

Converting Colors

YIQ(19.2300, -11.0100, 34.3500)

Have a look what the booklet for
YIQ(19.2300, -11.0100, 34.3500)
contains.

YIQ(19.2300, -11.0100, 34.3500)	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>	30

Color

**YIQ(19.2300, -11.0100,
34.3500)**

Conversions

Conversions Part 1

Format	Color
Hex	1E005A
RGB	30, 0, 90
RGB Percent	12%, 0%, 35%
CMY	0.8822, 1.0000, 0.6472
CMYK	0.67, 1.00, 0.00, 0.65
HSL	260°, 100%, 18%
HSV	260°, 100%, 35%
XYZ	2.3806, 1.0142, 9.7367
YIQ	19.2300, -11.0100, 34.3500

Conversions

Conversions Part 2

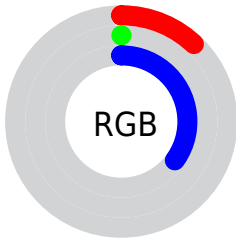
Format	Color
R_{YB}	30, 0, 90
Decimal	1966170
CIE Lab	9.11, 38.06, -46.14
CIE LCh	9, 59.817, 309.517
Yxy	1.0142, 0.1813, 0.0772
Android (android.graphics.Color)	4280156250 (0xFF1E005A)
YUV	19.2300, 34.8896, 9.4453
Hunter-Lab	10.0708, 24.5714, -50.2737

Details

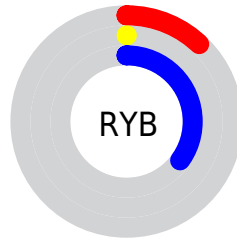
The YIQ color **19.2300, -11.0100, 34.3500** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **70.7700, 11.0100, -34.3500**, and the grayscale version is **19.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **69.0780, -7.5260, 37.2900**, and **6.6630, -14.6280, 11.8040** is the 20% darker color. If you saturate the color by 10%, you get **19.2300, -11.0100, 34.3500**, and if you desaturate by 10%, it is **26.3070, -9.9090, 30.9150**.

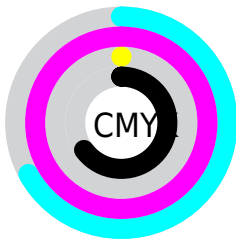
Distribution



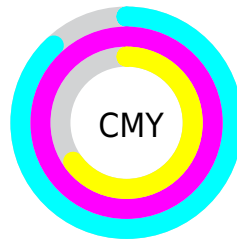
- Red (12%)
- Green (0%)
- Blue (35%)



- Red (12%)
- Yellow (0%)
- Blue (35%)



- Cyan (67%)
- Magenta (100%)
- Yellow (0%)
- Black (65%)



- Cyan (88%)
- Magenta (100%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 19.2300, -11.0100, 34.3500 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 19.2300, -11.0100, 34.3500 by changing the saturation by 10% instead.

■ 19.2300, -11.0100,
34.3500

■ 19.2300, -11.0100,
34.3500

■ 240.3250, 6.8750,
13.0750

■ 9.0190, -18.2060,
21.5860

■ 69.0780, -7.5260,
37.2900

■ 6.6630, -14.6280,
11.8040

■ 94.0180, -7.2970,
38.6470

■ 2.9810, -7.0160,
6.0080

■ 119.3710, -6.7930,
40.5270

■ 0.0000, 0.0000,
0.0000

■ 146.1970, -6.2430,
41.5730

■ 173.1370, -6.0140,
42.9300

■ 197.8850, 3.2030,

35.5790

■ 222.9920, 12.7870,
27.0830

■ 19.2300, -11.0100,
34.3500

■ 26.3070, -9.9090,
30.9150

■ 33.3840, -8.8080,
27.4800

■ 40.4610, -7.7070,
24.0450

■ 47.5380, -6.6060,
20.6100

■ 54.6150, -5.5050,
17.1750

■ 61.6920, -4.4040,
13.7400

■ 68.7690, -3.3030,
10.3050

■ 75.8460, -2.2020,
6.8700

■ 82.9230, -1.1010,
3.4350

Harmonies

Analogous

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



30.0360, -43.2390, 18.2090



19.2300, -11.0100, 34.3500



29.5920, 28.8330, 33.6410

Triad

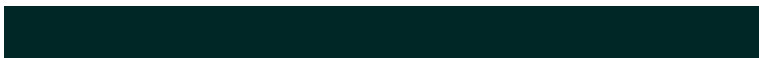
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



19.2300, -11.0100, 34.3500



22.0160, 29.4340, 6.2180



27.2250, -22.9230, -8.5790

Complementary

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



19.2300, -11.0100, 34.3500



70.7700, 11.0100, -34.3500

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.



22.3060, -10.4500, -19.8740



19.2300, -11.0100, 34.3500



23.3020, 4.5410, -10.7150

Square

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



19.2300, -11.0100, 34.3500



23.0230, 45.8920, 16.3240



21.7190, -10.1750, -19.3510



32.9590, -36.3130, 2.8150

Rectangle

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



19.2300, -11.0100, 34.3500



29.3190, 42.5430, 27.4630



21.7190, -10.1750, -19.3510



25.0420, -18.1540, -12.4100

Sweetspot

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



19.2300, -11.0100, 34.3500



89.5780, -4.0830, 13.4290



45.4800, -45.3900, -3.3900



42.4870, -2.5690, 8.0150



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.



19.2300, -11.0100, 34.3500



24.9990, -14.3130, 44.6550



32.6850, 15.8100, 43.8900



42.1680, -0.4130, 1.9790



23.6030, -13.2580, 42.0540



50.6390, -28.9930, 90.4550

Inverse Universe

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



33.7500, 34.3800, 37.7400



43.8750, 44.6940, 49.0620



57.3150, -15.8100, -43.8900



42.8370, 2.0170, 1.9930



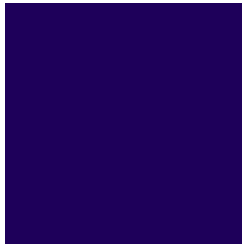
41.2120, 42.1270, 46.0230



88.8750, 90.5340, 99.3820

Previews

White Background



This preview shows how the YIQ color 19.2300, -11.0100, 34.3500 looks on a white background.

Color Contrast Check

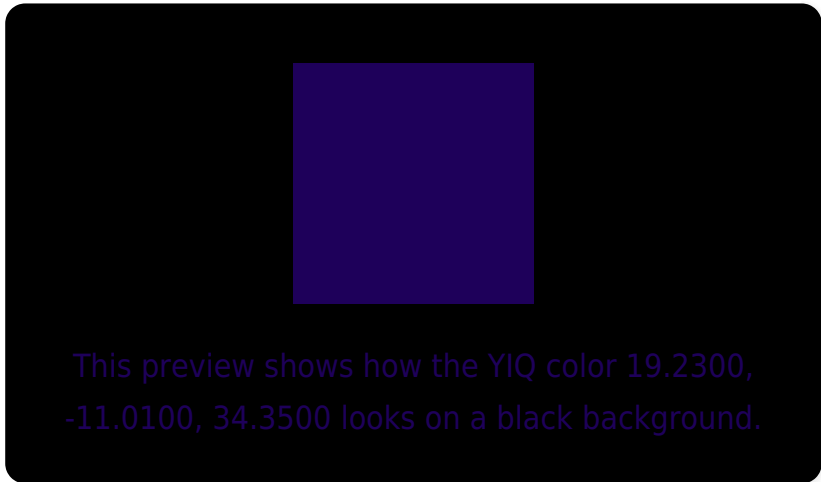
Large Text (above 18pt) WCAG AA ✓ Pass

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

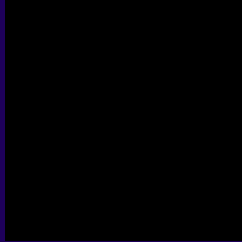
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 19.2300, -11.0100, 34.3500

Background



This preview shows how black text looks on a background with the YIQ color 19.2300, -11.0100, 34.3500.



This preview shows how white text looks on a background with the YIQ color 19.2300, -11.0100,

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

19.2300, -11.0100, 34.3500

Protanopia

24.0910, -27.8770, 4.1150

Deuteranopia

24.1250, -25.2170, -0.0410

Trichromacy



Original Color

19.2300, -11.0100, 34.3500

Protanomaly

22.0630, -21.5060, 15.3100

Deuteranomaly

22.5530, -20.1300, 12.3980

Monochromacy



Original Color

19.2300, -11.0100, 34.3500

Achromatopsia

19.0000, -0.0000, -0.0000

Achromatomaly

19.0510, -4.0370, 12.5950

CSS Examples

Text

The CSS property to change the color of the text to YIQ 19.2300, -11.0100, 34.3500 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(30, 0, 90)` looks like.

```
.text, #text, p{  
    color:rgb(30, 0, 90)  
}
```

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(30, 0, 90) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(30, 0, 90) }
```

Border

The CSS property to change the border of an element to YIQ 19.2300, -11.0100, 34.3500 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(30, 0, 90) }
```

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

```
.border{ border-color:rgb(30, 0, 90) }
```

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

Here you see how a box with a 4 pixel `rgb(30, 0, 90)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(30, 0, 90); -webkit-box-shadow:4px  
4px 4px 4px rgb(30, 0, 90); box-shadow:4px  
4px 4px 4px rgb(30, 0, 90) }
```


Background

The CSS property to change the background color of an element to YIQ 19.2300, -11.0100, 34.3500 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(30, 0, 90) }
```

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

```
.background{ background-color: rgb(30, 0,  
90) }
```

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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