

Converting Colors

YIQ(47.7560, -10.4560, 13.2880)

Have a look what the booklet for
YIQ(47.7560, -10.4560, 13.2880)
contains.

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Color

**YIQ(47.7560, -10.4560,
13.2880)**

Conversions

Conversions Part 1

Format	Color
Hex	2E2A52
RGB	46, 42, 82
RGB Percent	18%, 16%, 32%
CMY	0.8196, 0.8353, 0.6785
CMYK	0.44, 0.49, 0.00, 0.68
HSL	246°, 32%, 24%
HSV	246°, 49%, 32%
XYZ	3.4773, 2.8458, 8.3450
YIQ	47.7560, -10.4560, 13.2880

Conversions

Conversions Part 2

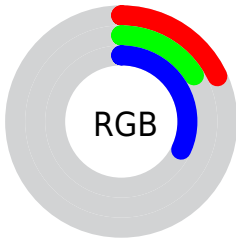
Format	Color
RYB	46, 42, 82
Decimal	3025490
CIELab	19.42, 13.33, -23.89
CIELCh	19, 27.362, 299.164
Yxy	2.8458, 0.2371, 0.1940
Android (android.graphics.Color)	4281215570 (0xFF2E2A52)
YUV	47.7560, 16.8823, -1.5400
Hunter-Lab	16.8694, 7.2728, -17.5210

Details

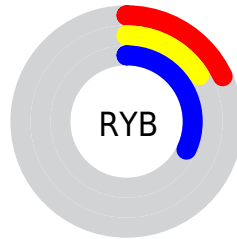
The YIQ color **47.7560, -10.4560, 13.2880** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **76.2440, 10.4560, -13.2880**, and the grayscale version is **48.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **94.2230, -10.2730, 15.4790**, and **4.2180, -11.8770, 11.5070** is the 20% darker color. If you saturate the color by 10%, you get **40.9670, -12.4280, 15.9880**, and if you desaturate by 10%, it is **54.5450, -8.4840, 10.5880**.

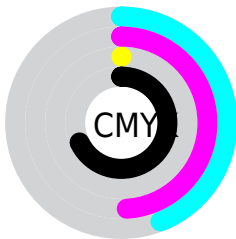
Distribution



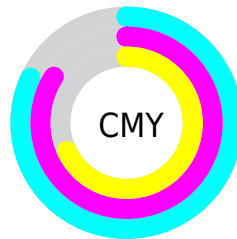
- Red (18%)
- Green (16%)
- Blue (32%)



- Red (18%)
- Yellow (16%)
- Blue (32%)



- Cyan (44%)
- Magenta (49%)
- Yellow (0%)
- Black (68%)



- Cyan (82%)
- Magenta (84%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 47.7560, -10.4560, 13.2880 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 47.7560, -10.4560, 13.2880 by changing the saturation by 10% instead.

■ 47.7560, -10.4560,
13.2880

■ 47.7560, -10.4560,
13.2880

■ 255.0000, -0.0000,
-0.0000

■ 26.5170, -11.2810,
11.7190

■ 94.2230, -10.2730,
15.4790

■ 4.2180, -11.8770,
11.5070

■ 119.3370,
-10.5940, 15.7900

■ 2.0690, -4.4480,
3.5200

■ 144.8640,
-10.6400, 16.6240

■ 0.0000, 0.0000,
0.0000

■ 171.3910,
-10.6860, 17.4580

■ 198.8040,
-10.4110, 17.9810

■ 225.2080, -5.9170,

13.6270

250.3040, 2.2000,
4.1840

47.7560, -10.4560,
13.2880

47.7560, -10.4560,
13.2880

40.9670, -12.4280,
15.9880

54.5450, -8.4840,
10.5880

33.8790, -14.9960,
18.4760

61.6330, -5.9160,
8.1000

26.5030, -16.6930,
21.6990

69.0090, -4.2190,
4.8770

19.7140, -18.6650,
24.3990

76.0970, -1.6510,
2.3890

12.6260, -21.2330,
26.8870

82.8860, 0.3210,
-0.3110

■ 11.7400, -21.5540,
27.1980

■ 89.6750, 2.2930,
-3.0110

■ 96.7630, 4.8610,
-5.4990

■ 104.1390, 6.5580,
-8.7220

■ 110.9280, 8.5300,
-11.4220

Harmonies

Analogous

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



38.6810, -41.4020, 1.4300



47.7560, -10.4560, 13.2880



48.3520, 11.4130, 18.9410

Triad

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



47.7560, -10.4560, 13.2880



45.5010, 29.2060, -0.6660



38.1160, -30.1660, -14.9820

Complementary

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



47.7560, -10.4560, 13.2880



76.2440, 10.4560, -13.2880

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.



37.6410, -18.7030, -18.9830



47.7560, -10.4560, 13.2880



44.4580, 21.5970, -11.4510

Square

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



47.7560, -10.4560, 13.2880



46.0210, 31.0380, 10.1900



42.7980, 5.7800, -16.6520



40.3960, -36.5860, -8.7620

Rectangle

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



47.7560, -10.4560, 13.2880



46.9140, 21.4540, 18.6860



42.7980, 5.7800, -16.6520



37.3180, -27.9190, -17.1590

Sweetspot

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



47.7560, -10.4560, 13.2880



93.4220, -3.9440, 5.4000



67.6920, -22.7400, -6.3880



45.4390, -2.6140, 3.3220



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.



47.7560, -10.4560, 13.2880



52.9760, -16.6470, 20.8650



53.7360, 1.4640, 17.5280



37.4560, -1.2840, 1.2440



14.9600, -27.7450, 34.7750



33.3250, -60.7640, 77.0280

Inverse Universe

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



58.0640, 12.2840, 19.6760



69.3350, 19.2510, 31.0830



70.2640, -1.4640, -17.5280



38.5380, 1.4210, 1.7810



42.1110, 32.4060, 51.4940



93.1940, 71.1830, 114.1830

Previews

White Background



This preview shows how the YIQ color 47.7560, -10.4560, 13.2880 looks on a white background.

Color Contrast Check

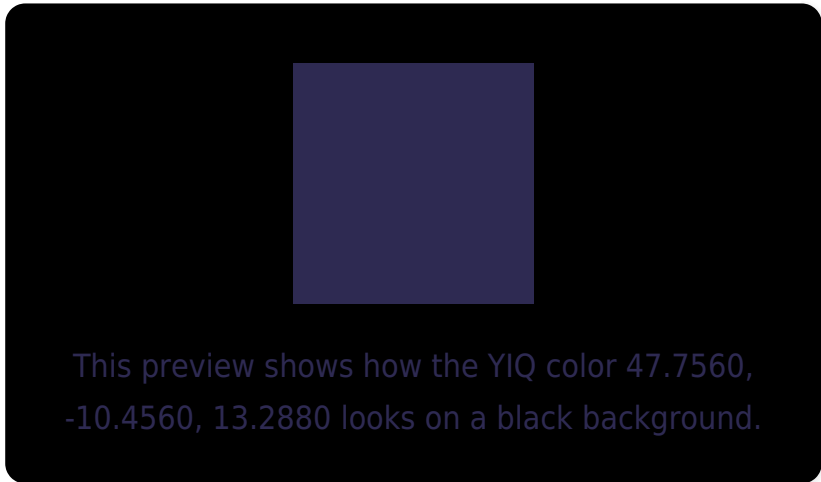
Large Text (above 18pt) WCAG AA ✓ Pass

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

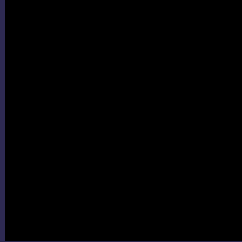
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 47.7560, -10.4560, 13.2880

Background



This preview shows how black text looks on a background with the YIQ color 47.7560, -10.4560, 13.2880.



This preview shows how white text looks on a background with the YIQ color 47.7560, -10.4560,

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

47.7560, -10.4560, 13.2880

Protanopia

44.8790, -24.1640, 8.4120

Deuteranopia

43.9880, -26.0890, 4.7510



Tritanopia

46.1670, -7.8400, -1.0880

Trichromacy



Original Color

47.7560, -10.4560, 13.2880

Protanomaly

46.2710, -19.3960, 10.1080

Deuteranomaly

45.5050, -20.1750, 7.7050

Tritanomaly

46.5570, -8.7580, 4.5380

Monochromacy



Original Color

47.7560, -10.4560, 13.2880

Achromatopsia

48.0000, -0.0000, 0.0000

Achromatomaly

47.8950, -3.8980, 4.5660

CSS Examples

Text

The CSS property to change the color of the text to YIQ 47.7560, -10.4560, 13.2880 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(46, 42, 82)` looks like.

```
.text, #text, p{  
    color:rgb(46, 42, 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(46, 42, 82) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(46, 42, 82) }
```

Border

The CSS property to change the border of an element to YIQ 47.7560, -10.4560, 13.2880 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(46, 42, 82) }
```


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

```
.border{ border-color:rgb(46, 42, 82) }
```

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

Here you see how a box with a 4 pixel `rgb(46, 42, 82)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(46, 42, 82); -webkit-box-  
shadow:4px 4px 4px 4px rgb(46, 42, 82);  
box-shadow:4px 4px 4px 4px rgb(46, 42, 82)  
}
```

Background

The CSS property to change the background color of an element to YIQ 47.7560, -10.4560, 13.2880 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(46, 42, 82) }
```

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

```
.background{ background-color: rgb(46, 42,  
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](#).

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