

Converting Colors

YIQ(36.7460, 13.8400, 35.5360)

Have a look what the booklet for
YIQ(36.7460, 13.8400, 35.5360)
contains.

YIQ(36.7460, 13.8400, 35.5360)	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(36.7460, 13.8400,
35.5360)**

Conversions

Conversions Part 1

Format	Color
Hex	480A52
RGB	72, 10, 82
RGB Percent	28%, 4%, 32%
CMY	0.7175, 0.9609, 0.6784
CMYK	0.12, 0.88, 0.00, 0.68
HSL	292°, 78%, 18%
HSV	292°, 88%, 32%
XYZ	4.3074, 2.2053, 8.1812
YIQ	36.7460, 13.8400, 35.5360

Conversions

Conversions Part 2

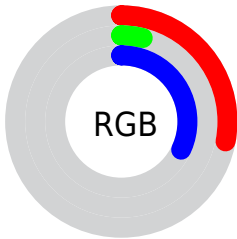
Format	Color
R_{YB}	72, 10, 82
Decimal	4721234
CIE _{Lab}	16.53, 38.05, -28.31
CIE _{LCh}	17, 47.425, 323.350
Yxy	2.2053, 0.2931, 0.1501
Android (android.graphics.Color)	4282911314 (0xFF480A52)
YUV	36.7460, 22.3102, 30.9178
Hunter-Lab	14.8503, 25.7865, -22.2685

Details

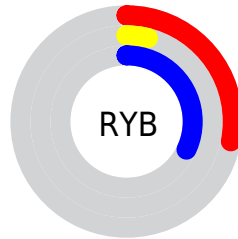
The YIQ color **36.7460, 13.8400, 35.5360** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **55.2540, -13.8400, -35.5360**, and the grayscale version is **37.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **87.6320, 14.1610, 35.2250**, and **11.6930, 3.0230, 16.8070** is the 20% darker color. If you saturate the color by 10%, you get **31.7510, 15.4440, 39.5080**, and if you desaturate by 10%, it is **41.7410, 12.2360, 31.5640**.

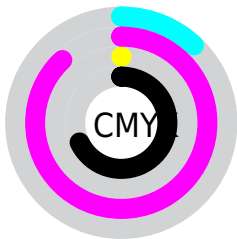
Distribution



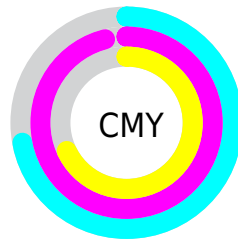
- Red (28%)
- Green (4%)
- Blue (32%)



- Red (28%)
- Yellow (4%)
- Blue (32%)



- Cyan (12%)
- Magenta (88%)
- Yellow (0%)
- Black (68%)



- Cyan (72%)
- Magenta (96%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 36.7460, 13.8400, 35.5360 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 36.7460, 13.8400, 35.5360 by changing the saturation by 10% instead.

36.7460, 13.8400,
35.5360

36.7460, 13.8400,
35.5360

251.4780, 1.6500,
3.1380

21.0780, 9.6690,
28.5250

87.6320, 14.1610,
35.2250

11.6930, 3.0230,
16.8070

113.3440, 15.0320,
35.9600

1.3680, -3.8520,
3.7320

139.7570, 15.3070,
36.4830

0.0000, 0.0000,
0.0000


166.8820, 16.4530,
37.7410


194.4090, 16.4070,
38.5750


218.0190, 17.3250,


32.9490


 235.0420, 9.3500,
17.7820


 36.7460, 13.8400,
35.5360


 36.7460, 13.8400,
35.5360


 31.7510, 15.4440,
39.5080


 41.7410, 12.2360,
31.5640

 30.5770, 15.9940,
40.5540

 46.7360, 10.6320,
27.5920

 52.3180, 8.7530,
23.0970

 57.6120, 7.7450,
19.3370

 62.6070, 6.1410,
15.3650

■ 67.6020, 4.5370,
11.3930

■ 72.5970, 2.9330,
7.4210

■ 78.1790, 1.0540,
2.9260

■ 83.1740, -0.5500,
-1.0460

Harmonies

Analogous

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



32.9880, -43.2840, 13.5160



36.7460, 13.8400, 35.5360



33.8060, 39.9740, 35.4780

Triad

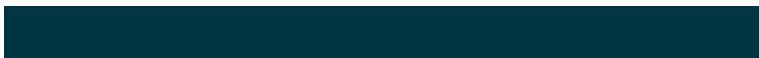
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



36.7460, 13.8400, 35.5360



39.0610, 24.3930, -7.0550



39.3360, -36.3570, -7.4050

Complementary

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



36.7460, 13.8400, 35.5360



55.2540, -13.8400, -35.5360

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.



35.3460, -25.1220, -18.2900



36.7460, 13.8400, 35.5360



35.3630, 2.5710, -19.0690

Square

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



36.7460, 13.8400, 35.5360



35.0840, 43.9220, 7.9700



29.9370, -14.0250, -26.6730



42.0550, -45.3910, 2.1370

Rectangle

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



36.7460, 13.8400, 35.5360



32.1950, 48.8240, 29.2720



29.9370, -14.0250, -26.6730



38.0820, -32.8260, -10.8260

Sweetspot

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



36.7460, 13.8400, 35.5360



89.3680, 5.3160, 13.7960



24.6650, -26.1370, 16.6390



43.1240, 2.8870, 8.2550



181.0000, -0.0000, 0.0000



54.0000, -0.0000, 0.0000

Same Dimension

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



36.7460, 13.8400, 35.5360



39.7060, 20.4850, 52.7810



36.8860, 27.8250, 29.8810



38.3530, 0.5040, 1.8800



38.8800, 19.9350, 51.7350



86.2480, 44.7280, 114.5520

Inverse Universe

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



32.6680, 39.7020, 18.3740



33.7030, 58.9570, 27.3490



55.1140, -27.8250, -29.8810



38.1960, 2.3840, 0.8480



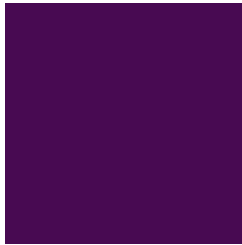
32.9910, 58.0860, 26.6140



73.0160, 128.0000, 59.1360

Previews

White Background



This preview shows how the YIQ color 36.7460, 13.8400, 35.5360 looks on a white background.

Color Contrast Check

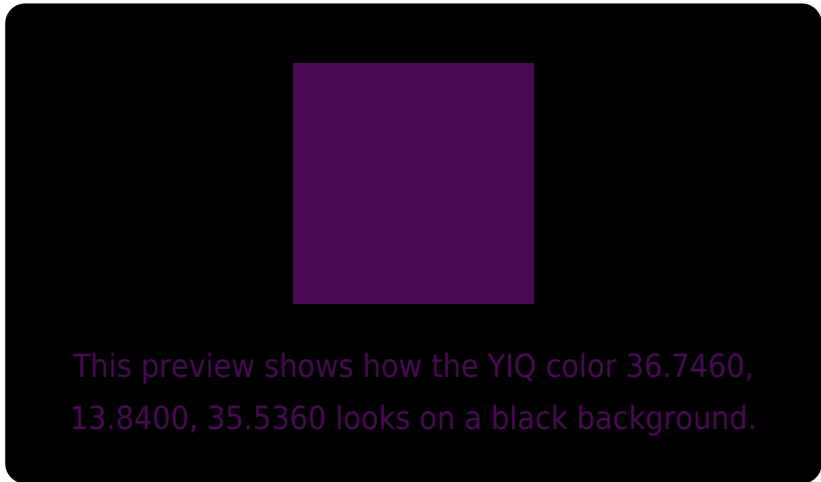
Large Text (above 18pt) WCAG AA ✓ Pass

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

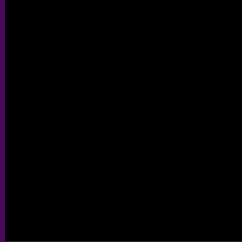
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 36.7460, 13.8400, 35.5360

Background



This preview shows how black text looks on a background with the YIQ color 36.7460, 13.8400, 35.5360.



This preview shows how white text looks on a background with the YIQ color 36.7460, 13.8400,

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

36.7460, 13.8400, 35.5360

Protanopia

34.6860, -39.7980, 5.4020

Deuteranopia

37.8950, -30.2610, 3.2670



Tritanopia

43.0950, 19.0260, 7.6180

Trichromacy



Original Color

36.7460, 13.8400, 35.5360

Protanomaly

35.1880, -20.3600, 16.5680

Deuteranomaly

37.6570, -14.4910, 14.8290

Tritanomaly

40.9350, 16.9610, 17.5130

Monochromacy



Original Color

36.7460, 13.8400, 35.5360

Achromatopsia

37.0000, -0.0000, 0.0000

Achromatomaly

36.8410, 5.3620, 12.9620

CSS Examples

Text

The CSS property to change the color of the text to YIQ 36.7460, 13.8400, 35.5360 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(72, 10, 82)` looks like.

```
.text, #text, p{  
    color:rgb(72, 10, 82)  
}
```

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(72, 10, 82) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(72, 10, 82) }
```

Border

The CSS property to change the border of an element to YIQ 36.7460, 13.8400, 35.5360 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(72, 10, 82) }
```


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

```
.border{ border-color:rgb(72, 10, 82) }
```

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

Here you see how a box with a 4 pixel `rgb(72, 10, 82)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(72, 10, 82); -webkit-box-  
shadow:4px 4px 4px 4px rgb(72, 10, 82);  
box-shadow:4px 4px 4px 4px rgb(72, 10, 82)  
}
```

Background

The CSS property to change the background color of an element to YIQ 36.7460, 13.8400, 35.5360 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(72, 10, 82) }
```

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

```
.background{ background-color: rgb(72, 10,  
82) }
```

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