

Converting Colors

YIQ(11.7900, 18.5670, 10.4310)

Have a look what the booklet for
YIQ(11.7900, 18.5670, 10.4310)
contains.

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Color

**YIQ(11.7900, 18.5670,
10.4310)**

Conversions

Conversions Part 1

Format	Color
Hex	240009
RGB	36, 0, 9
RGB Percent	14%, 0%, 4%
CMY	0.8587, 1.0000, 0.9646
CMYK	0.00, 1.00, 0.75, 0.86
HSL	345°, 100%, 7%
HSV	345°, 100%, 14%
XYZ	0.7778, 0.3952, 0.2942
YIQ	11.7900, 18.5670, 10.4310

Conversions

Conversions Part 2

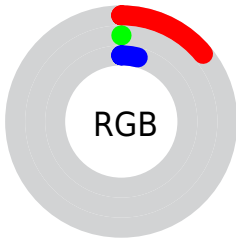
Format	Color
R _Y B	36, 0, 9
Decimal	2359305
CIE Lab	3.57, 16.47, 1.95
CIE LCh	4, 16.586, 6.742
Yxy	0.3952, 0.5301, 0.2694
Android (android.graphics.Color)	4280549385 (0xFF240009)
YUV	11.7900, -1.3755, 21.2322
Hunter-Lab	6.2869, 11.0808, 1.6260

Details

The YIQ color **11.7900, 18.5670, 10.4310** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **24.2100, -18.5670, -10.4310**, and the grayscale version is **12.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **57.6650, 17.4210, 9.1730**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **11.7900, 18.5670, 10.4310**, and if you desaturate by 10%, it is **14.4800, 16.5040, 9.2720**.

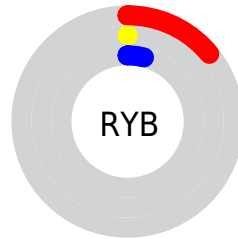
Distribution



Red (14%)

Green (0%)

Blue (4%)



Red (14%)

Yellow (0%)

Blue (4%)

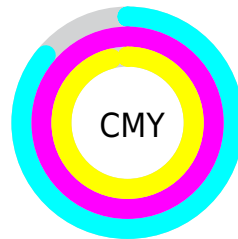


Cyan (0%)

Magenta (100%)

Yellow (75%)

Black (86%)



Cyan (86%)

Magenta (100%)

Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 11.7900, 18.5670, 10.4310 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 11.7900, 18.5670, 10.4310 by changing the saturation by 10% instead.

■ 11.7900, 18.5670,
10.4310

■ 11.7900, 18.5670,
10.4310

■ 235.4690, 15.0370,
8.3250

■ 0.0000, 0.0000,
0.0000

■ 57.6650, 17.4210,
9.1730

■ 80.5620, 19.2090,
9.8090


■ 104.8610, 19.8050,
10.0210


■ 130.4590, 20.9970,
10.4450


■ 156.7580, 21.5930,
10.6570


■ 183.4700, 22.4640,


11.3920


 211.6550, 23.3810,
11.2930


 11.7900, 18.5670,
10.4310

 14.4800, 16.5040,
9.2720

 16.4690, 15.0370,
8.3250

 19.1590, 12.9740,
7.1660

 21.2620, 11.1860,
6.5300

 23.9520, 9.1230,
5.3710

■ 26.5280, 7.3810,
3.9010

■ 28.6310, 5.5930,
3.2650

■ 31.3210, 3.5300,
2.1060

■ 33.3100, 2.0630,
1.1590

Harmonies

Analogous

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



13.1790, 10.2220, 12.9900



11.7900, 18.5670, 10.4310



11.6390, 20.3100, 6.3740

Triad

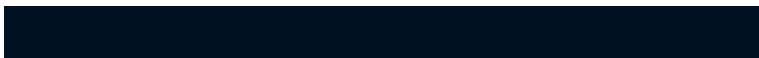
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



11.7900, 18.5670, 10.4310



10.5660, -4.9500, -9.4140



14.4420, -15.8640, 1.1600

Complementary

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



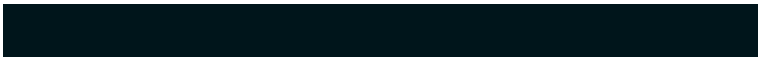
11.7900, 18.5670, 10.4310



24.2100, -18.5670, -10.4310

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.



15.4050, -14.4420, -2.5860



11.7900, 18.5670, 10.4310



12.3270, -5.7750, -10.9830

Square

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



11.7900, 18.5670, 10.4310



12.4040, 4.4940, -4.3540



14.1510, -10.9110, -6.0070



11.7350, -15.1310, 4.3970

Rectangle

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



11.7900, 18.5670, 10.4310



11.9050, 16.5050, 3.7450



14.1510, -10.9110, -6.0070



14.8010, -15.4970, 0.0150

Sweetspot

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



11.7900, 18.5670, 10.4310



36.6420, 7.0600, 4.2120



11.8780, 3.9400, 16.7080



17.6200, 4.1260, 2.3180



150.0000, -0.0000, -0.0000



23.0000, 0.0000, -0.0000

Same Dimension

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



11.7900, 18.5670, 10.4310



15.0080, 23.8850, 13.1730



15.4600, 19.2560, 3.4480



16.7120, 0.8710, 0.7350



26.7980, 42.4520, 23.6040



68.4190, 107.8720, 60.4800

Inverse Universe

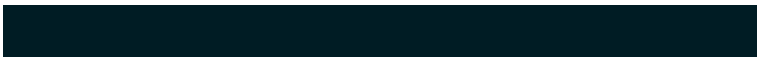
The Inverse Universe completely reimagines the original color for something new.



11.7900, 18.5670, 10.4310



15.0080, 23.8850, 13.1730



20.5400, -19.2560, -3.4480



16.7120, 0.8710, 0.7350



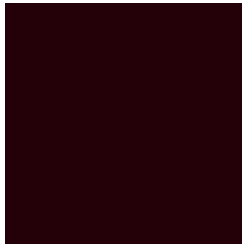
26.7980, 42.4520, 23.6040



68.4190, 107.8720, 60.4800

Previews

White Background



This preview shows how the YIQ color 11.7900, 18.5670, 10.4310 looks on a white background.

Color Contrast Check

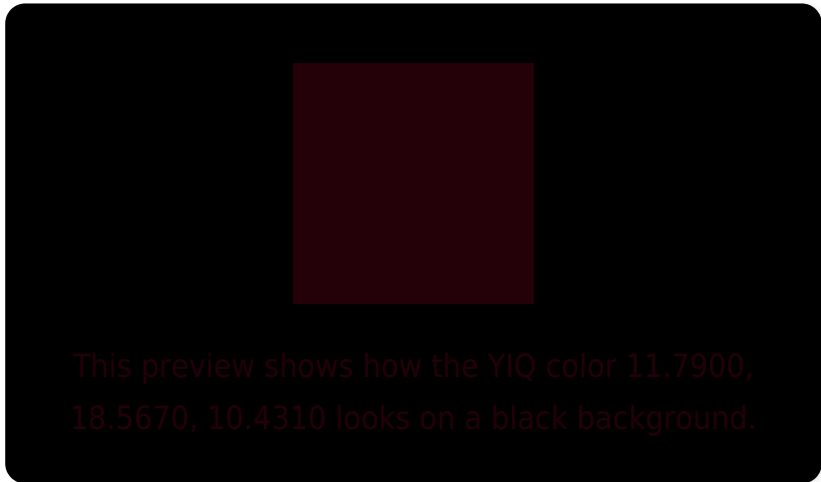
Large Text (above 18pt) WCAG AA ✓ Pass

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

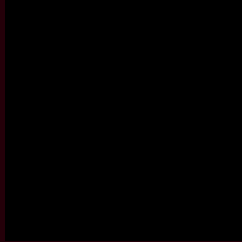
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 11.7900, 18.5670, 10.4310

Background



This preview shows how black text looks on a background with the YIQ color 11.7900, 18.5670, 10.4310.



This preview shows how white text looks on a background with the YIQ color 11.7900, 18.5670,

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

11.7900, 18.5670, 10.4310

Protanopia

18.1420, 2.4760, -0.8200

Deuteranopia

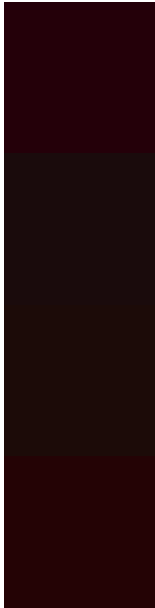
17.6540, 6.7860, -1.8380



Tritanopia

13.3400, 19.7140, 6.1620

Trichromacy



Original Color

11.7900, 18.5670, 10.4310

Protanomaly

15.5990, 8.6190, 3.4910

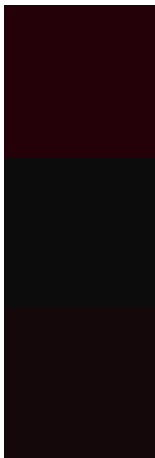
Deuteranomaly

15.7410, 11.0950, 2.6710

Tritanomaly

13.0950, 19.0260, 7.6180

Monochromacy



Original Color

11.7900, 18.5670, 10.4310

Achromatopsia

12.0000, -0.0000, 0.0000

Achromatomaly

12.2290, 6.7850, 3.6890

CSS Examples

Text

The CSS property to change the color of the text to YIQ 11.7900, 18.5670, 10.4310 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(36, 0, 9)` looks like.

```
.text, #text, p{  
    color:rgb(36, 0, 9)  
}
```

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(36, 0, 9) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(36, 0, 9) }
```

Border

The CSS property to change the border of an element to YIQ 11.7900, 18.5670, 10.4310 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(36, 0, 9) }
```


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

```
.border{ border-color:rgb(36, 0, 9) }
```

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

Here you see how a box with a 4 pixel `rgb(36, 0, 9)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(36, 0, 9); -webkit-box-shadow:4px  
4px 4px 4px rgb(36, 0, 9); box-shadow:4px  
4px 4px 4px rgb(36, 0, 9) }
```

Background

The CSS property to change the background color of an element to YIQ 11.7900, 18.5670, 10.4310 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(36, 0, 9) }
```

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

```
.background{ background-color: rgb(36, 0,  
9) }
```

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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