

Converting Colors

YIQ(47.3460, 11.5500, 21.9660)

Have a look what the booklet for
YIQ(47.3460, 11.5500, 21.9660)
contains.

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Color

**YIQ(47.3460, 11.5500,
21.9660)**

Conversions

Conversions Part 1

Format	Color
Hex	481E48
RGB	72, 30, 72
RGB Percent	28%, 12%, 28%
CMY	0.7175, 0.8824, 0.7176
CMYK	0.00, 0.58, 0.00, 0.72
HSL	300°, 41%, 20%
HSV	300°, 58%, 28%
XYZ	4.3085, 2.7745, 6.4399
YIQ	47.3460, 11.5500, 21.9660

Conversions

Conversions Part 2

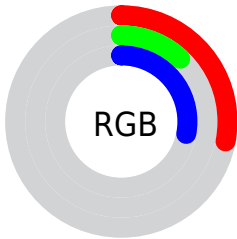
Format	Color
R_{YB}	72, 30, 72
Decimal	4726344
CIE Lab	19.12, 26.91, -17.38
CIE LCh	19, 32.034, 327.149
Yxy	2.7745, 0.3186, 0.2052
Android (android.graphics.Color)	4282916424 (0xFF481E48)
YUV	47.3460, 12.1544, 21.6216
Hunter-Lab	16.6569, 17.0216, -11.2629

Details

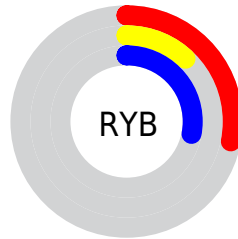
The YIQ color **47.3460, 11.5500, 21.9660** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **54.6540, -11.5500, -21.9660**, and the grayscale version is **47.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **94.8840, 12.9710, 23.7470**, and **12.2760, 8.5710, 15.3790** is the 20% darker color. If you saturate the color by 10%, you get **43.2370, 13.4750, 25.6270**, and if you desaturate by 10%, it is **51.4550, 9.6250, 18.3050**.

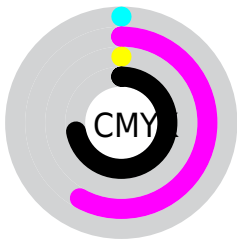
Distribution



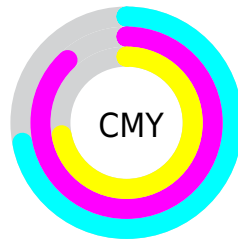
- Red (28%)
- Green (12%)
- Blue (28%)



- Red (28%)
- Yellow (12%)
- Blue (28%)



- Cyan (0%)
- Magenta (58%)
- Yellow (0%)
- Black (72%)



- Cyan (72%)
- Magenta (88%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 47.3460, 11.5500, 21.9660 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 47.3460, 11.5500, 21.9660 by changing the saturation by 10% instead.

■ 47.3460, 11.5500,
21.9660

■ 47.3460, 11.5500,
21.9660

■ 255.0000, -0.0000,
-0.0000

■ 24.0470, 10.9540,
21.7540

■ 94.8840, 12.9710,
23.7470

■ 12.2760, 8.5710,
15.3790

■ 120.2970, 13.2460,
24.2700

■ 0.0000, 0.0000,
0.0000

■ 146.0090, 14.1170,
25.0050


■ 172.8350, 14.6670,
26.0510


■ 200.2480, 14.9420,
26.5740


■ 226.8240, 13.2000,

25.1040


 243.8470, 5.2250,
9.9370

 47.3460, 11.5500,
21.9660


 47.3460, 11.5500,
21.9660

 43.2370, 13.4750,
25.6270


 51.4550, 9.6250,
18.3050


 39.1280, 15.4000,
29.2880


 55.5640, 7.7000,
14.6440


 34.4320, 17.6000,
33.4720

 60.2600, 5.5000,
10.4600

 30.3230, 19.5250,
37.1330

 64.3690, 3.5750,
6.7990

 29.7360, 19.8000,
37.6560

 68.4780, 1.6500,
3.1380

■ 72.5870, -0.2750,
-0.5230

■ 76.6960, -2.2000,
-4.1840

■ 81.3920, -4.4000,
-8.3680

■ 85.5010, -6.3250,
-12.0290

Harmonies

Analogous

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



46.3580, -15.0870, 14.6170



47.3460, 11.5500, 21.9660



44.3280, 29.1560, 22.2760

Triad

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



47.3460, 11.5500, 21.9660



43.7680, 23.6600, -10.2920



41.0970, -37.1820, -8.9740

Complementary

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



47.3460, 11.5500, 21.9660



54.6540, -11.5500, -21.9660

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.



38.3610, -29.4780, -16.4380



47.3460, 11.5500, 21.9660



41.0000, 8.0270, -18.8290

Square

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



47.3460, 11.5500, 21.9660



43.9100, 35.3040, -1.0480



34.4510, -21.2240, -22.8560



41.9750, -42.4100, -2.3300

Rectangle

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



47.3460, 11.5500, 21.9660



43.6890, 35.2090, 17.2010



34.4510, -21.2240, -22.8560



40.1850, -34.6140, -11.4620

Sweetspot

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



47.3460, 11.5500, 21.9660



84.0210, 4.6750, 8.8910



34.7880, -13.4820, 13.0620



42.1300, 2.7500, 5.2300



176.0000, -0.0000, -0.0000



48.0000, -0.0000, 0.0000

Same Dimension

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



47.3460, 11.5500, 21.9660



55.2580, 18.1500, 34.5180



44.9520, 18.2910, 15.4350



33.6520, 1.1000, 2.0920



40.8870, 27.2250, 51.7770



93.7510, 62.4250, 118.7210

Inverse Universe

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



47.3460, 11.5500, 21.9660



55.2580, 18.1500, 34.5180



57.0480, -18.2910, -15.4350



33.6520, 1.1000, 2.0920



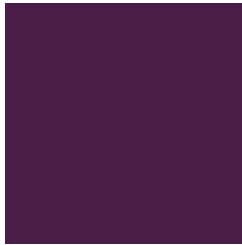
40.8870, 27.2250, 51.7770



93.7510, 62.4250, 118.7210

Previews

White Background



This preview shows how the YIQ color 47.3460, 11.5500, 21.9660 looks on a white background.

Color Contrast Check

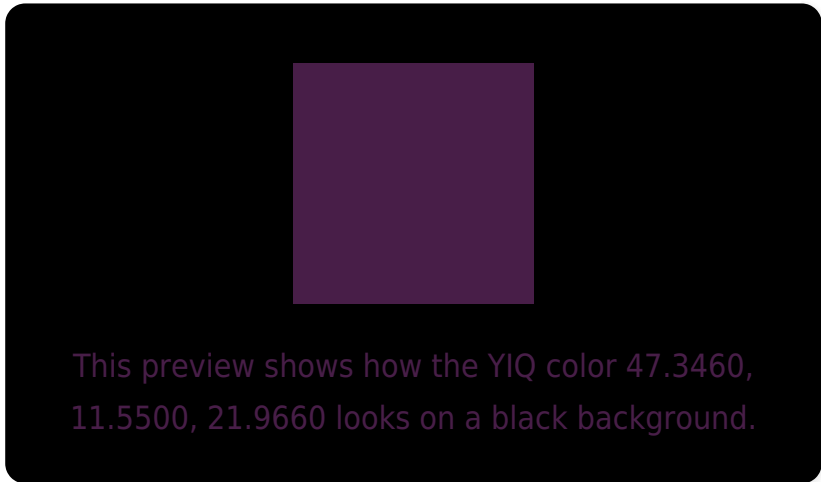
Large Text (above 18pt) WCAG AA ✓ Pass

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 47.3460, 11.5500, 21.9660

Background



This preview shows how black text looks on a background with the YIQ color 47.3460, 11.5500, 21.9660.



This preview shows how white text looks on a background with the YIQ color 47.3460, 11.5500,

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

47.3460, 11.5500, 21.9660

Protanopia

44.8790, -24.1640, 8.4120

Deuteranopia

46.8170, -12.4260, 4.9340



Tritanopia

47.3120, 16.9170, 7.2930

Trichromacy



Original Color

47.3460, 11.5500, 21.9660

Protanomaly

45.5710, -11.3730, 13.3870

Deuteranomaly

46.9970, -3.9450, 10.9270

Tritanomaly

47.1040, 14.8070, 12.4950

Monochromacy



Original Color

47.3460, 11.5500, 21.9660

Achromatopsia

47.0000, 0.0000, 0.0000

Achromatomaly

47.1950, 4.1250, 7.8450

CSS Examples

Text

The CSS property to change the color of the text to YIQ 47.3460, 11.5500, 21.9660 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, 30, 72)` looks like.

```
.text, #text, p{  
    color:rgb(72, 30, 72)  
}
```

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, 30, 72) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(72, 30, 72) }
```

Border

The CSS property to change the border of an element to YIQ 47.3460, 11.5500, 21.9660 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, 30, 72) }
```


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

```
.border{ border-color:rgb(72, 30, 72) }
```

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

Here you see how a box with a 4 pixel rgb(72, 30, 72) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(72, 30, 72); -webkit-box-  
shadow:4px 4px 4px 4px rgb(72, 30, 72);  
box-shadow:4px 4px 4px 4px rgb(72, 30, 72)  
}
```

Background

The CSS property to change the background color of an element to YIQ 47.3460, 11.5500, 21.9660 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(72, 30, 72) }
```

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

```
.background{ background-color: rgb(72, 30,  
72) }
```

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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