

Converting Colors

YIQ(96.2960, 41.3500, 32.5660)

Have a look what the booklet for
YIQ(96.2960, 41.3500, 32.5660)
contains.

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Color

**YIQ(96.2960, 41.3500,
32.5660)**

Conversions

Conversions Part 1

Format	Color
Hex	9C406A
RGB	156, 64, 106
RGB Percent	61%, 25%, 42%
CMY	0.3880, 0.7492, 0.5842
CMYK	0.00, 0.59, 0.32, 0.39
HSL	333°, 42%, 43%
HSV	333°, 59%, 61%
XYZ	18.1569, 11.7779, 14.9612
YIQ	96.2960, 41.3500, 32.5660

Conversions

Conversions Part 2

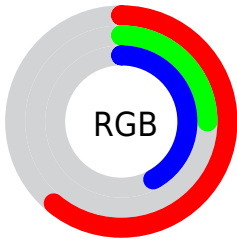
Format	Color
R_{YB}	156, 64, 106
Decimal	10240106
CIE Lab	40.86, 42.87, -5.17
CIE LCh	41, 43.184, 353.126
Yxy	11.7779, 0.4044, 0.2623
Android (android.graphics.Color)	4288430186 (0xFF9C406A)
YUV	96.2960, 4.7841, 52.3604
Hunter-Lab	34.3190, 34.3796, -1.8240

Details

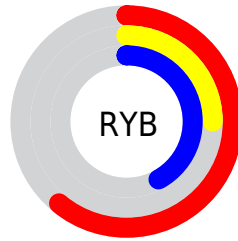
The YIQ color **96.2960, 41.3500, 32.5660** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **123.7040, -41.3500, -32.5660**, and the grayscale version is **96.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **149.6770, 44.6510, 33.3150**, and **39.8600, 39.8820, 37.1460** is the 20% darker color. If you saturate the color by 10%, you get **85.9920, 48.3180, 38.4460**, and if you desaturate by 10%, it is **106.7140, 34.0610, 26.9970**.

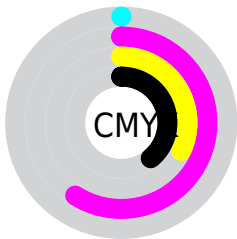
Distribution



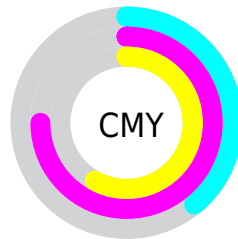
- Red (61%)
- Green (25%)
- Blue (42%)



- Red (61%)
- Yellow (25%)
- Blue (42%)



- Cyan (0%)
- Magenta (59%)
- Yellow (32%)
- Black (39%)





- Cyan (39%)
- Magenta (75%)
- Yellow (58%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 96.2960, 41.3500, 32.5660 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 96.2960, 41.3500, 32.5660 by changing the saturation by 10% instead.


 96.2960, 41.3500,
32.5660

 96.2960, 41.3500,
32.5660


255.0000, -0.0000,
-0.0000


 69.9260, 39.5160,
32.7640


 149.6770, 44.6510,
33.3150


 39.8600, 39.8820,
37.1460


 177.5740, 46.4390,
33.9510

 26.6430, 32.8230,
27.4070

 200.2030, 37.1780,
31.0820

 17.3720, 25.8560,
16.0000

 219.8310, 20.4900,
25.1460

 2.6910, 5.3640,
1.9080

 238.5640, 7.7000,
14.6440

 0.0000, 0.0000,
0.0000

■ 96.2960, 41.3500,
32.5660

■ 96.2960, 41.3500,
32.5660

■ 85.9920, 48.3180,
38.4460

■ 106.7140, 34.0610,
26.9970

■ 76.1610, 55.3320,
43.4920

■ 116.4310, 27.3680,
21.6400

■ 65.8570, 62.3000,
49.3720

■ 126.7350, 20.4000,
15.7600

■ 56.0260, 69.3140,
54.4180

■ 136.5660, 13.3860,
10.7140

■ 54.7380, 70.1850,
55.1530


■ 146.8700, 6.4180,
4.8340

■ 157.2880, -0.8710,
-0.7350

■ 167.0050, -7.5640,
-6.0920

■ 177.4230,

-14.8530, -11.6610

 187.1400,
-21.5460, -17.0180

Harmonies

Analogous

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



99.0400, 12.8320, 31.7760



96.2960, 41.3500, 32.5660



94.6760, 54.4190, 21.4830

Triad

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



96.2960, 41.3500, 32.5660



89.6230, 16.0980, -27.4380



81.8980, -79.0420, -10.2580

Complementary

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



96.2960, 41.3500, 32.5660



123.7040, -41.3500, -32.5660

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.



80.3530, -70.5580, -20.8460



96.2960, 41.3500, 32.5660



82.4690, -21.6350, -31.9310

Square

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



96.2960, 41.3500, 32.5660



92.7620, 40.9920, -16.0320



76.2490, -59.0020, -32.0420



79.4990, -81.9320, -1.9320

Rectangle

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



96.2960, 41.3500, 32.5660



94.1840, 55.3840, 9.4960



76.2490, -59.0020, -32.0420



82.1600, -77.0240, -13.7920

Sweetspot

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



96.2960, 41.3500, 32.5660



180.0010, 16.5950, 13.1310



89.1390, -0.3280, 39.0000



87.7180, 9.9020, 7.7740



230.0000, -0.0000, 0.0000



102.0000, -0.0000, -0.0000

Same Dimension

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



96.2960, 41.3500, 32.5660



109.8790, 65.2340, 51.2660



93.2690, 54.0070, 17.9350



73.8480, 3.4840, 2.9400



50.1670, 64.3630, 50.5310



5.2830, 6.6930, 5.3570

Inverse Universe

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



96.2960, 41.3500, 32.5660



109.8790, 65.2340, 51.2660



126.7310, -54.0070, -17.9350



73.8480, 3.4840, 2.9400



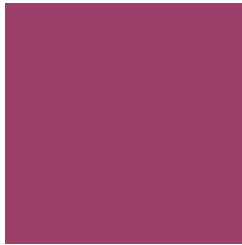
50.1670, 64.3630, 50.5310



5.2830, 6.6930, 5.3570

Previews

White Background



This preview shows how the YIQ color 96.2960, 41.3500, 32.5660 looks on a white background.

Color Contrast Check

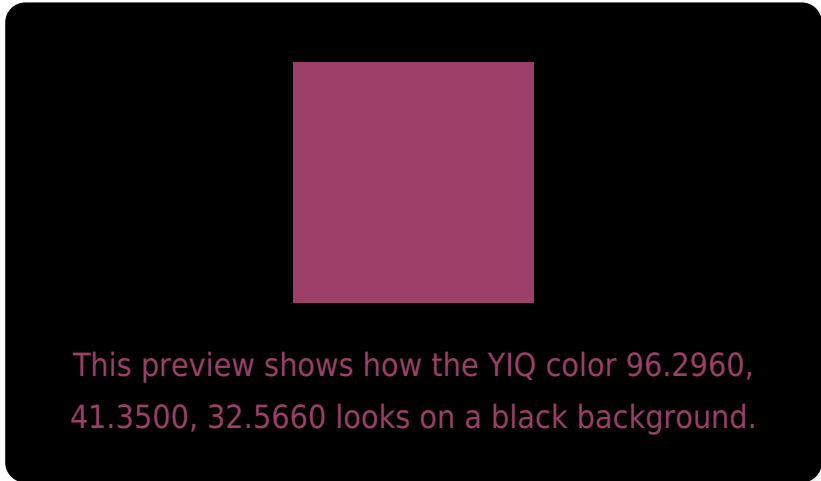
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



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 96.2960, 41.3500, 32.5660

Background



This preview shows how black text looks on a background with the YIQ color 96.2960, 41.3500, 32.5660.



This preview shows how white text looks on a background with the YIQ color 96.2960, 41.3500,

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

96.2960, 41.3500, 32.5660

Protanopia

97.4410, -14.1230, 8.1570

Deuteranopia

97.7880, 3.7130, 4.2970



Tritanopia

96.2730, 48.1840, 18.8400

Trichromacy



Original Color

96.2960, 41.3500, 32.5660

Protanomaly

96.6610, 6.0490, 17.0330

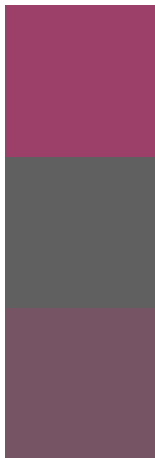
Deuteranomaly

97.2400, 17.4200, 14.7000

Tritanomaly

96.0650, 46.0740, 24.0420

Monochromacy



Original Color

96.2960, 41.3500, 32.5660

Achromatopsia

96.0000, -0.0000, 0.0000

Achromatomaly

95.9900, 15.1280, 12.1840

CSS Examples

Text

The CSS property to change the color of the text to YIQ 96.2960, 41.3500, 32.5660 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(156, 64, 106)` looks like.

```
.text, #text, p{  
    color:rgb(156, 64, 106)  
}
```

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(156, 64, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 64, 106) }
```

Border

The CSS property to change the border of an element to YIQ 96.2960, 41.3500, 32.5660 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(156, 64, 106) }
```


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

```
.border{ border-color:rgb(156, 64, 106) }
```

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

Here you see how a box with a 4 pixel rgb(156, 64, 106) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 64, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 64, 106);  
box-shadow:4px 4px 4px 4px rgb(156, 64,  
106) }
```

Background

The CSS property to change the background color of an element to YIQ 96.2960, 41.3500, 32.5660 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 64, 106) }
```

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

```
.background{ background-color: rgb(156, 64,  
106) }
```

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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