

Converting Colors

YIQ(43.6740, -30.3560, 21.5160)

Have a look what the booklet for
YIQ(43.6740, -30.3560, 21.5160)
contains.

YIQ(43.6740, -30.3560, 21.5160)	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(43.6740, -30.3560,
21.5160)**

Conversions

Conversions Part 1

Format	Color
Hex	1C2672
RGB	28, 38, 114
RGB Percent	11%, 15%, 45%
CMY	0.8902, 0.8510, 0.5531
CMYK	0.75, 0.67, 0.00, 0.55
HSL	233°, 61%, 28%
HSV	233°, 75%, 45%
XYZ	4.2070, 2.8473, 16.2338
YIQ	43.6740, -30.3560, 21.5160

Conversions

Conversions Part 2

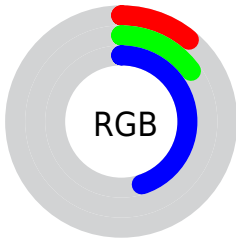
Format	Color
R_{YB}	28, 37, 114
Decimal	1844850
CIE _{Lab}	19.42, 24.19, -44.98
CIE _{LCh}	19, 51.070, 298.268
Yxy	2.8473, 0.1806, 0.1223
Android (android.graphics.Color)	4280034930 (0xFF1C2672)
YUV	43.6740, 34.6707, -13.7461
Hunter-Lab	16.8740, 14.9733, -45.2286

Details

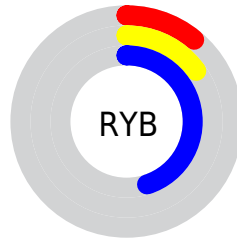
The YIQ color **43.6740, -30.3560, 21.5160** is a dark color, and the websafe version is hex **003399**. A complement of this color would be **98.3260, 30.3560, -21.5160**, and the grayscale version is **43.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **93.4730, -25.1760, 26.7600**, and **7.4100, -20.8650, 20.2150** is the 20% darker color. If you saturate the color by 10%, you get **34.5150, -34.1620, 24.4140**, and if you desaturate by 10%, it is **52.8330, -26.5500, 18.6180**.

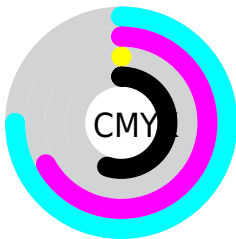
Distribution



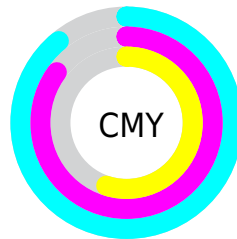
- Red (11%)
- Green (15%)
- Blue (45%)



- Red (11%)
- Yellow (15%)
- Blue (45%)



- Cyan (75%)
- Magenta (67%)
- Yellow (0%)
- Black (55%)



- Cyan (89%)
- Magenta (85%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 43.6740, -30.3560, 21.5160 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 43.6740, -30.3560, 21.5160 by changing the saturation by 10% instead.

■ 43.6740, -30.3560,
21.5160

■ 43.6740, -30.3560,
21.5160

■ 255.0000, -0.0000,
-0.0000

■ 20.7120, -33.5190,
18.2650

■ 93.4730, -25.1760,
26.7600

■ 7.4100, -20.8650,
20.2150

■ 118.7120,
-24.3510, 28.3290

■ 6.5490, -14.3070,
11.4930

■ 144.6520,
-24.1220, 29.6860

■ 2.8670, -6.6950,
5.6970

■ 171.5920,
-23.8930, 31.0430

■ 0.0000, 0.0000,
0.0000

■ 196.5680,
-15.3180, 24.3140

■ 221.3760, -6.3300,

15.6060

247.3690, 3.5750,
6.7990

43.6740, -30.3560,
21.5160

43.6740, -30.3560,
21.5160

34.5150, -34.1620,
24.4140

52.8330, -26.5500,
18.6180

25.0570, -38.5640,
27.1000

62.2910, -22.1480,
15.9320

20.6270, -40.1690,
28.6550

71.4500, -18.3420,
13.0340

80.9080, -13.9400,
10.3480

90.0670, -10.1340,
7.4500

■ 99.2260, -6.3280,
4.5520

■ 108.6840, -1.9260,
1.8660

■ 118.4300, 1.6050,
-1.5550

■ 127.8880, 6.0070,
-4.2410

Harmonies

Analogous

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



45.1330, -54.0580, 10.5340



43.6740, -30.3560, 21.5160



39.4530, 22.2750, 42.3630

Triad

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



43.6740, -30.3560, 21.5160



42.4600, 45.6190, 4.7470



40.8230, -30.8990, -18.2190

Complementary

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



43.6740, -30.3560, 21.5160



98.3260, 30.3560, -21.5160

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.



34.6330, -16.2250, -30.8570



43.6740, -30.3560, 21.5160



44.6540, 23.9810, -10.6030

Square

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



43.6740, -30.3560, 21.5160



33.2900, 58.6820, 26.8260



39.1620, -1.4170, -23.8890



45.7420, -43.3720, -6.9240

Rectangle

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



43.6740, -30.3560, 21.5160



37.9790, 41.1650, 41.4290



39.1620, -1.4170, -23.8890



39.3410, -26.7260, -22.2620

Sweetspot

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



43.6740, -30.3560, 21.5160



120.2240, -12.0140, 8.4820



87.1460, -48.0460, -21.3420



57.1550, -7.5660, 4.9620



201.0000, -0.0000, 0.0000



74.0000, -0.0000, 0.0000

Same Dimension

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



43.6740, -30.3560, 21.5160



37.7820, -47.7350, 33.6170



47.6710, -7.9380, 33.7420



51.2710, -2.2010, 1.3430



21.8980, -42.3700, 29.9980



45.1810, -87.2620, 61.6500

Inverse Universe

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



54.8540, 48.0460, 21.3420



55.1890, 75.3240, 33.5960



94.3290, 7.9380, -33.7420



51.9080, 3.2550, 1.5830



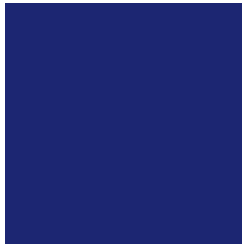
37.4760, 67.0260, 29.7940



77.1590, 137.9030, 61.3830

Previews

White Background



This preview shows how the YIQ color 43.6740, -30.3560, 21.5160 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



This preview shows how the YIQ color 43.6740, -30.3560, 21.5160 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

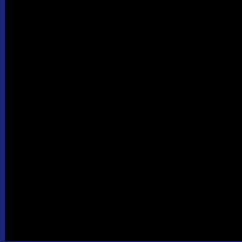
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 43.6740, -30.3560, 21.5160

Background



This preview shows how black text looks on a background with the YIQ color 43.6740, -30.3560, 21.5160.



This preview shows how white text looks on a background with the YIQ color 43.6740, -30.3560,

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

43.6740, -30.3560, 21.5160

Protanopia

38.0600, -43.7870, 6.1090

Deuteranopia

38.2250, -40.1180, 0.1860



Tritanopia

37.4950, -32.5510, -10.3030

Trichromacy



Original Color

43.6740, -30.3560, 21.5160

Protanomaly

39.9730, -38.9280, 11.6640

Deuteranomaly

40.1210, -36.5890, 7.8190

Tritanomaly

39.9440, -31.9570, 0.9630

Monochromacy



Original Color

43.6740, -30.3560, 21.5160

Achromatopsia

44.0000, -0.0000, -0.0000

Achromatomaly

43.8820, -11.0510, 7.5490

CSS Examples

Text

The CSS property to change the color of the text to YIQ 43.6740, -30.3560, 21.5160 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(28, 38, 114)` looks like.

```
.text, #text, p{  
    color:rgb(28, 38, 114)  
}
```

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(28, 38, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(28, 38, 114) }
```

Border

The CSS property to change the border of an element to YIQ 43.6740, -30.3560, 21.5160 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(28, 38, 114) }
```


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

```
.border{ border-color:rgb(28, 38, 114) }
```

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

Here you see how a box with a 4 pixel `rgb(28, 38, 114)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(28, 38, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(28, 38, 114);  
box-shadow:4px 4px 4px 4px rgb(28, 38,  
114) }
```

Background

The CSS property to change the background color of an element to YIQ 43.6740, -30.3560, 21.5160 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(28, 38, 114) }
```

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

```
.background{ background-color: rgb(28, 38,  
114) }
```

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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