

Converting Colors

YIQ(34.8790, 28.5620, 11.0100)

Have a look what the booklet for
YIQ(34.8790, 28.5620, 11.0100)
contains.

YIQ(34.8790, 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(34.8790, 28.5620,
11.0100)**

Conversions

Conversions Part 1

Format	Color
Hex	451416
RGB	69, 20, 22
RGB Percent	27%, 8%, 9%
CMY	0.7293, 0.9216, 0.9136
CMYK	0.00, 0.71, 0.68, 0.73
HSL	357°, 55%, 17%
HSV	357°, 71%, 27%
XYZ	2.8513, 1.8239, 0.9623
YIQ	34.8790, 28.5620, 11.0100

Conversions

Conversions Part 2

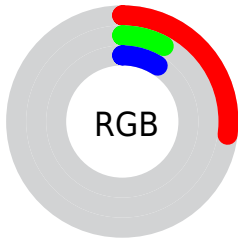
Format	Color
R_{YB}	69, 20, 22
Decimal	4527126
CIE Lab	14.53, 23.74, 11.30
CIE LCh	15, 26.294, 25.443
Yxy	1.8239, 0.5058, 0.3235
Android (android.graphics.Color)	4282717206 (0xFF451416)
YUV	34.8790, -6.3493, 29.9241
Hunter-Lab	13.5053, 14.0510, 5.2292

Details

The YIQ color **34.8790, 28.5620, 11.0100** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **54.1210, -28.5620, -11.0100**, and the grayscale version is **35.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **82.2170, 33.4220, 11.0380**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **29.9720, 32.7340, 12.4940**, and if you desaturate by 10%, it is **39.7860, 24.3900, 9.5260**.

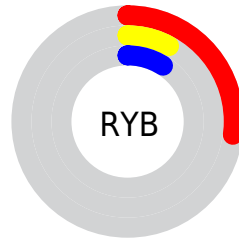
Distribution



Red (27%)

Green (8%)

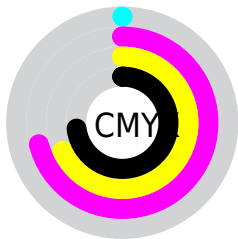
Blue (9%)



Red (27%)

Yellow (8%)

Blue (9%)

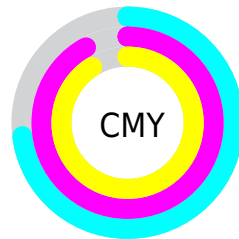


Cyan (0%)

Magenta (71%)

Yellow (68%)

Black (73%)



Cyan (73%)

Magenta (92%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 34.8790, 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 34.8790, 28.5620, 11.0100 by changing the saturation by 10% instead.

■ 34.8790, 28.5620,
11.0100

■ 34.8790, 28.5620,
11.0100

■ 251.7400, 3.6680,
-0.3960

■ 13.7540, 27.4160,
9.7520

■ 82.2170, 33.4220,
11.0380

■ 0.0000, 0.0000,
0.0000

■ 107.1140, 35.2100,
11.6740


■ 132.5980, 36.7230,
11.7870


■ 158.7940, 39.1070,
12.6350


■ 186.3920, 40.2990,
13.0590


■ 211.8970, 37.3190,


11.9990


 231.5250, 20.6310,
6.0630


 34.8790, 28.5620,
11.0100


 34.8790, 28.5620,
11.0100


 29.9720, 32.7340,
12.4940


 39.7860, 24.3900,
9.5260


 25.1790, 36.5850,
14.2890

 44.5790, 20.5390,
7.7310

 20.9730, 40.1610,
15.5610

 49.4860, 16.3670,
6.2470

 54.2790, 12.5160,
4.4520

 58.5990, 8.6190,
3.4910

■ 63.5060, 4.4470,
2.0070

■ 68.2990, 0.5960,
0.2120

■ 73.2060, -3.5760,
-1.2720

■ 78.1130, -7.7480,
-2.7560

Harmonies

Analogous

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



35.4580, 22.7380, 17.4420



34.8790, 28.5620, 11.0100



34.3870, 29.5270, -0.9770

Triad

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



34.8790, 28.5620, 11.0100



28.6200, -14.2100, -17.8100



31.9160, -34.7540, 2.0940

Complementary

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



34.8790, 28.5620, 11.0100



54.1210, -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.



33.4660, -33.6070, -2.1750



34.8790, 28.5620, 11.0100



30.1770, -22.9680, -13.2720

Square

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



34.8790, 28.5620, 11.0100



33.0480, 8.0720, -14.1360



32.3430, -29.0670, -7.3630



36.6200, -13.0690, 11.0830

Rectangle

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



34.8790, 28.5620, 11.0100



34.9300, 23.3840, -5.2880



32.3430, -29.0670, -7.3630



32.2750, -34.3870, 0.9490

Sweetspot

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



34.8790, 28.5620, 11.0100



76.3820, 10.7280, 3.8160



39.6390, 12.2830, 25.2030



37.7020, 6.8310, 2.8550



173.0000, -0.0000, 0.0000



46.0000, 0.0000, -0.0000

Same Dimension

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



34.8790, 28.5620, 11.0100



36.1800, 44.0120, 17.3560



47.5650, 23.1540, -1.1180



33.1960, 2.3840, 0.8480



30.0570, 57.7200, 22.2320



68.8990, 132.4030, 50.9230

Inverse Universe

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



34.8790, 28.5620, 11.0100



36.1800, 44.0120, 17.3560



41.4350, -23.1540, 1.1180



33.1960, 2.3840, 0.8480



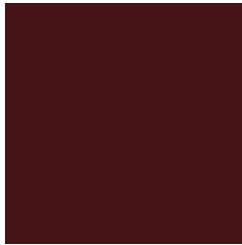
30.0570, 57.7200, 22.2320



68.8990, 132.4030, 50.9230

Previews

White Background



This preview shows how the YIQ color 34.8790, 28.5620, 11.0100 looks on a white background.

Color Contrast Check

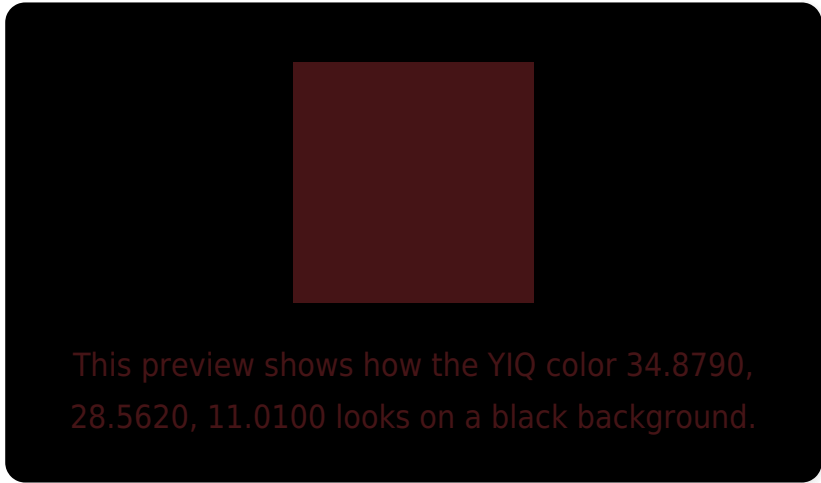
Large Text (above 18pt) WCAG AA ✓ Pass

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

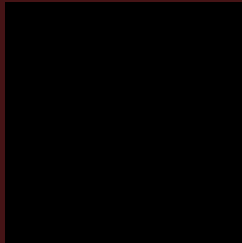
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 34.8790, 28.5620, 11.0100

Background



This preview shows how black text looks on a background with the YIQ color 34.8790, 28.5620, 11.0100.



This preview shows how white text looks on a background with the YIQ color 34.8790, 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

34.8790, 28.5620, 11.0100

Protanopia

37.8710, 4.6770, -2.1630

Deuteranopia

37.3510, 12.0130, -2.9550



Tritanopia

34.7650, 28.8830, 10.6990

Trichromacy



Original Color

34.8790, 28.5620, 11.0100

Protanomaly

36.4100, 13.5250, 2.6850

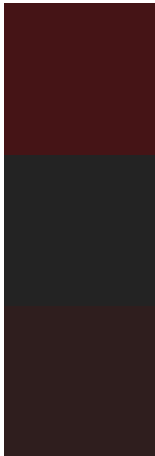
Deuteranomaly

36.3350, 18.1100, 2.1900

Tritanomaly

34.7650, 28.8830, 10.6990

Monochromacy



Original Color

34.8790, 28.5620, 11.0100

Achromatopsia

35.0000, 0.0000, 0.0000

Achromatomaly

35.0830, 10.1320, 3.6040

CSS Examples

Text

The CSS property to change the color of the text to YIQ 34.8790, 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(69, 20, 22)` looks like.

```
.text, #text, p{  
    color:rgb(69, 20, 22)  
}
```

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(69, 20, 22) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(69, 20, 22) }
```

Border

The CSS property to change the border of an element to YIQ 34.8790, 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(69, 20, 22) }
```


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

```
.border{ border-color:rgb(69, 20, 22) }
```

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

Here you see how a box with a 4 pixel `rgb(69, 20, 22)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(69, 20, 22); -webkit-box-  
shadow:4px 4px 4px 4px rgb(69, 20, 22);  
box-shadow:4px 4px 4px 4px rgb(69, 20, 22)  
}
```

Background

The CSS property to change the background color of an element to YIQ 34.8790, 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(69, 20, 22) }
```

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

```
.background{ background-color: rgb(69, 20,  
22) }
```

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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