

Converting Colors

YIQ(14.6700, 1.8300, 21.9100)

Have a look what the booklet for
YIQ(14.6700, 1.8300, 21.9100)
contains.

YIQ(14.6700, 1.8300, 21.9100)	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(14.6700, 1.8300,
21.9100)**

Conversions

Conversions Part 1

Format	Color
Hex	1E0032
RGB	30, 0, 50
RGB Percent	12%, 0%, 20%
CMY	0.8822, 1.0000, 0.8040
CMYK	0.40, 1.00, 0.00, 0.80
HSL	276°, 100%, 10%
HSV	276°, 100%, 20%
XYZ	1.1117, 0.5066, 3.0559
YIQ	14.6700, 1.8300, 21.9100

Conversions

Conversions Part 2

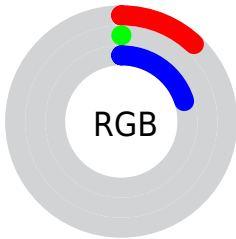
Format	Color
R_{YB}	30, 0, 50
Decimal	1966130
CIE Lab	4.58, 24.81, -25.30
CIE LCh	5, 35.435, 314.434
Yxy	0.5066, 0.2378, 0.1084
Android (android.graphics.Color)	4280156210 (0xFF1E0032)
YUV	14.6700, 17.4177, 13.4444
Hunter-Lab	7.1178, 15.4238, -20.4726

Details

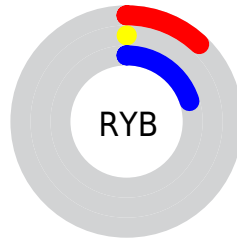
The YIQ color **14.6700, 1.8300, 21.9100** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **35.3300, -1.8300, -21.9100**, and the grayscale version is **15.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **60.1970, 1.7840, 22.7440**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **14.6700, 1.8300, 21.9100**, and if you desaturate by 10%, it is **18.2030, 1.6470, 19.7190**.

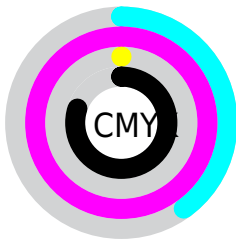
Distribution



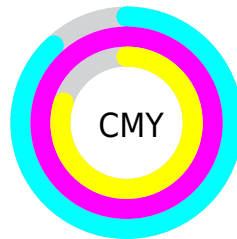
- Red (12%)
- Green (0%)
- Blue (20%)



- Red (12%)
- Yellow (0%)
- Blue (20%)



- Cyan (40%)
- Magenta (100%)
- Yellow (0%)
- Black (80%)



- Cyan (88%)
- Magenta (100%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 14.6700, 1.8300, 21.9100 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 14.6700, 1.8300, 21.9100 by changing the saturation by 10% instead.

■ 14.6700, 1.8300,
21.9100

■ 14.6700, 1.8300,
21.9100

■ 237.3900, 8.2500,
15.6900

■ 3.1920, -8.9880,
8.7080

■ 60.1970, 1.7840,
22.7440

■ 0.0000, 0.0000,
0.0000

■ 83.7240, 1.7380,
23.5780

■ 108.5500, 2.2880,
24.6240

■ 134.0770, 2.2420,
25.4580

■ 160.7890, 3.1130,
26.1930

■ 187.3160, 3.0670,

27.0270

■ 215.2730, 4.6260,
26.3060

■ 14.6700, 1.8300,
21.9100

■ 18.2030, 1.6470,
19.7190

■ 21.7360, 1.4640,
17.5280

■ 25.2690, 1.2810,
15.3370

■ 28.8020, 1.0980,
13.1460

■ 32.3350, 0.9150,
10.9550

■ 35.8680, 0.7320,
8.7640

■ 39.4010, 0.5490,
6.5730

■ 42.9340, 0.3660,
4.3820

■ 46.4670, 0.1830,
2.1910

Harmonies

Analogous

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



15.8730, -24.0270, 11.4370



14.6700, 1.8300, 21.9100



18.3700, 20.1700, 19.9300

Triad

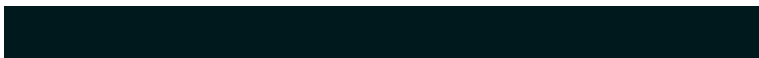
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



14.6700, 1.8300, 21.9100



15.1500, 17.1930, 2.2890



17.8670, -15.8630, -4.3670

Complementary

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



14.6700, 1.8300, 21.9100



35.3300, -1.8300, -21.9100

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.



14.6750, -6.8750, -13.0750



14.6700, 1.8300, 21.9100



12.6370, -3.7120, -9.8240

Square

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



14.6700, 1.8300, 21.9100



14.0530, 28.0120, 9.9640



14.6750, -6.8750, -13.0750



21.4350, -23.1540, 1.1180

Rectangle

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



14.6700, 1.8300, 21.9100



17.5140, 28.3320, 15.1800



14.6750, -6.8750, -13.0750



16.9550, -13.2950, -6.8550

Sweetspot

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



14.6700, 1.8300, 21.9100



50.4550, 0.4570, 8.2410



17.4400, -21.5500, 5.0900



24.4610, 0.3200, 5.2160



161.0000, -0.0000, -0.0000



33.0000, -0.0000, -0.0000

Same Dimension

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



14.6700, 1.8300, 21.9100



18.6580, 2.1040, 27.9600



20.0800, 15.3550, 24.5950



23.6410, -0.3670, 1.1450



26.2920, 3.6150, 39.1270



63.6080, 7.8230, 95.0470

Inverse Universe

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



17.2300, 23.3800, 16.8200



21.9860, 30.1190, 21.3430



29.9200, -15.3550, -24.5950



24.0110, 1.4670, 0.9470



30.7150, 41.4880, 30.0640



74.8010, 101.4050, 73.0610

Previews

White Background



This preview shows how the YIQ color 14.6700, 1.8300, 21.9100 looks on a white background.

Color Contrast Check

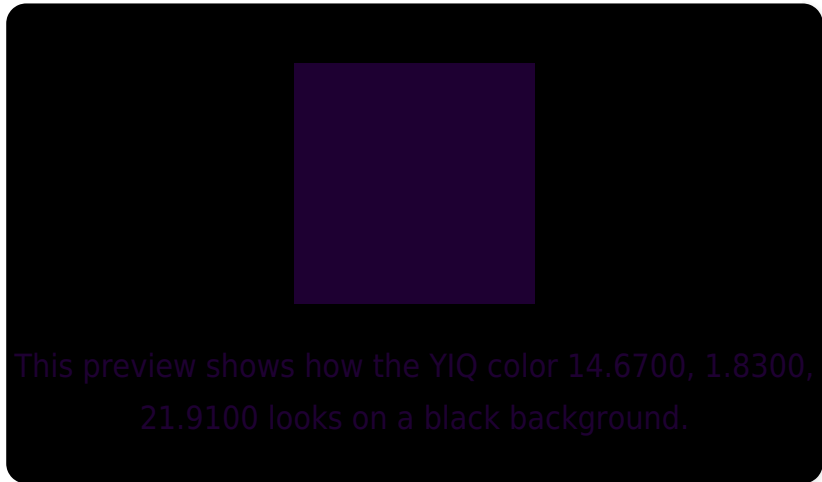
Large Text (above 18pt) WCAG AA ✓ Pass

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

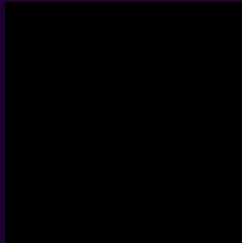
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 14.6700, 1.8300, 21.9100

Background



This preview shows how black text looks on a background with the YIQ color 14.6700, 1.8300, 21.9100.



This preview shows how white text looks on a background with the YIQ color 14.6700, 1.8300,

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

14.6700, 1.8300, 21.9100

Protanopia

16.5280, -18.9820, 2.6020

Deuteranopia

16.4310, -17.3310, 0.2130



Tritanopia

21.3100, 2.0630, 1.1590

Trichromacy



Original Color

14.6700, 1.8300, 21.9100

Protanomaly

16.0500, -11.4640, 9.5280

Deuteranomaly

15.5940, -10.1800, 8.2840

Tritanomaly

19.0530, 1.6490, 8.6650

Monochromacy



Original Color

14.6700, 1.8300, 21.9100

Achromatopsia

15.0000, -0.0000, -0.0000

Achromatomaly

15.0420, 0.1820, 7.7180

CSS Examples

Text

The CSS property to change the color of the text to YIQ 14.6700, 1.8300, 21.9100 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, 50)` looks like.

```
.text, #text, p{  
    color:rgb(30, 0, 50)  
}
```

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, 50) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(30, 0, 50) }
```

Border

The CSS property to change the border of an element to YIQ 14.6700, 1.8300, 21.9100 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, 50) }
```


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

```
.border{ border-color:rgb(30, 0, 50) }
```

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, 50)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(30, 0, 50); -webkit-box-shadow:4px  
4px 4px 4px rgb(30, 0, 50); box-shadow:4px  
4px 4px 4px rgb(30, 0, 50) }
```

Background

The CSS property to change the background color of an element to YIQ 14.6700, 1.8300, 21.9100 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, 50) }
```

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

```
.background{ background-color: rgb(30, 0,  
50) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor