

Converting Colors

YIQ(39.8790, 28.5620, 11.0100)

Have a look what the booklet for
YIQ(39.8790, 28.5620, 11.0100)
contains.

YIQ(39.8790, 28.5620, 11.0100)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(39.8790, 28.5620,
11.0100)**

Conversions

Conversions Part 1

Format	Color
Hex	4A191B
RGB	74, 25, 27
RGB Percent	29%, 10%, 11%
CMY	0.7097, 0.9020, 0.8940
CMYK	0.00, 0.66, 0.63, 0.71
HSL	357°, 50%, 19%
HSV	357°, 66%, 29%
XYZ	3.3717, 2.2307, 1.2915
YIQ	39.8790, 28.5620, 11.0100

Conversions

Conversions Part 2

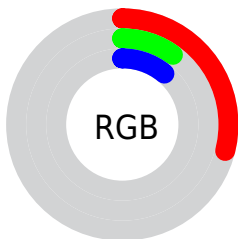
Format	Color
R_{YB}	74, 25, 27
Decimal	4856091
CIE _{Lab}	16.65, 23.54, 10.69
CIE _{LCh}	17, 25.851, 24.423
Yxy	2.2307, 0.4891, 0.3236
Android (android.graphics.Color)	4283046171 (0xFF4A191B)
YUV	39.8790, -6.3493, 29.9241
Hunter-Lab	14.9355, 14.1595, 5.3279

Details

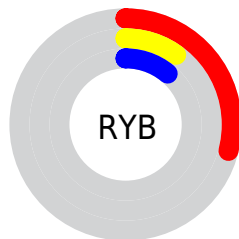
The YIQ color **39.8790, 28.5620, 11.0100** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **59.1210, -28.5620, -11.0100**, and the grayscale version is **40.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **87.3310, 33.1010, 11.3490**, and **5.9800, 11.9200, 4.2400** is the 20% darker color. If you saturate the color by 10%, you get **34.9720, 32.7340, 12.4940**, and if you desaturate by 10%, it is **44.7860, 24.3900, 9.5260**.

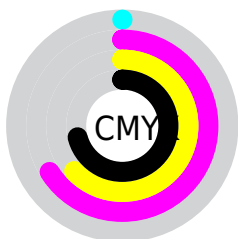
Distribution



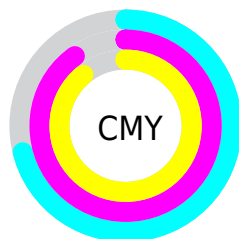
- Red (29%)
- Green (10%)
- Blue (11%)



- Red (29%)
- Yellow (10%)
- Blue (11%)



- Cyan (0%)
- Magenta (66%)
- Yellow (63%)
- Black (71%)



- Cyan (71%)
- Magenta (90%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 39.8790, 28.5620, 11.0100 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 39.8790, 28.5620, 11.0100 by changing the saturation by 10% instead.

■ 39.8790, 28.5620,
11.0100

■ 39.8790, 28.5620,
11.0100

254.8860, 0.3210,
-0.3110

■ 16.1240, 29.2500,
9.5540

■ 87.3310, 33.1010,
11.3490

■ 5.9800, 11.9200,
4.2400

■ 112.2280, 34.8890,
11.9850

■ 0.0000, 0.0000,
0.0000

■ 138.0110, 36.9980,
12.3100

■ 164.6090, 38.1900,
12.7340

■ 192.0930, 39.7030,
12.8470

■ 216.2170, 33.4220,

11.0380

236.4320, 16.4590,
4.5790

39.8790, 28.5620,
11.0100

39.8790, 28.5620,
11.0100

34.9720, 32.7340,
12.4940

44.7860, 24.3900,
9.5260

29.4780, 37.1810,
14.5010

50.2800, 19.9430,
7.5190

24.5710, 41.3530,
15.9850

55.1870, 15.7710,
6.0350

22.4680, 43.1410,
16.6210

60.6810, 11.3240,
4.0280

65.5880, 7.1520,
2.5440

■ 70.6090, 2.6590,
1.3710

■ 76.1030, -1.7880,
-0.6360

■ 81.0100, -5.9600,
-2.1200

■ 86.5040, -10.4070,
-4.1270

Harmonies

Analogous

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



40.7460, 21.8670, 16.7070



39.8790, 28.5620, 11.0100



39.8430, 28.2430, 0.2670

Triad

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



39.8790, 28.5620, 11.0100



33.6310, -12.7430, -16.8630



34.7200, -37.1380, 1.2460

Complementary

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



39.8790, 28.5620, 11.0100



59.1210, -28.5620, -11.0100

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.



36.2700, -35.9910, -3.0230



39.8790, 28.5620, 11.0100



33.5680, -25.6270, -14.6430

Square

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



39.8790, 28.5620, 11.0100



37.5920, 9.3560, -15.3800



35.7340, -31.7260, -8.7340



41.3210, -13.6650, 10.8710

Rectangle

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



39.8790, 28.5620, 11.0100



39.3600, 24.9890, -6.8430



35.7340, -31.7260, -8.7340



35.7800, -37.3670, -0.1110

Sweetspot

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



39.8790, 28.5620, 11.0100



83.6810, 11.3240, 4.0280



44.6390, 12.2830, 25.2030



40.2890, 6.5560, 2.3320



176.0000, -0.0000, -0.0000



48.0000, -0.0000, 0.0000

Same Dimension

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



39.8790, 28.5620, 11.0100



42.7780, 45.2040, 17.7800



52.5650, 23.1540, -1.1180



35.3100, 2.0630, 1.1590



30.9540, 59.5080, 22.8680



69.9100, 133.8700, 51.8700

Inverse Universe

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



39.8790, 28.5620, 11.0100



42.7780, 45.2040, 17.7800



46.4350, -23.1540, 1.1180



35.3100, 2.0630, 1.1590



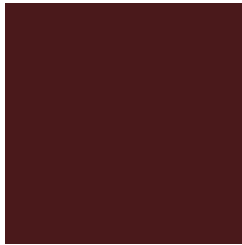
30.9540, 59.5080, 22.8680



69.9100, 133.8700, 51.8700

Previews

White Background



This preview shows how the YIQ color 39.8790, 28.5620, 11.0100 looks on a white background.

Color Contrast Check

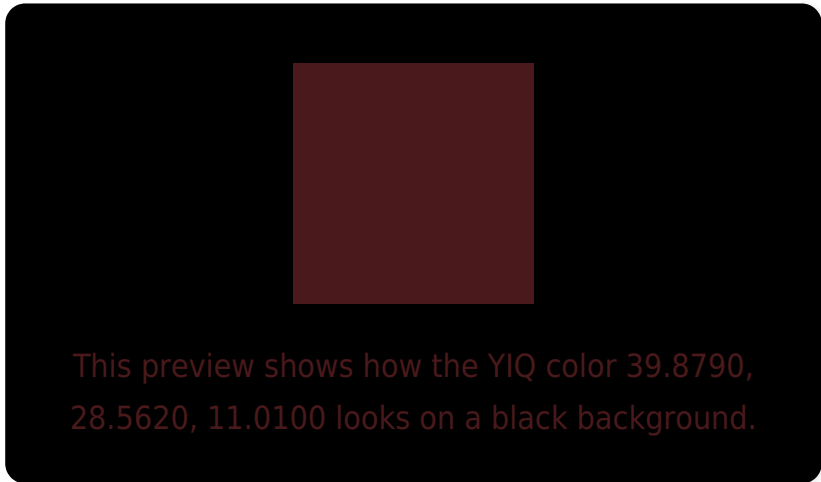
Large Text (above 18pt) WCAG AA ✓ Pass

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

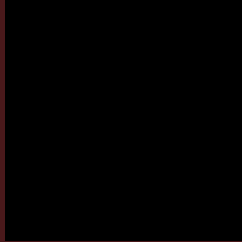
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 39.8790, 28.5620, 11.0100

Background



This preview shows how black text looks on a background with the YIQ color 39.8790, 28.5620, 11.0100.



This preview shows how white text looks on a background with the YIQ color 39.8790, 28.5620,

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

39.8790, 28.5620, 11.0100

Protanopia

41.9850, 4.3560, -1.8520

Deuteranopia

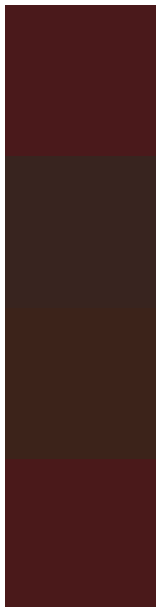
42.4650, 11.6920, -2.6440



Tritanopia

39.7650, 28.8830, 10.6990

Trichromacy



Original Color

39.8790, 28.5620, 11.0100

Protanomaly

41.4100, 13.5250, 2.6850

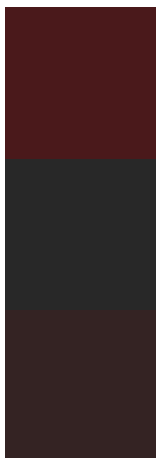
Deuteranomaly

41.4490, 17.7890, 2.5010

Tritanomaly

39.7650, 28.8830, 10.6990

Monochromacy



Original Color

39.8790, 28.5620, 11.0100

Achromatopsia

40.0000, 0.0000, -0.0000

Achromatomaly

40.0830, 10.1320, 3.6040

CSS Examples

Text

The CSS property to change the color of the text to YIQ 39.8790, 28.5620, 11.0100 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(74, 25, 27)` looks like.

```
.text, #text, p{  
    color:rgb(74, 25, 27)  
}
```

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(74, 25, 27) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(74, 25, 27) }
```

Border

The CSS property to change the border of an element to YIQ 39.8790, 28.5620, 11.0100 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(74, 25, 27) }
```


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

```
.border{ border-color:rgb(74, 25, 27) }
```

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

Here you see how a box with a 4 pixel rgb(74, 25, 27) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(74, 25, 27); -webkit-box-  
shadow:4px 4px 4px 4px rgb(74, 25, 27);  
box-shadow:4px 4px 4px 4px rgb(74, 25, 27)  
}
```

Background

The CSS property to change the background color of an element to YIQ 39.8790, 28.5620, 11.0100 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(74, 25, 27) }
```

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

```
.background{ background-color: rgb(74, 25,  
27) }
```

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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