the booklet for
YIQ(43.2190, 39.1080, 7.1080)
contains.

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Color

**YIQ(43.2190, 39.1080,
7.1080)**

Conversions

Conversions Part 1

Format	Color
Hex	551C0C
RGB	85, 28, 12
RGB Percent	33%, 11%, 5%
CMY	0.6665, 0.8903, 0.9528
CMYK	0.00, 0.67, 0.86, 0.67
HSL	13°, 75%, 19%
HSV	13°, 86%, 33%
XYZ	4.2305, 2.7888, 0.6645
YIQ	43.2190, 39.1080, 7.1080

Conversions

Conversions Part 2

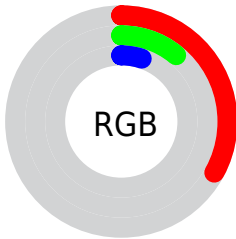
Format	Color
RYB	85, 32, 12
Decimal	5577740
CIELab	19.18, 25.57, 23.56
CIElCh	19, 34.769, 42.657
Yxy	2.7888, 0.5506, 0.3629
Android (android.graphics.Color)	4283767820 (0xFF551C0C)
YUV	43.2190, -15.3910, 36.6419
Hunter-Lab	16.6997, 15.9947, 9.3305

Details

The YIQ color **43.2190, 39.1080, 7.1080** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **53.7810, -39.1080, -7.1080**, and the grayscale version is **43.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **91.2690, 44.8390, 7.8710**, and **10.8780, 21.1350, 7.9430** is the 20% darker color. If you saturate the color by 10%, you get **38.1980, 43.6010, 8.2810**, and if you desaturate by 10%, it is **48.3540, 34.2940, 6.2460**.

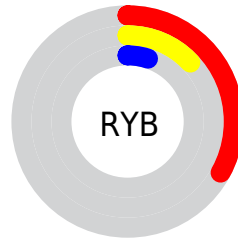
Distribution



Red (33%)

Green (11%)

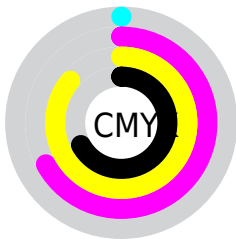
Blue (5%)



Red (33%)

Yellow (13%)

Blue (5%)

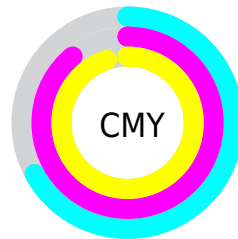


Cyan (0%)

Magenta (67%)

Yellow (86%)

Black (67%)



Cyan (67%)


Magenta (89%)


Yellow (95%)


Brightness & Saturation Gradients


These gradients show how the YIQ color 43.2190, 39.1080, 7.1080 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 43.2190, 39.1080, 7.1080 by changing the saturation by 10% instead.


 43.2190, 39.1080,
7.1080


 43.2190, 39.1080,
7.1080

 252.8340, 6.0990,
-5.9090


 20.5760, 33.7890,
9.8930


 91.2690, 44.8390,
7.8710

 10.8780, 21.1350,
7.9430

 117.2370, 47.8650,
8.0970

 0.0000, 0.0000,
0.0000

 143.0200, 49.9740,
8.4220

 169.9170, 51.7620,
9.0580

 197.7000, 53.8710,
9.3830

 217.2140, 37.5040,

3.1360

■ 236.7280, 21.1370,
-3.1110

■ 43.2190, 39.1080,
7.1080

■ 43.2190, 39.1080,
7.1080

■ 38.1980, 43.6010,
8.2810

■ 48.3540, 34.2940,
6.2460

■ 36.5680, 45.4350,
8.0830

■ 52.7880, 30.0760,
5.5960

■ 57.9230, 25.2620,
4.7340

■ 62.9440, 20.7690,
3.5610

■ 67.4920, 16.2300,
3.2220

■ 72.5130, 11.7370,
2.0490

■ 77.6480, 6.9230,
1.1870

■ 82.0820, 2.7050,
0.5370

■ 87.2170, -2.1090,
-0.3250

Harmonies

Analogous

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



41.9930, 37.4090, 21.3850



43.2190, 39.1080, 7.1080



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.



43.2190, 39.1080, 7.1080



36.8790, -25.3050, -20.4810



37.9460, -43.4660, 5.7980

Complementary

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



43.2190, 39.1080, 7.1080



53.7810, -39.1080, -7.1080

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.



41.9410, -45.0700, 1.8260



43.2190, 39.1080, 7.1080



40.5440, -34.2470, -12.6070

Square

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



43.2190, 39.1080, 7.1080



37.3080, -4.7640, -23.8040



42.5790, -41.3550, -4.9310



47.7730, 0.0420, 21.2740

Rectangle

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



43.2190, 39.1080, 7.1080



44.0450, 21.3220, -11.9740



42.5790, -41.3550, -4.9310



39.8210, -44.6120, 4.5400

Sweetspot

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



43.2190, 39.1080, 7.1080



93.1930, 15.6340, 3.0100



40.3250, 25.2110, 33.2030



46.4310, 9.0320, 1.5120



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.



43.2190, 39.1080, 7.1080



46.9780, 58.9600, 10.7680



64.3510, 29.2080, -11.7200



40.7830, 2.1090, 0.3250



45.4940, 57.4470, 10.6550



100.2020, 126.0350, 23.1470

Inverse Universe

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



53.7810, -39.1080, -7.1080



63.0220, -58.9600, -10.7680



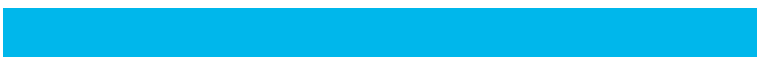
32.6490, -29.2080, 11.7200



41.2170, -2.1090, -0.3250



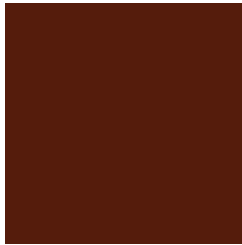
61.5060, -57.4470, -10.6550



134.2110, -125.7600, -22.6240

Previews

White Background



This preview shows how the YIQ color 43.2190, 39.1080, 7.1080 looks on a white background.

Color Contrast Check

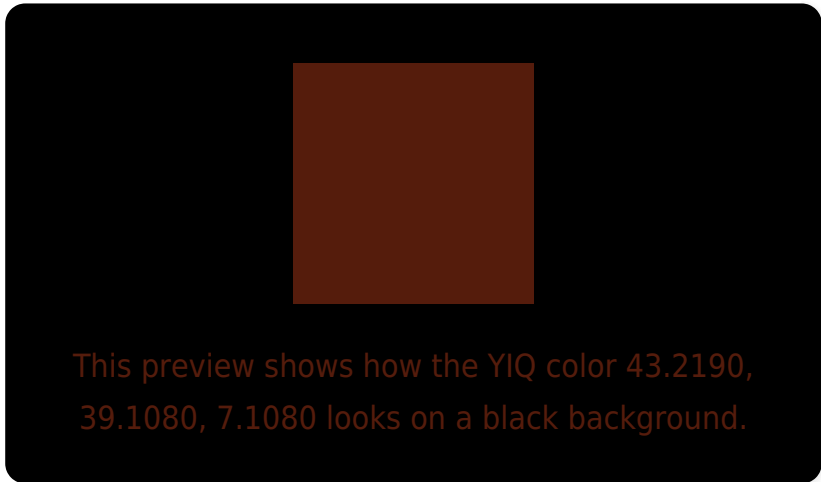
Large Text (above 18pt) WCAG AA ✓ Pass

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

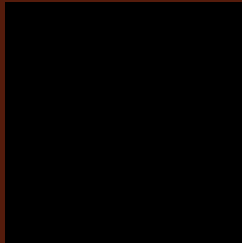
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 43.2190, 39.1080, 7.1080

Background



This preview shows how black text looks on a background with the YIQ color 43.2190, 39.1080, 7.1080.

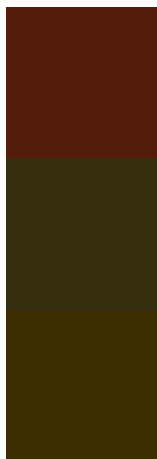


This preview shows how white text looks on a background with the YIQ color 43.2190, 39.1080,

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

43.2190, 39.1080, 7.1080

Protanopia

46.2600, 13.5270, -8.3690

Deuteranopia

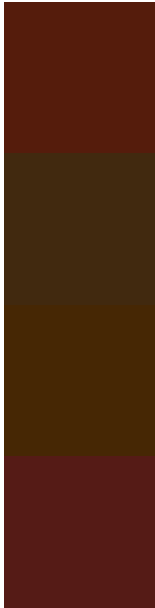
44.6540, 23.9810, -10.6030



Tritanopia

43.8690, 34.5220, 13.1300

Trichromacy



Original Color

43.2190, 39.1080, 7.1080

Protanomaly

45.2120, 22.6500, -2.9980

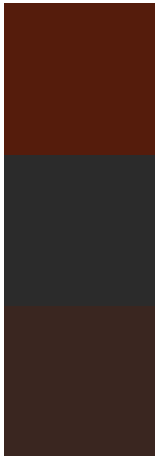
Deuteranomaly

44.2790, 29.7110, -4.3130

Tritanomaly

43.7720, 36.1730, 10.7410

Monochromacy



Original Color

43.2190, 39.1080, 7.1080

Achromatopsia

43.0000, -0.0000, -0.0000

Achromatomaly

43.2960, 13.8460, 2.3740

CSS Examples

Text

The CSS property to change the color of the text to YIQ 43.2190, 39.1080, 7.1080 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(85, 28, 12)` looks like.

```
.text, #text, p{  
    color:rgb(85, 28, 12)  
}
```

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(85, 28, 12) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(85, 28, 12) }
```

Border

The CSS property to change the border of an element to YIQ 43.2190, 39.1080, 7.1080 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(85, 28, 12) }
```


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

```
.border{ border-color:rgb(85, 28, 12) }
```

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

Here you see how a box with a 4 pixel `rgb(85, 28, 12)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(85, 28, 12); -webkit-box-  
shadow:4px 4px 4px 4px rgb(85, 28, 12);  
box-shadow:4px 4px 4px 4px rgb(85, 28, 12)  
}
```

Background

The CSS property to change the background color of an element to YIQ 43.2190, 39.1080, 7.1080 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(85, 28, 12) }
```

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

```
.background{ background-color: rgb(85, 28,  
12) }
```

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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