

Converting Colors

YIQ(92.3340, 11.8240, 28.0160)

Have a look what the booklet for
YIQ(92.3340, 11.8240, 28.0160)
contains.

YIQ(92.3340, 11.8240, 28.0160)	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(92.3340, 11.8240,
28.0160)**

Conversions

Conversions Part 1

Format	Color
Hex	79477F
RGB	121, 71, 127
RGB Percent	47%, 28%, 50%
CMY	0.5253, 0.7216, 0.5020
CMYK	0.05, 0.44, 0.00, 0.50
HSL	294°, 28%, 39%
HSV	294°, 44%, 50%
XYZ	13.9734, 10.1039, 21.2928
YIQ	92.3340, 11.8240, 28.0160

Conversions

Conversions Part 2

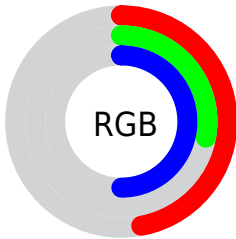
Format	Color
R_{YB}	121, 71, 127
Decimal	7948159
CIE _{Lab}	38.03, 31.01, -22.94
CIE _{LCh}	38, 38.570, 323.513
Yxy	10.1039, 0.3080, 0.2227
Android (android.graphics.Color)	4286138239 (0xFF79477F)
YUV	92.3340, 17.0903, 25.1401
Hunter-Lab	31.7867, 22.8417, -17.4656

Details

The YIQ color **92.3340, 11.8240, 28.0160** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **105.6660, -11.8240, -28.0160**, and the grayscale version is **92.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **143.5730, 12.6490, 29.5850**, and **44.2090, 10.6780, 26.7580** is the 20% darker color. If you saturate the color by 10%, you get **84.4040, 14.8030, 34.6030**, and if you desaturate by 10%, it is **100.2640, 8.8450, 21.4290**.

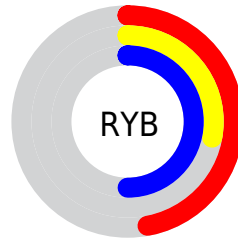
Distribution



Red (47%)

Green (28%)

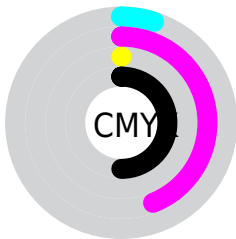
Blue (50%)



Red (47%)

Yellow (28%)

Blue (50%)

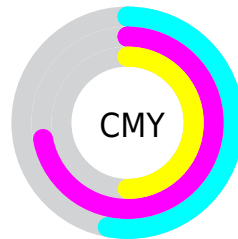


Cyan (5%)

Magenta (44%)

Yellow (0%)

Black (50%)



Cyan (53%)

Magenta (72%)

Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 92.3340, 11.8240, 28.0160 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 92.3340, 11.8240, 28.0160 by changing the saturation by 10% instead.

■ 92.3340, 11.8240,
28.0160

■ 92.3340, 11.8240,
28.0160

■ 255.0000, -0.0000,
-0.0000

■ 67.6220, 10.9530,
27.2810

■ 143.8720, 13.2450,
29.7970

■ 44.2090, 10.6780,
26.7580

■ 170.3990, 13.1990,
30.6310

■ 20.9100, 10.0820,
26.5460

■ 198.1110, 14.0700,
31.3660

■ 11.8350, 5.4990,
15.9870

■ 223.8890, 14.5750,
27.7190

■ 0.6840, -1.9260,
1.8660

■ 240.3250, 6.8750,
13.0750

■ 0.0000, 0.0000,
0.0000

■ 92.3340, 11.8240,
28.0160

■ 92.3340, 11.8240,
28.0160

■ 84.4040, 14.8030,
34.6030

■ 100.2640, 8.8450,
21.4290

■ 76.7620, 16.9110,
40.4550

■ 107.9060, 6.7370,
15.5770

■ 68.8320, 19.8900,
47.0420

■ 115.8360, 3.7580,
8.9900

■ 60.9020, 22.8690,
53.6290

■ 123.7660, 0.7790,
2.4030

■ 52.6730, 25.2520,
60.0040

■ 131.4080, -1.3290,
-3.4490

■ 48.2650, 26.5810,
63.4530

■ 139.3380, -4.3080,
-10.0360

■ 147.5670, -6.6910,
-16.4110

■ 155.4970, -9.6700,

-22.9980

■ 162.8400,
-12.3740, -29.0620

Harmonies

Analogous

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



89.6870, -23.2030, 18.5330



92.3340, 11.8240, 28.0160



90.3230, 36.7200, 28.3680

Triad

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



92.3340, 11.8240, 28.0160



86.5920, 35.7190, -14.0810



74.5170, -65.1480, -19.7720

Complementary

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



92.3340, 11.8240, 28.0160



105.6660, -11.8240, -28.0160

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.



70.2820, -54.6010, -29.2010



92.3340, 11.8240, 28.0160



83.4750, 13.7590, -23.5930

Square

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



92.3340, 11.8240, 28.0160



87.7760, 47.5450, 2.8810



77.9580, -18.5180, -27.8460



75.7200, -72.6690, -10.1170

Rectangle

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



92.3340, 11.8240, 28.0160



88.5380, 46.1200, 23.2080



77.9580, -18.5180, -27.8460



73.3770, -61.9380, -22.8820

Sweetspot

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



92.3340, 11.8240, 28.0160



152.1890, 4.2620, 10.8700



81.4930, -19.9010, 13.7550



76.0700, 2.9790, 6.5870



212.0000, -0.0000, -0.0000



84.0000, -0.0000, -0.0000

Same Dimension

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



92.3340, 11.8240, 28.0160



111.3540, 18.2400, 43.9040



91.7340, 22.1410, 22.7570



59.5920, 1.3290, 3.4490



48.6780, 26.8560, 63.9760



0.0000, 0.0000, 0.0000

Inverse Universe

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



88.4280, 31.4500, 13.7380



105.3380, 49.5590, 21.4550



106.2660, -22.1410, -22.7570



59.2070, 3.8510, 1.7950



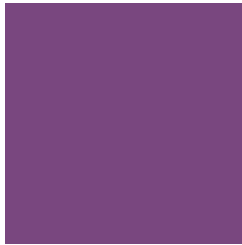
39.8680, 71.7940, 31.4900



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YIQ color 92.3340, 11.8240, 28.0160 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 × Fail

Black Background



This preview shows how the YIQ color 92.3340, 11.8240, 28.0160 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

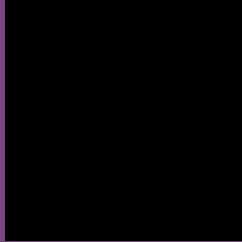
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 92.3340, 11.8240, 28.0160

Background



This preview shows how black text looks on a background with the YIQ color 92.3340, 11.8240, 28.0160.



This preview shows how white text looks on a background with the YIQ color 92.3340, 11.8240,

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

92.3340, 11.8240, 28.0160

Protanopia

88.6600, -27.7410, 12.6670

Deuteranopia

90.0000, -17.1950, 8.7650



Tritanopia

91.4480, 19.5300, 9.4980

Trichromacy



Original Color

92.3340, 11.8240, 28.0160

Protanomaly

90.2490, -13.1620, 18.2780

Deuteranomaly

90.4900, -6.6510, 15.9170

Tritanomaly

91.9950, 16.7320, 16.1560

Monochromacy



Original Color

92.3340, 11.8240, 28.0160

Achromatopsia

92.0000, 0.0000, -0.0000

Achromatomaly

92.0750, 4.5830, 10.5590

CSS Examples

Text

The CSS property to change the color of the text to YIQ 92.3340, 11.8240, 28.0160 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(121, 71, 127)` looks like.

```
.text, #text, p{  
    color:rgb(121, 71, 127)  
}
```

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(121, 71, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 71, 127) }
```

Border

The CSS property to change the border of an element to YIQ 92.3340, 11.8240, 28.0160 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(121, 71, 127) }
```


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

```
.border{ border-color:rgb(121, 71, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(121, 71, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(121, 71, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(121, 71, 127);  
box-shadow:4px 4px 4px 4px rgb(121, 71,  
127) }
```

Background

The CSS property to change the background color of an element to YIQ 92.3340, 11.8240, 28.0160 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 71, 127) }
```

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

```
.background{ background-color: rgb(121, 71,  
127) }
```

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