

Converting Colors

YIQ(96.4810, -2.4320, 11.0400)

Have a look what the booklet for
YIQ(96.4810, -2.4320, 11.0400)
contains.

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Color

**YIQ(96.4810, -2.4320,
11.0400)**

Conversions

Conversions Part 1

Format	Color
Hex	655A76
RGB	101, 90, 118
RGB Percent	40%, 35%, 46%
CMY	0.6039, 0.6471, 0.5373
CMYK	0.14, 0.24, 0.00, 0.54
HSL	264°, 13%, 41%
HSV	264°, 24%, 46%
XYZ	12.2934, 11.3867, 18.6870
YIQ	96.4810, -2.4320, 11.0400

Conversions

Conversions Part 2

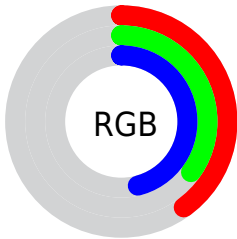
Format	Color
R_{YB}	101, 90, 118
Decimal	6642294
CIE _{Lab}	40.22, 10.51, -14.21
CIE _{LCh}	40, 17.674, 306.506
Yxy	11.3867, 0.2902, 0.2688
Android (android.graphics.Color)	4284832374 (0xFF655A76)
YUV	96.4810, 10.6089, 3.9632
Hunter-Lab	33.7442, 5.9772, -9.2128

Details

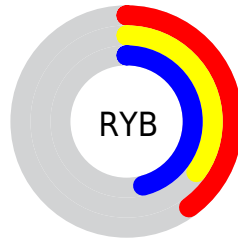
The YIQ color **96.4810, -2.4320, 11.0400** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **111.5190, 2.4320, -11.0400**, and the grayscale version is **96.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **147.0080, -2.4780, 11.8740**, and **49.9540, -2.3860, 10.2060** is the 20% darker color. If you saturate the color by 10%, you get **87.3440, -3.3040, 15.8320**, and if you desaturate by 10%, it is **105.6180, -1.5600, 6.2480**.

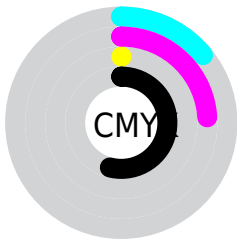
Distribution



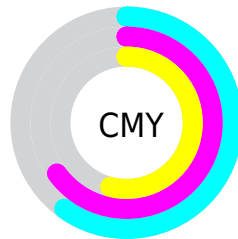
- Red (40%)
- Green (35%)
- Blue (46%)



- Red (40%)
- Yellow (35%)
- Blue (46%)



- Cyan (14%)
- Magenta (24%)
- Yellow (0%)
- Black (54%)



- Cyan (60%)
- Magenta (65%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 96.4810, -2.4320, 11.0400 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 96.4810, -2.4320, 11.0400 by changing the saturation by 10% instead.

■ 96.4810, -2.4320,
11.0400

■ 96.4810, -2.4320,
11.0400

■ 255.0000, -0.0000,
-0.0000

■ 72.9540, -2.3860,
10.2060

■ 147.0080, -2.4780,
11.8740

■ 49.9540, -2.3860,
10.2060

■ 173.4210, -2.2030,
12.3970

■ 29.0140, -2.6150,
8.8490

■ 201.4210, -2.2030,
12.3970

■ 6.6660, -1.5150,
10.9410

■ 229.5350, -2.5240,
12.7080

■ 0.0000, 0.0000,
0.0000

■ 252.0650, 1.3750,
2.6150

■ 96.4810, -2.4320,
11.0400

■ 96.4810, -2.4320,
11.0400

■ 87.3440, -3.3040,
15.8320

■ 105.6180, -1.5600,
6.2480

■ 78.2070, -4.1760,
20.6240

■ 114.7550, -0.6880,
1.4560

■ 69.6570, -5.3230,
24.8930

■ 123.3050, 0.4590,
-2.8130

■ 60.2210, -6.7910,
29.4730

■ 132.7410, 1.9270,
-7.3930

■ 51.0840, -7.6630,
34.2650

■ 141.8780, 2.7990,
-12.1850

■ 41.9470, -8.5350,
39.0570

■ 151.0150, 3.6710,
-16.9770

■ 32.8100, -9.4070,
43.8490

■ 160.1520, 4.5430,
-21.7690

■ 27.2060, -10.4620,

■ 168.7020, 5.6900,

46.4500

-26.0380

■ 177.8390, 6.5620,
-30.8300

Harmonies

Analogous

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



94.0060, -17.3320, 5.7400



96.4810, -2.4320, 11.0400



97.3640, 11.1390, 12.8910

Triad

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



96.4810, -2.4320, 11.0400



95.0810, 21.6410, -1.2310



88.3770, -26.4070, -11.5190

Complementary

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



96.4810, -2.4320, 11.0400



111.5190, 2.4320, -11.0400

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.



90.2660, -12.9730, -12.6930



96.4810, -2.4320, 11.0400



93.7870, 13.4810, -7.5350

Square

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



96.4810, -2.4320, 11.0400



96.1510, 24.6200, 5.3560



91.9210, 1.2400, -11.4640



87.7770, -33.2850, -8.0130

Rectangle

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



96.4810, -2.4320, 11.0400



96.8440, 18.4750, 12.0990



91.9210, 1.2400, -11.4640



89.0030, -22.4180, -12.2260

Sweetspot

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



96.4810, -2.4320, 11.0400



144.7490, -0.5510, 4.4810



103.1710, -13.6630, -0.1830



71.6950, -0.4590, 2.8130



204.0000, -0.0000, -0.0000



77.0000, -0.0000, -0.0000

Same Dimension

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



96.4810, -2.4320, 11.0400



119.9850, -3.6710, 16.9770



100.6670, 5.9120, 14.0080



54.2820, -0.7340, 2.2900



28.2600, -10.5540, 48.1180



57.8020, -21.8420, 98.5260

Inverse Universe

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



100.3100, 11.2310, 11.2230



125.8210, 17.2820, 17.2020



107.3330, -5.9120, -14.0080



55.1360, 2.6130, 2.2050



44.9140, 48.9580, 48.8780



92.0780, 100.2080, 100.2720

Previews

White Background



This preview shows how the YIQ color 96.4810, -2.4320, 11.0400 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 96.4810, -2.4320, 11.0400 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 96.4810, -2.4320, 11.0400

Background



This preview shows how black text looks on a background with the YIQ color 96.4810, -2.4320, 11.0400.



This preview shows how white text looks on a background with the YIQ color 96.4810, -2.4320,

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

96.4810, -2.4320, 11.0400

Protanopia

95.2840, -12.2430, 7.1250

Deuteranopia

95.7360, -7.7040, 7.4640



Tritanopia

95.4070, 0.4120, 3.5480

Trichromacy



Original Color

96.4810, -2.4320, 11.0400

Protanomaly

96.0780, -8.6670, 8.3970

Deuteranomaly

96.0460, -5.6410, 8.6230

Tritanomaly

95.8030, -0.6430, 6.1490

Monochromacy



Original Color

96.4810, -2.4320, 11.0400

Achromatopsia

96.0000, -0.0000, 0.0000

Achromatomaly

96.3360, -0.8260, 3.9580

CSS Examples

Text

The CSS property to change the color of the text to YIQ 96.4810, -2.4320, 11.0400 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(101, 90, 118)` looks like.

```
.text, #text, p{  
    color:rgb(101, 90, 118)  
}
```

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(101, 90, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(101, 90, 118) }
```

Border

The CSS property to change the border of an element to YIQ 96.4810, -2.4320, 11.0400 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(101, 90, 118) }
```


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

```
.border{ border-color:rgb(101, 90, 118) }
```

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

Here you see how a box with a 4 pixel `rgb(101, 90, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(101, 90, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(101, 90, 118);  
box-shadow:4px 4px 4px 4px rgb(101, 90,  
118) }
```

Background

The CSS property to change the background color of an element to YIQ 96.4810, -2.4320, 11.0400 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(101, 90, 118) }
```

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

```
.background{ background-color: rgb(101, 90,  
118) }
```

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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